



# Reference Guide

Product Items Numbers and Descriptions

SPORLAN



ENGINEERING YOUR SUCCESS.

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## How To Use This Reference Guide

This Reference Guide presents Sporlan product item numbers and descriptions in an alphabetical listing based on product group. Refer to the Bulletin or Catalog listed for detailed product specifications.

Accurate processing and prompt delivery of your order depends on easy identification of your requirements. Please order Sporlan products using correct item numbers as described in this document. Inquiries and orders should be directed to your Sporlan Wholesaler or:

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**Sporlan Division**  
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Washington, MO 63090  
USA  
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Fax: 636 239 9130

### **⚠ WARNING – USER RESPONSIBILITY**

**Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.**

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

For safety information see the Safety Guide at [www.parker.com/safety](http://www.parker.com/safety) or call 1-800-CParker.

### **OFFER OF SALE**

The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the detailed "Offer of Sale" elsewhere in this document or available at [www.parker.com](http://www.parker.com).

## SOS Wholesaler Expediting Program

Two types of expediting requests are available as shown in Table 1. The Emergency Breakdown Order (EBO) expedite category is for items that ship in 2 days or less. The EBO order is limited to a maximum quantity of 3 pieces per item, and there will be an expediting premium of 25% added to the invoice for this service. The Rush Order expedite category is for items that ship in 6 days or less but more than 2 days. There will be a 15% premium added to the invoice for the Rush Order service. The Rush Order is limited to the greater of one full case or 25 pieces.

Parker Sporlan WILL NOT require Next Day or Second Day air shipment. Please request the shipping method that is required to meet your delivery date keeping in mind that transit times may not be guaranteed by the carrier.

TABLE 1

	RUSH ORDER	EBO
LEAD-TIME	6 working days	2 working days or less
MAXIMUM QUANTITY	25 pieces or one full case, which ever is greater	3 pieces
EXPEDITING PREMIUM	15%	25%
MINIMUM CHARGE	\$100 or 15% premium, which ever is greater	\$100 or 25% premium, which ever is greater

The expediting premiums will show up as a separate line item on the order acknowledgments and invoices. This ensures standard costs are not affected, and also make it easier to reconcile the expedite premium with the particular part in question.

**Please Note:** The expedite premiums are automated and are calculated based on request date versus order date. Sporlan's Customer Service Team does not manually add the expedite premium, nor do they have control to waive or modify the amount.

### Ordering instructions for SOS orders are as follows:

- For an order to get the EBO 2 day expedite, the PO must reference "SOS EBO"
- For an order to get the Rush expedite, the PO must reference "SOS Rush"
- If the order is not marked with "SOS" it will be scheduled at normal lead time of 2-3 weeks.
- SOS orders will ship complete unless otherwise requested by the customer.
- Premium routing is not required on SOS orders

If you have multiple buyers / branches placing orders for Sporlan products, please communicate this information to them so an accidental charge does not occur.

If you have any questions about the program, please contact your local Sporlan Sales Engineer. Thank you for your continued support of Sporlan products.

# Accumulators and Receivers

**Type VA, PA, and VPA, Series Accumulators** have a primary purpose to catch and hold any unused portion of the system charge. The device must also prevent liquid slugging of the compressor and excessive refrigerant dilution of the compressor oil. They must return refrigerant and oil to the compressor at a sufficient rate. **Type RT Receivers** provide a reservoir for refrigerant during operation of a refrigeration system.



DESCRIPTION	ITEM #	BULLETIN
PA4065-9-5C ACCUMULATOR	960119	<a href="#">Catalog C-1</a>
PA4065-9-6C ACCUMULATOR	960120	<a href="#">Catalog C-1</a>
RT306V-TS RECEIVER	470122	<a href="#">Catalog C-1</a>
RT308V-TR RECEIVER	469996	<a href="#">Catalog C-1</a>
RT3510V2S-KS RECEIVER	470123	<a href="#">Catalog C-1</a>
RT510V3S-KS RECEIVER	470124	<a href="#">Catalog C-1</a>
RT612V3S-KS RECEIVER	470125	<a href="#">Catalog C-1</a>
RT616V3S-KS RECEIVER	470126	<a href="#">Catalog C-1</a>
RT618V4S-KS RECEIVER	470127	<a href="#">Catalog C-1</a>
RT623V4S-KS RECEIVER	470128	<a href="#">Catalog C-1</a>
VA314S ACCUMULATOR	470106	<a href="#">Catalog C-1</a>
VA315S	470107	<a href="#">Catalog C-1</a>
VA355S ACCUMULATOR	470049	<a href="#">Catalog C-1</a>

DESCRIPTION	ITEM #	BULLETIN
VA356S ACCUMULATOR	470093	<a href="#">Catalog C-1</a>
VA6109SRD ACCUMULATOR	470118	<a href="#">Catalog C-1</a>
VA61111SRD ACCUMULATOR	470063	<a href="#">Catalog C-1</a>
VA6119SRD ACCUMULATOR	470065	<a href="#">Catalog C-1</a>
VA61511SRD ACCUMULATOR	470066	<a href="#">Catalog C-1</a>
VA61613SRD ACCUMULATOR	470068	<a href="#">Catalog C-1</a>
VPA58116SRD ACCUMULATOR	470112	<a href="#">Catalog C-1</a>
VPA58117SRD ACCUMULATOR	470069	<a href="#">Catalog C-1</a>
VPA58127SRD ACCUMULATOR	470070	<a href="#">Catalog C-1</a>
VPA58157SRD ACCUMULATOR	470115	<a href="#">Catalog C-1</a>
VPA58177SRD ACCUMULATOR	470116	<a href="#">Catalog C-1</a>
VPA5896SRD ACCUMULATOR	470110	<a href="#">Catalog C-1</a>
VPA5897SRD ACCUMULATOR	470111	<a href="#">Catalog C-1</a>

# Catch-All® Filter-Driers

Sporlan offers a range of filter-driers for air conditioning, heat pump and refrigeration system applications. Our filter-driers are highly efficient for applications requiring moisture removal, contaminant filtration and acid removal.

The **Catch-All® Liquid Line Sealed Model Filter-Driers Series** provide unparalleled control of the most harmful contaminants in HVAC&R systems. Moisture, acids, and solid debris are effectively captured to ensure the long life, efficiency, and capacity of today's high performance air-conditioning and refrigeration systems. With multiple sizes and fitting configurations, it is easy to find the right model for systems up to 20 tons.

Sporlan **Catch-All® Replaceable Cores and Filter's** primary purpose is to provide excellent filtration of moisture, acids, dirt and solid contaminants. The cores can remove moisture, acids, dirt, and contaminants. The filter will remove solid contaminants in the piping following installation.



Catch-All  
Filter-Driers

## CATCH-ALL SEALED MODEL FILTER-DRIER NOMENCLATURE EXAMPLE

<b>C</b>	<b>16</b>	<b>3</b>	<b>S</b>	<b>T</b>	<b>HH</b>
C - Catch-All HPC - Heat Pump Catch-All	Core Size in Cubic Inch	Connections in 1/8"	Connections S - ODF P - Pipe Blank - SAE Flare	T - Inlet Pressure Tap Blank - No Pressure Tap	HH - Core for Burnout Blank - Std. Core

## CATCH-ALL REPLACEABLE CORE FILTER-DRIER NOMENCLATURE EXAMPLE

<b>C</b>	<b>96</b>	<b>9</b>	<b>G</b>
Replaceable Core	Core Size in Cubic Inch	Connections in 1/8"	End Plate Plug to add Pressure Tap

DESCRIPTION	ITEM #	BULLETIN
C-032	400000	<a href="#">Bulletin 40-10</a>
C-032-CAP	400064	<a href="#">Bulletin 40-10</a>
C-032-CAP-T	400072	<a href="#">Bulletin 40-10</a>
C-032-F	400016	<a href="#">Bulletin 40-10</a>
C-032-FM	400032	<a href="#">Bulletin 40-10</a>
C-032-S	400052	<a href="#">Bulletin 40-10</a>
C-033	400088	<a href="#">Bulletin 40-10</a>
C-033-S	400001	<a href="#">Bulletin 40-10</a>
C-052	400200	<a href="#">Bulletin 40-10</a>
C-052-CAP-TT-HH	400219	<a href="#">Bulletin 40-10</a>
C-052-F	400216	<a href="#">Bulletin 40-10</a>
C-052-HH	400232	<a href="#">Bulletin 40-10</a>
C-052-S	400249	<a href="#">Bulletin 40-10</a>
C-052-S-HH	400209	<a href="#">Bulletin 40-10</a>
C-053	400288	<a href="#">Bulletin 40-10</a>
C-053-S	400329	<a href="#">Bulletin 40-10</a>
C-082	400416	<a href="#">Bulletin 40-10</a>
C-082-HH	400424	<a href="#">Bulletin 40-10</a>
C-082-S	400429	<a href="#">Bulletin 40-10</a>
C-083	400472	<a href="#">Bulletin 40-10</a>
C-083-HH	400488	<a href="#">Bulletin 40-10</a>
C-083-S	400503	<a href="#">Bulletin 40-10</a>
C-083-S-HH	400435	<a href="#">Bulletin 40-10</a>
C-084	400536	<a href="#">Bulletin 40-10</a>
C-084-S	400437	<a href="#">Bulletin 40-10</a>
C-144-S-T-HH	400786	<a href="#">Bulletin 40-10</a>
C-145-S-T-HH	400801	<a href="#">Bulletin 40-10</a>
C-146-S-T-HH	400806	<a href="#">Bulletin 40-10</a>
C-147-S-T-HH	400811	<a href="#">Bulletin 40-10</a>
C-149-S-T-HH	400816	<a href="#">Bulletin 40-10</a>
C-162	401000	<a href="#">Bulletin 40-10</a>
C-162-S	401018	<a href="#">Bulletin 40-10</a>

DESCRIPTION	ITEM #	BULLETIN
C-163	401048	<a href="#">Bulletin 40-10</a>
C-163-HH	401080	<a href="#">Bulletin 40-10</a>
C-163-S	401021	<a href="#">Bulletin 40-10</a>
C-163-S-HH	401022	<a href="#">Bulletin 40-10</a>
C-164	401128	<a href="#">Bulletin 40-10</a>
C-164-HH	401152	<a href="#">Bulletin 40-10</a>
C-164-S	401023	<a href="#">Bulletin 40-10</a>
C-164-S-HH	401025	<a href="#">Bulletin 40-10</a>
C-165	401216	<a href="#">Bulletin 40-10</a>
C-165-S	401035	<a href="#">Bulletin 40-10</a>
C-167-S	401031	<a href="#">Bulletin 40-10</a>
C-303	401328	<a href="#">Bulletin 40-10</a>
C-303-HH	401336	<a href="#">Bulletin 40-10</a>
C-303-S	401305	<a href="#">Bulletin 40-10</a>
C-304	401360	<a href="#">Bulletin 40-10</a>
C-304-HH	401376	<a href="#">Bulletin 40-10</a>
C-304-S	401307	<a href="#">Bulletin 40-10</a>
C-304-S-HH	401309	<a href="#">Bulletin 40-10</a>
C-305	401408	<a href="#">Bulletin 40-10</a>
C-305-HH	401432	<a href="#">Bulletin 40-10</a>
C-305-S	401449	<a href="#">Bulletin 40-10</a>
C-305-S-HH	401310	<a href="#">Bulletin 40-10</a>
C-306-S	401313	<a href="#">Bulletin 40-10</a>
C-307-S	401505	<a href="#">Bulletin 40-10</a>
C-309-S	401317	<a href="#">Bulletin 40-10</a>
C-413	401592	<a href="#">Bulletin 40-10</a>
C-414	401624	<a href="#">Bulletin 40-10</a>
C-414-S	401609	<a href="#">Bulletin 40-10</a>
C-415	401656	<a href="#">Bulletin 40-10</a>
C-415-HH	401672	<a href="#">Bulletin 40-10</a>
C-415-S	401610	<a href="#">Bulletin 40-10</a>
C-417-S	401614	<a href="#">Bulletin 40-10</a>

# Catch-All® Filter-Driers

Catch-All  
Filter-Driers

DESCRIPTION	ITEM #	BULLETIN
C-417-S-HH	401615	<a href="#">Bulletin 40-10</a>
C-419-S	401618	<a href="#">Bulletin 40-10</a>
C-485-G	402082	<a href="#">Bulletin 40-10</a>
C-487-G	402109	<a href="#">Bulletin 40-10</a>
C-489-G	402152	<a href="#">Bulletin 40-10</a>
C-607-S	401837	<a href="#">Bulletin 40-10</a>
C-609-S	401865	<a href="#">Bulletin 40-10</a>
C-967-G	402251	<a href="#">Bulletin 40-10</a>
C-969-G	402289	<a href="#">Bulletin 40-10</a>
C-1449-G	402401	<a href="#">Bulletin 40-10</a>
C-14411-G	402431	<a href="#">Bulletin 40-10</a>
C-19211-G	402491	<a href="#">Bulletin 40-10</a>
C-19213-G	402519	<a href="#">Bulletin 40-10</a>
C-19217-G	402529	<a href="#">Bulletin 40-10</a>
C-30013-G	402550	<a href="#">Bulletin 40-10</a>
C-40017-G	402620	<a href="#">Bulletin 40-10</a>
C-R424-G	402010	<a href="#">Bulletin 40-10</a>
C-R425-G	402030	<a href="#">Bulletin 40-10</a>
C-R427-G	402050	<a href="#">Bulletin 40-10</a>
CSG-083-S	409993	<a href="#">Form 40-336</a>
CSG-084-S	409996	<a href="#">Form 40-336</a>
CSG-163-S	409991	<a href="#">Form 40-336</a>
CSG-164-S	401385	<a href="#">Form 40-336</a>
CSG-165-S	401384	<a href="#">Form 40-336</a>
CSG-304-S	409999	<a href="#">Form 40-336</a>
CSG-305-S	409998	<a href="#">Form 40-336</a>
CSG-307-S	409997	<a href="#">Form 40-336</a>
RC-4864	404360	<a href="#">Bulletin 40-10</a>
RC-4864-HH	404380	<a href="#">Bulletin 40-10</a>
RC-10098	404400	<a href="#">Bulletin 40-10</a>
RC-10098-HH	404420	<a href="#">Bulletin 40-10</a>
RCW-42 (GOLD LABEL)	404404	<a href="#">Bulletin 40-10</a>
RCW-48 (GOLD LABEL)	404401	<a href="#">Bulletin 40-10</a>
RCW-100 (GOLD LABEL)	404403	<a href="#">Bulletin 40-10</a>
RPE-48-BD	404555	<a href="#">Bulletin 40-10</a>
RPE-100	404550	<a href="#">Bulletin 40-10</a>
TA-1 ACID TEST KIT	780042	<a href="#">Bulletin 40-10</a>

## REPLACEMENT PARTS

1288-005 GSKT,ENDPLT (NON ASB)	481103	<a href="#">Bulletin 122</a>
1288-013 GSKT,ENDPLT 1/16"NA	480096	<a href="#">Bulletin 122</a>
4103-15 BOLT 3/8X2.25 STEEL	481293	<a href="#">Bulletin 122</a>
4163-11, BOLT 5/16 X 1-3/4 SS	481292	<a href="#">Bulletin 122</a>
4602-5 ELEMENT RET. SPRING	481260	<a href="#">Bulletin 122</a>
5289-1 PLT,ELMT POSIT. SOLID	481088	<a href="#">Bulletin 122</a>
5295-2 PLATE, OUTLT CORE RET	481090	<a href="#">Bulletin 122</a>
5295-3 PLATE, OUTLET RETAINER	481089	<a href="#">Bulletin 122</a>
5296-3 PLATE, CORE SPACER	481093	<a href="#">Bulletin 122</a>
5296-4 PLATE, RETAINER	481095	<a href="#">Bulletin 122</a>
5296-5 PLATE,CORE POSIT. SOLID	481091	<a href="#">Bulletin 122</a>
5310 PIPE PLUG "G" TYPE	481101	<a href="#">Bulletin 122</a>
5318-5 END PLATE "G" TYPE	480031	<a href="#">Bulletin 122</a>

DESCRIPTION	ITEM #	BULLETIN
5320-2 TIE ROD,C-960'S	481232	<a href="#">Bulletin 122</a>
5320-3 TIE ROD,C-1440'S	481236	<a href="#">Bulletin 122</a>
5320-4 TIE ROD,C-1920'S	481240	<a href="#">Bulletin 122</a>
5383-3 GSKT OUT.RET. PLT.(NA)	481115	<a href="#">Bulletin 122</a>
5383-5 GSKT OUT. RET. PLT.(NA)	481116	<a href="#">Bulletin 122</a>
5383-6 GSKT OUT. SCREEN	481117	<a href="#">Bulletin 122</a>
5806-1 SPRING,END(DOMED CONST)	481203	<a href="#">Bulletin 122</a>
6171-5 SCRNL,OTL-100MESH ST.ST.	481272	<a href="#">Bulletin 122</a>
6172-6 SCREEN,OUTLT-10 MESH	481276	<a href="#">Bulletin 122</a>
6230-1 GASKET, OUTLT RET.PLATE	481151	<a href="#">Bulletin 122</a>
6242-1 SPRING, END	481264	<a href="#">Bulletin 122</a>
6243-1 TIE ROD,C-40000'S	481248	<a href="#">Bulletin 122</a>
6244-3 SQUARE NUT, 3/8" -16 THD	481286	<a href="#">Bulletin 122</a>
6260-6 PLATE, CORE SPACER	481213	<a href="#">Bulletin 122</a>
6273-1 PLATE,OUTLT CORE RET	481212	<a href="#">Bulletin 122</a>
6278-4 ENDPLATE, -G TYPE	481200	<a href="#">Bulletin 122</a>
A-175-1 MTG BRKT KIT-IND. PACK	481312	<a href="#">Bulletin 122</a>
A-175-2 MTG BRKT KIT-IND. PACK	481308	<a href="#">Bulletin 122</a>
A-685 MTG BRACKET-IND. PACK	481304	<a href="#">Bulletin 122</a>
FS-480 SECONDARY FLTR IND PAK	481461	<a href="#">Bulletin 122</a>
FS-960 SECONDARY FLTR IND PAK	481462	<a href="#">Bulletin 122</a>
FS-1440 SECONDARY FLTR IND PAK	481463	<a href="#">Bulletin 122</a>
FS-19200 SECONDARY FLTR INDPAK	481464	<a href="#">Bulletin 122</a>
JP-0344-001 ENDPLATE/CAP KIT	481202	<a href="#">Bulletin 122</a>
JP-0513-005 SCREEN 10 MESH	481288	<a href="#">Bulletin 122</a>
JP-0514-005 100 MESH SCREEN	481280	<a href="#">Bulletin 122</a>
JP-0741-000,C-480 OUTLET PLATE	480016	<a href="#">Bulletin 122</a>
JP-0741-001,C-960 OUTLET PLATE	480018	<a href="#">Bulletin 122</a>
JP-0741-002,C-1440 OUTLETPLATE	480020	<a href="#">Bulletin 122</a>
JP-0741-003,C-19200 OUTLTPLATE	480022	<a href="#">Bulletin 122</a>
JP-232-000 ADAPTOR, CAP TUBE	481316	<a href="#">Bulletin 122</a>
JP-335-000 ENDPLATE "G" TYPE	481217	<a href="#">Bulletin 122</a>
JP-335-001 ENDPLATE (PLAIN)	481216	<a href="#">Bulletin 122</a>
JP-679-000 CORE RETAINER ASSY.	481220	<a href="#">Bulletin 122</a>
JP-711-000 BOLT, 5/16-18 X 1.5	481300	<a href="#">Bulletin 122</a>
JP-737-000 PLATE, CORE SPACER	480026	<a href="#">Bulletin 122</a>
JP-738-000 PLATE, INLET	480024	<a href="#">Bulletin 122</a>
JP-743-000 SCREW	480028	<a href="#">Bulletin 122</a>
K-RC300 INTERNAL PARTS KIT	481390	<a href="#">Bulletin 122</a>
K-RC400 INTERNAL PARTS KIT	481400	<a href="#">Bulletin 122</a>
K-RC420 INTERNAL PARTS KIT	481340	<a href="#">Bulletin 122</a>
K-RC480-B INTERNAL PARTS KIT	481350	<a href="#">Bulletin 122</a>
K-RC480-D INTERNAL PARTS KIT	481313	<a href="#">Bulletin 122</a>
K-RC960-B INTERNAL PARTS KIT	481360	<a href="#">Bulletin 122</a>
K-RC960-D INTERNAL PARTS KIT	481314	<a href="#">Bulletin 122</a>
K-RC1440-B INTERNAL PARTS KIT	481370	<a href="#">Bulletin 122</a>
K-RC1440-D INTERNAL PARTS KIT	481315	<a href="#">Bulletin 122</a>
K-RC1920-B INTERNAL PARTS KIT	481380	<a href="#">Bulletin 122</a>
K-RC1920-D INTERNAL PARTS KIT	481321	<a href="#">Bulletin 122</a>
K-RSF-480-B INTERNAL PARTS KIT	801000	<a href="#">Bulletin 122</a>
K-RSF-960-B INTERNAL PARTS KIT	801050	<a href="#">Bulletin 122</a>
K-RSF480-C INTERNAL PARTS KIT	481404	<a href="#">Bulletin 122</a>
K-RSF960-C INTERNAL PARTS KIT	481406	<a href="#">Bulletin 122</a>

# Distributors

The function of the refrigerant **Distributor** is to equally distribute refrigerant flow from the thermostatic expansion valve into each circuit of a multi-circuit evaporator coil. This function is vital to proper system performance since refrigerant distribution directly affects the operation of the thermostatic expansion valve and the evaporator coil. Interchangeable nozzles allow for precise refrigerant distribution to the evaporator coil. Suitable for systems from 1/8 ton to 51 tons.



## DISTRIBUTOR NOMENCLATURE EXAMPLE

<b>1126</b>	<b>16</b>	<b>1/4</b>	<b>15</b>	<b>LNWR</b>
Type	Number of Circuits	Circuit Size	Nozzle Orifice Number	Less Nozzle with Ring

DESCRIPTION	ITEM #	BULLETIN
1109-3-3/8-LNWR W/576-000	208679	<a href="#">Bulletin 20-10</a>
1109-4-5/16-LNWR W/576-000	201302	<a href="#">Bulletin 20-10</a>
1109-8-1/4-LNWR W/576-000	202647	<a href="#">Bulletin 20-10</a>
1112-2-1/4-LNWR	207433	<a href="#">Bulletin 20-10</a>
1112-2-3/8-LNWR	201248	<a href="#">Bulletin 20-10</a>
1112-2-5/16-LNWR	201693	<a href="#">Bulletin 20-10</a>
1112-3-1/4-LNWR	200245	<a href="#">Bulletin 20-10</a>
1112-3-5/16-LNWR	202031	<a href="#">Bulletin 20-10</a>
1112-4-1/4-LNWR	200251	<a href="#">Bulletin 20-10</a>
1112-4-3/16-LNWR	200253	<a href="#">Bulletin 20-10</a>
1112-4-5/16-LNWR	201201	<a href="#">Bulletin 20-10</a>
1112-5-1/4-LNWR	200257	<a href="#">Bulletin 20-10</a>
1112-5-3/16-LNWR	201397	<a href="#">Bulletin 20-10</a>
1112-6-1/4-LNWR	200268	<a href="#">Bulletin 20-10</a>
1112-6-3/16-LNWR	201202	<a href="#">Bulletin 20-10</a>
1112-7-3/16-LNWR	204112	<a href="#">Bulletin 20-10</a>
1113-10-3/16-LNWR	201346	<a href="#">Bulletin 20-10</a>
1113-10-5/32-LNWR	205069	<a href="#">Bulletin 20-10</a>
1113-11-3/16-LNWR	202862	<a href="#">Bulletin 20-10</a>
1113-11-5/32-LNWR	201203	<a href="#">Bulletin 20-10</a>
1113-12-3/16-LNWR	202860	<a href="#">Bulletin 20-10</a>
1113-3-3/8-LNWR	201250	<a href="#">Bulletin 20-10</a>
1113-4-3/8-LNWR	201251	<a href="#">Bulletin 20-10</a>
1113-5-1/4-LNWR	204706	<a href="#">Bulletin 20-10</a>
1113-5-5/16-LNWR	201125	<a href="#">Bulletin 20-10</a>
1113-6-1/4-LNWR	201718	<a href="#">Bulletin 20-10</a>
1113-6-5/16-LNWR	200289	<a href="#">Bulletin 20-10</a>
1113-7-1/4-LNWR	200296	<a href="#">Bulletin 20-10</a>
1113-7-3/16-LNWR	204086	<a href="#">Bulletin 20-10</a>
1113-8-1/4-LNWR	200304	<a href="#">Bulletin 20-10</a>
1113-8-3/16-LNWR	201335	<a href="#">Bulletin 20-10</a>
1113-9-3/16-LNWR	201152	<a href="#">Bulletin 20-10</a>
1115-10-1/4-LNWR	200314	<a href="#">Bulletin 20-10</a>
1115-10-3/16-LNWR	204286	<a href="#">Bulletin 20-10</a>
1115-11-3/16-LNWR	201333	<a href="#">Bulletin 20-10</a>
1115-12-3/16-LNWR	200320	<a href="#">Bulletin 20-10</a>
1115-13-3/16-LNWR	202469	<a href="#">Bulletin 20-10</a>
1115-14-3/16-LNWR	201336	<a href="#">Bulletin 20-10</a>
1115-15-3/16-LNWR	201253	<a href="#">Bulletin 20-10</a>
1115-17-5/32-LNWR	206946	<a href="#">Bulletin 20-10</a>
1115-3-3/8-LNWR	206775	<a href="#">Bulletin 20-10</a>
1115-4-3/8-LNWR	205627	<a href="#">Bulletin 20-10</a>
1115-5-3/8-LNWR	201485	<a href="#">Bulletin 20-10</a>
1115-5-5/16-LNWR	202308	<a href="#">Bulletin 20-10</a>
1115-6-1/4-LNWR	200328	<a href="#">Bulletin 20-10</a>
1115-6-3/8-LNWR	204838	<a href="#">Bulletin 20-10</a>
1115-6-5/16-LNWR	202355	<a href="#">Bulletin 20-10</a>
1115-7-5/16-LNWR	201557	<a href="#">Bulletin 20-10</a>
1115-8-1/4-LNWR	200331	<a href="#">Bulletin 20-10</a>

DESCRIPTION	ITEM #	BULLETIN
1115-8-3/16-LNWR	206053	<a href="#">Bulletin 20-10</a>
1115-8-5/16-LNWR	201119	<a href="#">Bulletin 20-10</a>
1115-9-1/4-LNWR	200340	<a href="#">Bulletin 20-10</a>
1115-9-3/16-LNWR	202533	<a href="#">Bulletin 20-10</a>
1115-9-5/16-LNWR	201604	<a href="#">Bulletin 20-10</a>
1116-10-1/4-LNWR	205795	<a href="#">Bulletin 20-10</a>
1116-11-1/4-LNWR	200349	<a href="#">Bulletin 20-10</a>
1116-12-1/4-LNWR	200359	<a href="#">Bulletin 20-10</a>
1116-13-1/4-LNWR	201080	<a href="#">Bulletin 20-10</a>
1116-14-1/4-LNWR	201351	<a href="#">Bulletin 20-10</a>
1116-15-1/4-LNWR	201483	<a href="#">Bulletin 20-10</a>
1116-16-3/16-LNWR	200376	<a href="#">Bulletin 20-10</a>
1116-17-3/16-LNWR	202314	<a href="#">Bulletin 20-10</a>
1116-18-3/16-LNWR	200379	<a href="#">Bulletin 20-10</a>
1116-19-3/16-LNWR	207502	<a href="#">Bulletin 20-10</a>
1116-20-3/16-LNWR	205882	<a href="#">Bulletin 20-10</a>
1116-9-1/4-LNWR	209370	<a href="#">Bulletin 20-10</a>
1117-10-1/4-LNWR	202056	<a href="#">Bulletin 20-10</a>
1117-11-1/4-LNWR	200380	<a href="#">Bulletin 20-10</a>
1117-11-3/16-LNWR	202262	<a href="#">Bulletin 20-10</a>
1117-12-1/4-LNWR	200383	<a href="#">Bulletin 20-10</a>
1117-12-3/16-LNWR	210027	<a href="#">Bulletin 20-10</a>
1117-13-1/4-LNWR	202236	<a href="#">Bulletin 20-10</a>
1117-14-1/4-LNWR	200389	<a href="#">Bulletin 20-10</a>
1117-15-1/4-LNWR	205040	<a href="#">Bulletin 20-10</a>
1117-15-3/16-LNWR	209372	<a href="#">Bulletin 20-10</a>
1117-16-3/16-LNWR	205790	<a href="#">Bulletin 20-10</a>
1117-17-3/16-LNWR	202751	<a href="#">Bulletin 20-10</a>
1117-18-3/16-LNWR	203930	<a href="#">Bulletin 20-10</a>
1117-2-3/8-LNWR	206180	<a href="#">Bulletin 20-10</a>
1117-3-3/8-LNWR	208723	<a href="#">Bulletin 20-10</a>
1117-4-1/4-LNWR	201210	<a href="#">Bulletin 20-10</a>
1117-4-3/8-LNWR	209251	<a href="#">Bulletin 20-10</a>
1117-5-3/8-LNWR	209794	<a href="#">Bulletin 20-10</a>
1117-5-5/16-LNWR	201507	<a href="#">Bulletin 20-10</a>
1117-6-3/8-LNWR	209024	<a href="#">Bulletin 20-10</a>
1117-6-5/16-LNWR	201992	<a href="#">Bulletin 20-10</a>
1117-7-3/8-LNWR	204799	<a href="#">Bulletin 20-10</a>
1117-8-5/16-LNWR	201111	<a href="#">Bulletin 20-10</a>
1117-9-1/4-LNWR	203573	<a href="#">Bulletin 20-10</a>
1117-9-5/16-LNWR	201078	<a href="#">Bulletin 20-10</a>
1121-13-3/8-LNWR W/123-000	209005	<a href="#">Bulletin 20-10</a>
1121-14-1/4-LNWR W/123-000	206434	<a href="#">Bulletin 20-10</a>
1121-16-3/8-LNWR W/123-000	209196	<a href="#">Bulletin 20-10</a>
1121-16-5/16-LNWR W/123-000	205876	<a href="#">Bulletin 20-10</a>
1121-18-1/4-LNWR W/123-000	206645	<a href="#">Bulletin 20-10</a>
1121-19-5/16-LNWR W/123-000	209159	<a href="#">Bulletin 20-10</a>
1121-20-1/4-LNWR W/123-000	205766	<a href="#">Bulletin 20-10</a>
1121-21-1/4 LNWR W/123-000	206904	<a href="#">Bulletin 20-10</a>

# Distributors

Distributors

DESCRIPTION	ITEM #	BULLETIN
1121-22-1/4-LNWR W/123-000	208567	<a href="#">Bulletin 20-10</a>
1121-24-1/4-LNWR W/123-000	209068	<a href="#">Bulletin 20-10</a>
1121-9-3/8-LNWR W/123-000	208680	<a href="#">Bulletin 20-10</a>
1124-12-1/4-LNWR	200813	<a href="#">Bulletin 20-10</a>
1124-12-3/8-LNWR	208543	<a href="#">Bulletin 20-10</a>
1124-13-1/4-LNWR	204653	<a href="#">Bulletin 20-10</a>
1124-14-1/4-LNWR	207454	<a href="#">Bulletin 20-10</a>
1124-20-1/4-LNWR	203958	<a href="#">Bulletin 20-10</a>
1124-21-1/4-LNWR	204654	<a href="#">Bulletin 20-10</a>
1124-22-3/16-LNWR	206111	<a href="#">Bulletin 20-10</a>
1124-24-3/16-LNWR	200816	<a href="#">Bulletin 20-10</a>
1124-28-3/16-LNWR	203959	<a href="#">Bulletin 20-10</a>
1125-15-5/16-LNWR	202086	<a href="#">Bulletin 20-10</a>
1125-16-1/4-LNWR	202728	<a href="#">Bulletin 20-10</a>
1125-16-3/8-LNWR	205979	<a href="#">Bulletin 20-10</a>
1125-16-5/16-LNWR	202448	<a href="#">Bulletin 20-10</a>
1125-17-5/16-LNWR	204866	<a href="#">Bulletin 20-10</a>
1125-19-1/4-LNWR	205897	<a href="#">Bulletin 20-10</a>
1125-19-5/16-LNWR	203070	<a href="#">Bulletin 20-10</a>
1125-20-1/4-LNWR	200406	<a href="#">Bulletin 20-10</a>
1125-20-5/16-LNWR	201509	<a href="#">Bulletin 20-10</a>
1125-21-1/4-LNWR	204818	<a href="#">Bulletin 20-10</a>
1125-22-1/4-LNWR	201337	<a href="#">Bulletin 20-10</a>
1125-23-1/4-LNWR	205727	<a href="#">Bulletin 20-10</a>
1125-24-1/4-LNWR	201361	<a href="#">Bulletin 20-10</a>
1125-24-3/16-LNWR	208372	<a href="#">Bulletin 20-10</a>
1125-25-3/16-LNWR	207505	<a href="#">Bulletin 20-10</a>
1125-26-3/16-LNWR	205340	<a href="#">Bulletin 20-10</a>
1125-28-3/16-LNWR	203009	<a href="#">Bulletin 20-10</a>
1126-10-3/8-LNWR	201082	<a href="#">Bulletin 20-10</a>
1126-10-5/16-LNWR	202067	<a href="#">Bulletin 20-10</a>
1126-11-3/8-LNWR	203801	<a href="#">Bulletin 20-10</a>
1126-11-5/16-LNWR	202319	<a href="#">Bulletin 20-10</a>
1126-12-1/4-LNWR	206788	<a href="#">Bulletin 20-10</a>
1126-12-3/8-LNWR	203892	<a href="#">Bulletin 20-10</a>
1126-12-5/16-LNWR	201818	<a href="#">Bulletin 20-10</a>
1126-13-5/16-LNWR	201765	<a href="#">Bulletin 20-10</a>
1126-14-1/4-LNWR	201815	<a href="#">Bulletin 20-10</a>
1126-14-5/16-LNWR	201960	<a href="#">Bulletin 20-10</a>
1126-15-1/4-LNWR	201380	<a href="#">Bulletin 20-10</a>
1126-15-5/16-LNWR	201381	<a href="#">Bulletin 20-10</a>
1126-16-1/4-LNWR	200448	<a href="#">Bulletin 20-10</a>
1126-17-1/4-LNWR	201212	<a href="#">Bulletin 20-10</a>
1126-18-1/4-LNWR	200473	<a href="#">Bulletin 20-10</a>
1126-18-3/16-LNWR	206972	<a href="#">Bulletin 20-10</a>
1126-19-3/16-LNWR	206213	<a href="#">Bulletin 20-10</a>
1126-20-3/16-LNWR	201614	<a href="#">Bulletin 20-10</a>
1126-21-3/16-LNWR	204870	<a href="#">Bulletin 20-10</a>
1126-22-3/16-LNWR	201144	<a href="#">Bulletin 20-10</a>
1126-23-3/16-LNWR	204669	<a href="#">Bulletin 20-10</a>
1126-24-3/16-LNWR	201812	<a href="#">Bulletin 20-10</a>
1126-6-3/8-LNWR	201199	<a href="#">Bulletin 20-10</a>
1126-8-3/8-LNWR	204249	<a href="#">Bulletin 20-10</a>
1126-9-3/8-LNWR	204208	<a href="#">Bulletin 20-10</a>
1126-9-5/16-LNWR	208822	<a href="#">Bulletin 20-10</a>
1127-18-3/8-LNWR	204012	<a href="#">Bulletin 20-10</a>
1127-20-3/8-LNWR	208716	<a href="#">Bulletin 20-10</a>
1127-20-5/16-LNWR	208337	<a href="#">Bulletin 20-10</a>
1127-21-5/16-LNWR	201593	<a href="#">Bulletin 20-10</a>
1127-22-5/16-LNWR	201724	<a href="#">Bulletin 20-10</a>
1127-23-5/16-LNWR	207517	<a href="#">Bulletin 20-10</a>
1127-24-5/16-LNWR	201780	<a href="#">Bulletin 20-10</a>
1127-25-1/4-LNWR	201345	<a href="#">Bulletin 20-10</a>

DESCRIPTION	ITEM #	BULLETIN
1127-25-5/16-LNWR	201689	<a href="#">Bulletin 20-10</a>
1127-26-1/4-LNWR	201012	<a href="#">Bulletin 20-10</a>
1127-26-5/16-LNWR	202869	<a href="#">Bulletin 20-10</a>
1127-27-1/4-LNWR	202025	<a href="#">Bulletin 20-10</a>
1127-28-1/4-LNWR	201217	<a href="#">Bulletin 20-10</a>
1127-29-1/4-LNWR	203622	<a href="#">Bulletin 20-10</a>
1127-29-3/16-LNWR	206215	<a href="#">Bulletin 20-10</a>
1127-30-1/4-LNWR	201376	<a href="#">Bulletin 20-10</a>
1127-30-3/16-LNWR	203135	<a href="#">Bulletin 20-10</a>
1127-31-3/16-LNWR	204915	<a href="#">Bulletin 20-10</a>
1127-32-3/16-LNWR	203747	<a href="#">Bulletin 20-10</a>
1127-33-3/16-LNWR	204397	<a href="#">Bulletin 20-10</a>
1127-34-3/16-LNWR	200494	<a href="#">Bulletin 20-10</a>
1127-35-3/16-LNWR	205336	<a href="#">Bulletin 20-10</a>
1127-36-3/16-LNWR	202022	<a href="#">Bulletin 20-10</a>
1127-37-3/16-LNWR	204980	<a href="#">Bulletin 20-10</a>
1128-13-3/8-LNWR	201334	<a href="#">Bulletin 20-10</a>
1128-15-3/8-LNWR	204896	<a href="#">Bulletin 20-10</a>
1128-16-3/8-LNWR	204244	<a href="#">Bulletin 20-10</a>
1128-16-5/16-LNWR	201079	<a href="#">Bulletin 20-10</a>
1128-17-5/16-LNWR	202871	<a href="#">Bulletin 20-10</a>
1128-18-5/16-LNWR	201938	<a href="#">Bulletin 20-10</a>
1128-19-1/4-LNWR	201498	<a href="#">Bulletin 20-10</a>
1128-19-5/16-LNWR	201717	<a href="#">Bulletin 20-10</a>
1128-20-1/4-LNWR	201338	<a href="#">Bulletin 20-10</a>
1128-20-5/16-LNWR	201702	<a href="#">Bulletin 20-10</a>
1128-21-1/4-LNWR	202209	<a href="#">Bulletin 20-10</a>
1128-21-5/16-LNWR	207516	<a href="#">Bulletin 20-10</a>
1128-22-1/4-LNWR	201211	<a href="#">Bulletin 20-10</a>
1128-23-1/4-LNWR	202208	<a href="#">Bulletin 20-10</a>
1128-24-1/4-LNWR	201072	<a href="#">Bulletin 20-10</a>
1128-25-1/4-LNWR	207357	<a href="#">Bulletin 20-10</a>
1128-25-3/16-LNWR	207503	<a href="#">Bulletin 20-10</a>
1128-26-3/16-LNWR	203570	<a href="#">Bulletin 20-10</a>
1128-27-3/16-LNWR	207504	<a href="#">Bulletin 20-10</a>
1128-28-3/16-LNWR	204494	<a href="#">Bulletin 20-10</a>
1135-10-1/4-LNWR	209239	<a href="#">Bulletin 20-10</a>
1135-11-1/4-LNWR	209240	<a href="#">Bulletin 20-10</a>
1135-12-1/4-LNWR	209241	<a href="#">Bulletin 20-10</a>
1135-13-1/4-LNWR	209242	<a href="#">Bulletin 20-10</a>
1135-13-3/16-LNWR	209233	<a href="#">Bulletin 20-10</a>
1135-14-3/16-LNWR	209234	<a href="#">Bulletin 20-10</a>
1135-15-3/16-LNWR	209235	<a href="#">Bulletin 20-10</a>
1135-16-3/16-LNWR	209236	<a href="#">Bulletin 20-10</a>
1135-17-3/16-LNWR	209237	<a href="#">Bulletin 20-10</a>
1135-9-1/4-LNWR	209238	<a href="#">Bulletin 20-10</a>
1137-24-1/4-LNWR	209214	<a href="#">Bulletin 20-10</a>
1143-27-5/16-LNWR	200523	<a href="#">Bulletin 20-10</a>
1143-28-5/16-LNWR	201495	<a href="#">Bulletin 20-10</a>
1143-29-5/16-LNWR	203699	<a href="#">Bulletin 20-10</a>
1143-30-3/16-LNWR	207508	<a href="#">Bulletin 20-10</a>
1143-30-5/16-LNWR	203120	<a href="#">Bulletin 20-10</a>
1143-31-1/4-LNWR	207515	<a href="#">Bulletin 20-10</a>
1143-32-1/4-LNWR	201385	<a href="#">Bulletin 20-10</a>
1143-33-1/4-LNWR	202065	<a href="#">Bulletin 20-10</a>
1143-34-1/4-LNWR	201443	<a href="#">Bulletin 20-10</a>
1143-35-1/4-LNWR	204675	<a href="#">Bulletin 20-10</a>
1143-36-1/4-LNWR	201705	<a href="#">Bulletin 20-10</a>
1143-36-3/16-LNWR	206343	<a href="#">Bulletin 20-10</a>
1143-38-3/16-LNWR	207513	<a href="#">Bulletin 20-10</a>
1143-40-3/16-LNWR	203586	<a href="#">Bulletin 20-10</a>
1147-4-5/16-LNWR	209793	<a href="#">Bulletin 20-10</a>
1147-5-5/16-LNWR	209792	<a href="#">Bulletin 20-10</a>



# Distributors

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
1193-12-1/4-LNWR W/123-000	207393	<a href="#">Bulletin 20-10</a>	1605-4-3/16-LNWR	200110	<a href="#">Bulletin 20-10</a>
1193-18-1/4-LNWR W/123-000	204662	<a href="#">Bulletin 20-10</a>	1605-5-3/16-LNWR	200112	<a href="#">Bulletin 20-10</a>
1193-18-5/16-LNWR W/123-000	207378	<a href="#">Bulletin 20-10</a>	1605-6-3/16-LNWR	200113	<a href="#">Bulletin 20-10</a>
1193-6-3/8-LNWR W/123-000	209359	<a href="#">Bulletin 20-10</a>	1606-4-5/16-3	209565	<a href="#">Bulletin 20-10</a>
1193-8-3/8-LNWR W/123-000	208409	<a href="#">Bulletin 20-10</a>	1606-6-1/4-1	203270	<a href="#">Bulletin 20-10</a>
1603-2-1/4-1	203198	<a href="#">Bulletin 20-10</a>	1606-8-3/16-1-1/2	204687	<a href="#">Bulletin 20-10</a>
1603-2-1/4-1-1/2	201527	<a href="#">Bulletin 20-10</a>	1606-8-3/16-2	206324	<a href="#">Bulletin 20-10</a>
1603-2-1/4-2	201223	<a href="#">Bulletin 20-10</a>	1606-8-3/16-2-1/2	204731	<a href="#">Bulletin 20-10</a>
1603-2-1/4-5	204700	<a href="#">Bulletin 20-10</a>	1606-8-3/16-5	202811	<a href="#">Bulletin 20-10</a>
1603-2-3/16-1	203043	<a href="#">Bulletin 20-10</a>	1608-2-1/4-LNWR	201532	<a href="#">Bulletin 20-10</a>
1603-2-3/16-1/2	200056	<a href="#">Bulletin 20-10</a>	1608-2-3/16-LNWR	205205	<a href="#">Bulletin 20-10</a>
1603-2-3/16-1/3	200055	<a href="#">Bulletin 20-10</a>	1608-2-5/16-LNWR	201128	<a href="#">Bulletin 20-10</a>
1603-2-3/16-2	201112	<a href="#">Bulletin 20-10</a>	1608-3-1/4-LNWR	204234	<a href="#">Bulletin 20-10</a>
1603-2-3/16-3/4	200058	<a href="#">Bulletin 20-10</a>	1608-3-3/16-LNWR	202016	<a href="#">Bulletin 20-10</a>
1603-3-1/4-1	200059	<a href="#">Bulletin 20-10</a>	1608-3-5/16-LNWR	201127	<a href="#">Bulletin 20-10</a>
1603-3-1/4-1-1/2	201207	<a href="#">Bulletin 20-10</a>	1608-4-1/4-LNWR	202935	<a href="#">Bulletin 20-10</a>
1603-3-1/4-1/2	201113	<a href="#">Bulletin 20-10</a>	1608-4-3/16-LNWR	202934	<a href="#">Bulletin 20-10</a>
1603-3-1/4-3	201680	<a href="#">Bulletin 20-10</a>	1608-4-5/16-LNWR	202290	<a href="#">Bulletin 20-10</a>
1603-3-3/16-1	200067	<a href="#">Bulletin 20-10</a>	1608-5-1/4-LNWR	200128	<a href="#">Bulletin 20-10</a>
1603-3-3/16-1-1/2	200068	<a href="#">Bulletin 20-10</a>	1608-6-1/4-LNWR	200134	<a href="#">Bulletin 20-10</a>
1603-3-3/16-1/2	200062	<a href="#">Bulletin 20-10</a>	1608-7-3/16-LNWR	203963	<a href="#">Bulletin 20-10</a>
1603-3-3/16-3/4	200064	<a href="#">Bulletin 20-10</a>	1608-8-3/16-LNWR	200136	<a href="#">Bulletin 20-10</a>
1603-4-1/4-1	202551	<a href="#">Bulletin 20-10</a>	1608-9-3/16-LNWR	206674	<a href="#">Bulletin 20-10</a>
1603-4-1/4-1-1/2	202386	<a href="#">Bulletin 20-10</a>	1613-2-1/4-1	200539	<a href="#">Bulletin 20-10</a>
1603-4-1/4-2-1/2	201088	<a href="#">Bulletin 20-10</a>	1613-2-1/4-1-1/2	200541	<a href="#">Bulletin 20-10</a>
1603-4-1/4-4	201363	<a href="#">Bulletin 20-10</a>	1613-2-1/4-1/2	200536	<a href="#">Bulletin 20-10</a>
1603-4-1/4-5	204613	<a href="#">Bulletin 20-10</a>	1613-2-1/4-1/4	200533	<a href="#">Bulletin 20-10</a>
1603-4-3/16-1	200070	<a href="#">Bulletin 20-10</a>	1613-2-1/4-1/6	200532	<a href="#">Bulletin 20-10</a>
1603-4-3/16-1-1/2	200071	<a href="#">Bulletin 20-10</a>	1613-2-1/4-2	200542	<a href="#">Bulletin 20-10</a>
1603-4-3/16-1/2	202847	<a href="#">Bulletin 20-10</a>	1613-2-1/4-2-1/2	201551	<a href="#">Bulletin 20-10</a>
1603-4-3/16-2	203619	<a href="#">Bulletin 20-10</a>	1613-2-1/4-3/4	200538	<a href="#">Bulletin 20-10</a>
1603-4-3/16-3/4	202082	<a href="#">Bulletin 20-10</a>	1613-2-1/4-4	203357	<a href="#">Bulletin 20-10</a>
1603-5-3/16-1-1/2	208997	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1	200550	<a href="#">Bulletin 20-10</a>
1603-5-3/16-4	204891	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1-1/2	201237	<a href="#">Bulletin 20-10</a>
1603-5-3/16-5	205319	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1/2	200548	<a href="#">Bulletin 20-10</a>
1603-6-3/16-2	204488	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1/3	204275	<a href="#">Bulletin 20-10</a>
1603-6-3/16-3	201233	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1/4	200547	<a href="#">Bulletin 20-10</a>
1603-6-3/16-5	202749	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1/6	200545	<a href="#">Bulletin 20-10</a>
1604-2-1/4-1	200527	<a href="#">Bulletin 20-10</a>	1613-2-3/16-1/9	202709	<a href="#">Bulletin 20-10</a>
1604-2-3/16-1	207450	<a href="#">Bulletin 20-10</a>	1613-2-3/16-3/4	201737	<a href="#">Bulletin 20-10</a>
1604-2-3/16-1/2	201810	<a href="#">Bulletin 20-10</a>	1613-3-1/4-1	200559	<a href="#">Bulletin 20-10</a>
1604-2-3/16-3/4	202823	<a href="#">Bulletin 20-10</a>	1613-3-1/4-1-1/2	200560	<a href="#">Bulletin 20-10</a>
1604-2-5/32-1/2	208552	<a href="#">Bulletin 20-10</a>	1613-3-1/4-1/2	200556	<a href="#">Bulletin 20-10</a>
1604-2-5/32-3/4	201607	<a href="#">Bulletin 20-10</a>	1613-3-1/4-1/4	200553	<a href="#">Bulletin 20-10</a>
1604-3-1/4-2-1/2	209589	<a href="#">Bulletin 20-10</a>	1613-3-1/4-2	200562	<a href="#">Bulletin 20-10</a>
1604-3-1/4-4	205514	<a href="#">Bulletin 20-10</a>	1613-3-1/4-2-1/2	200563	<a href="#">Bulletin 20-10</a>
1604-3-3/16-1-1/2	203735	<a href="#">Bulletin 20-10</a>	1613-3-1/4-3	200565	<a href="#">Bulletin 20-10</a>
1604-3-3/16-2	207550	<a href="#">Bulletin 20-10</a>	1613-3-1/4-3/4	200557	<a href="#">Bulletin 20-10</a>
1604-3-3/16-2-1/2	204240	<a href="#">Bulletin 20-10</a>	1613-3-1/4-4	202268	<a href="#">Bulletin 20-10</a>
1604-3-5/32-1-1/2	209410	<a href="#">Bulletin 20-10</a>	1613-3-1/4-5	204155	<a href="#">Bulletin 20-10</a>
1604-4-1/4-1-1/2	201104	<a href="#">Bulletin 20-10</a>	1613-3-3/16-1	200572	<a href="#">Bulletin 20-10</a>
1604-4-1/4-5	202032	<a href="#">Bulletin 20-10</a>	1613-3-3/16-1-1/2	201481	<a href="#">Bulletin 20-10</a>
1604-4-3/16-1-1/2	204108	<a href="#">Bulletin 20-10</a>	1613-3-3/16-1/3	200569	<a href="#">Bulletin 20-10</a>
1604-4-3/16-2	208824	<a href="#">Bulletin 20-10</a>	1613-3-3/16-1/4	200568	<a href="#">Bulletin 20-10</a>
1604-4-3/16-2-1/2	201902	<a href="#">Bulletin 20-10</a>	1613-3-3/16-1/6	206195	<a href="#">Bulletin 20-10</a>
1604-4-3/16-4	209266	<a href="#">Bulletin 20-10</a>	1613-3-3/16-1/9	202710	<a href="#">Bulletin 20-10</a>
1604-6-3/16-2-1/2	206639	<a href="#">Bulletin 20-10</a>	1613-3-3/16-2	201404	<a href="#">Bulletin 20-10</a>
1604-6-3/16-4	203459	<a href="#">Bulletin 20-10</a>	1613-3-3/16-2-1/2	201806	<a href="#">Bulletin 20-10</a>
1605-2-1/4-LNWR	200077	<a href="#">Bulletin 20-10</a>	1613-3-3/16-3/4	201096	<a href="#">Bulletin 20-10</a>
1605-2-3/16-LNWR	200082	<a href="#">Bulletin 20-10</a>	1613-4-1/4-1	200575	<a href="#">Bulletin 20-10</a>
1605-3-1/4-LNWR	200100	<a href="#">Bulletin 20-10</a>	1613-4-1/4-2	200578	<a href="#">Bulletin 20-10</a>
1605-3-3/16-LNWR	200104	<a href="#">Bulletin 20-10</a>	1613-4-1/4-2-1/2	200580	<a href="#">Bulletin 20-10</a>
1605-4-1/4-LNWR	200107	<a href="#">Bulletin 20-10</a>	1613-4-1/4-3	200581	<a href="#">Bulletin 20-10</a>

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DESCRIPTION	ITEM #	BULLETIN
1613-4-1/4-4	200583	<a href="#">Bulletin 20-10</a>
1613-4-3/16-1	201116	<a href="#">Bulletin 20-10</a>
1613-4-3/16-1-1/2	201120	<a href="#">Bulletin 20-10</a>
1613-4-3/16-1/2	200584	<a href="#">Bulletin 20-10</a>
1613-4-3/16-1/3	203924	<a href="#">Bulletin 20-10</a>
1613-4-3/16-1/4	209672	<a href="#">Bulletin 20-10</a>
1613-4-3/16-1/6	209142	<a href="#">Bulletin 20-10</a>
1613-4-3/16-2	201230	<a href="#">Bulletin 20-10</a>
1613-4-3/16-2-1/2	201582	<a href="#">Bulletin 20-10</a>
1613-4-3/16-3	201275	<a href="#">Bulletin 20-10</a>
1613-4-3/16-3/4	204272	<a href="#">Bulletin 20-10</a>
1613-4-3/16-4	201963	<a href="#">Bulletin 20-10</a>
1613-5-3/16-1-1/2	203996	<a href="#">Bulletin 20-10</a>
1613-5-3/16-2-1/2	202215	<a href="#">Bulletin 20-10</a>
1613-5-3/16-3	201581	<a href="#">Bulletin 20-10</a>
1613-5-3/16-3/4	204274	<a href="#">Bulletin 20-10</a>
1613-5-3/16-4	202524	<a href="#">Bulletin 20-10</a>
1613-6-3/16-1	204276	<a href="#">Bulletin 20-10</a>
1613-6-3/16-1-1/2	202218	<a href="#">Bulletin 20-10</a>
1613-6-3/16-1/2	204535	<a href="#">Bulletin 20-10</a>
1613-6-3/16-1/3	204525	<a href="#">Bulletin 20-10</a>
1613-6-3/16-1/4	207962	<a href="#">Bulletin 20-10</a>
1613-6-3/16-2	200586	<a href="#">Bulletin 20-10</a>
1613-6-3/16-2-1/2	201675	<a href="#">Bulletin 20-10</a>
1613-6-3/16-3	200587	<a href="#">Bulletin 20-10</a>
1613-6-3/16-3/4	204277	<a href="#">Bulletin 20-10</a>
1613-6-3/16-4	201929	<a href="#">Bulletin 20-10</a>
1613-6-3/16-6	203178	<a href="#">Bulletin 20-10</a>
1616-2-5/16-4	200589	<a href="#">Bulletin 20-10</a>
1616-2-5/16-5	203418	<a href="#">Bulletin 20-10</a>
1616-4-1/4-1	203261	<a href="#">Bulletin 20-10</a>
1616-5-1/4-2	203370	<a href="#">Bulletin 20-10</a>
1616-5-1/4-4	200592	<a href="#">Bulletin 20-10</a>
1616-5-1/4-5	203858	<a href="#">Bulletin 20-10</a>
1616-6-1/4-2	203567	<a href="#">Bulletin 20-10</a>
1616-6-1/4-2-1/2	200598	<a href="#">Bulletin 20-10</a>
1616-6-1/4-3	200599	<a href="#">Bulletin 20-10</a>
1616-6-1/4-4	200601	<a href="#">Bulletin 20-10</a>
1616-6-1/4-5	201903	<a href="#">Bulletin 20-10</a>
1616-6-3/16-4	201775	<a href="#">Bulletin 20-10</a>
1616-7-3/16-2-1/2	204795	<a href="#">Bulletin 20-10</a>
1616-7-3/16-5	204022	<a href="#">Bulletin 20-10</a>
1616-8-3/16-1-1/2	202995	<a href="#">Bulletin 20-10</a>
1616-8-3/16-3	200604	<a href="#">Bulletin 20-10</a>
1616-8-3/16-4	201682	<a href="#">Bulletin 20-10</a>
1616-8-3/16-5	202190	<a href="#">Bulletin 20-10</a>
1616-8-5/32-5	204920	<a href="#">Bulletin 20-10</a>
1620-2-1/4-LNWR	200608	<a href="#">Bulletin 20-10</a>
1620-2-3/16-LNWR	201134	<a href="#">Bulletin 20-10</a>
1620-3-1/4-LNWR	200623	<a href="#">Bulletin 20-10</a>
1620-3-3/16-LNWR	201214	<a href="#">Bulletin 20-10</a>
1620-4-1/4-LNWR	201208	<a href="#">Bulletin 20-10</a>
1620-4-3/16-LNWR	200634	<a href="#">Bulletin 20-10</a>
1620-5-3/16-LNWR	201787	<a href="#">Bulletin 20-10</a>
1620-6-3/16-LNWR	205577	<a href="#">Bulletin 20-10</a>
1620-6-5/32-LNWR	206738	<a href="#">Bulletin 20-10</a>
1622-2-1/4-LNWR	202851	<a href="#">Bulletin 20-10</a>
1622-2-5/16-LNWR	201093	<a href="#">Bulletin 20-10</a>
1622-3-1/4-LNWR	207755	<a href="#">Bulletin 20-10</a>
1622-3-5/16-LNWR	203243	<a href="#">Bulletin 20-10</a>
1622-4-1/4-LNWR	200644	<a href="#">Bulletin 20-10</a>
1622-4-3/16-LNWR	204822	<a href="#">Bulletin 20-10</a>
1622-4-5/16-LNWR	201126	<a href="#">Bulletin 20-10</a>

DESCRIPTION	ITEM #	BULLETIN	
1622-5-1/4-LNWR	200649	<a href="#">Bulletin 20-10</a>	
1622-5-3/16-LNWR	203252	<a href="#">Bulletin 20-10</a>	
1622-6-1/4-LNWR	200655	<a href="#">Bulletin 20-10</a>	
1622-6-3/16-LNWR	200659	<a href="#">Bulletin 20-10</a>	
1622-7-1/4-LNWR	201247	<a href="#">Bulletin 20-10</a>	
1622-7-3/16-LNWR	202026	<a href="#">Bulletin 20-10</a>	
1622-8-3/16-LNWR	205048	<a href="#">Bulletin 20-10</a>	
1622-9-3/16-LNWR	206729	<a href="#">Bulletin 20-10</a>	
1650-2-1/4-1	1-1/2 OD SC	205133	<a href="#">Bulletin 20-10</a>
1650-2-1/4-1-1/2	1-1/2 OD SC	201644	<a href="#">Bulletin 20-10</a>
1650-2-3/16-1	1-3/8 OD SC	200178	<a href="#">Bulletin 20-10</a>
1650-2-3/16-1-1/2	1-1/2 OD SC	200181	<a href="#">Bulletin 20-10</a>
1650-2-3/16-1/2	1-3/8 OD SC	201095	<a href="#">Bulletin 20-10</a>
1650-3-1/4-1	1-1/2 OD SC	203238	<a href="#">Bulletin 20-10</a>
1650-3-1/4-1-1/2	1-1/2 OD SC	201647	<a href="#">Bulletin 20-10</a>
1650-3-1/4-3	1-1/2 OD SC	203082	<a href="#">Bulletin 20-10</a>
1650-3-3/16-1	1-3/8 OD SC	200190	<a href="#">Bulletin 20-10</a>
1650-3-3/16-1-1/2	1-3/8 OD SC	203144	<a href="#">Bulletin 20-10</a>
1650-4-1/4-1	1-1/2 OD SC	200196	<a href="#">Bulletin 20-10</a>
1650-4-1/4-1-1/2	1-1/2 OD SC	200199	<a href="#">Bulletin 20-10</a>
1650-4-1/4-2	1-1/2 OD SC	201360	<a href="#">Bulletin 20-10</a>
1650-4-1/4-2-1/2	1-3/8 OD SC	201038	<a href="#">Bulletin 20-10</a>
1650-4-1/4-3	1-1/2 OD SC	201649	<a href="#">Bulletin 20-10</a>
1650-4-1/4-3/4	1-1/2 OD SC	200194	<a href="#">Bulletin 20-10</a>
1650-4-3/16-1	1-1/2 OD SC	200209	<a href="#">Bulletin 20-10</a>
1650-4-3/16-1-1/2	1-3/8 OD SC	201035	<a href="#">Bulletin 20-10</a>
1650-4-3/16-1/2	1-1/2 OD SC	200208	<a href="#">Bulletin 20-10</a>
1650-4-3/16-2-1/2	1-3/8 OD SC	201039	<a href="#">Bulletin 20-10</a>
1650-5-3/16-2-1/2	1-3/8 OD SC	207440	<a href="#">Bulletin 20-10</a>
1650R-2-1/4-1	1-3/8 OD SC	209265	<a href="#">Bulletin 20-10</a>
1650R-2-1/4-1-1/2	1-1/2 OD SC	200145	<a href="#">Bulletin 20-10</a>
1650R-2-1/4-1-1/2	1-3/8 OD SC	207975	<a href="#">Bulletin 20-10</a>
1650R-2-1/4-2	1-3/8 OD SC	207436	<a href="#">Bulletin 20-10</a>
1650R-2-3/16-1/2	1-3/8 OD SC	204232	<a href="#">Bulletin 20-10</a>
1650R-2-3/16-3/4	1-3/8 OD SC	202916	<a href="#">Bulletin 20-10</a>
1650R-2-5/32-1/2	1-3/8 OD SC	208783	<a href="#">Bulletin 20-10</a>
1650R-3-1/4-1	1-3/8 OD SC	208363	<a href="#">Bulletin 20-10</a>
1650R-3-3/16-2	1-1/2 OD SC	208577	<a href="#">Bulletin 20-10</a>
1650R-3-5/32-1	1-3/8 OD SC	204456	<a href="#">Bulletin 20-10</a>
1650R-4-1/4-1-1/2	1-1/2 OD SC	201018	<a href="#">Bulletin 20-10</a>
1650R-4-1/4-3	1-1/2 OD SC	201019	<a href="#">Bulletin 20-10</a>
1650R-4-3/16-1/2	1-3/8 OD SC	206670	<a href="#">Bulletin 20-10</a>
1650R-4-3/16-2	1-1/2 OD SC	200164	<a href="#">Bulletin 20-10</a>
1650R-4-3/16-2-1/2	1-3/8 OD SC	207987	<a href="#">Bulletin 20-10</a>
1650R-4-3/16-4	1-3/8 OD SC	201321	<a href="#">Bulletin 20-10</a>
1650R-5-1/4-1	1-3/8 OD SC	208792	<a href="#">Bulletin 20-10</a>
1650R-5-3/16-1/2	1-3/8 OD SC	208994	<a href="#">Bulletin 20-10</a>
1650R-5-3/16-2-1/2	1-1/2 OD SC	207458	<a href="#">Bulletin 20-10</a>
1650R-5-3/16-3	1-3/8 OD SC	206054	<a href="#">Bulletin 20-10</a>
1651-2-1/4-LNWR	1-1/2 OD SC	202730	<a href="#">Bulletin 20-10</a>
1651-2-1/4-LNWR	1-3/8 OD SC	203522	<a href="#">Bulletin 20-10</a>
1651-2-3/16-LNWR	1-1/2 OD SC	208244	<a href="#">Bulletin 20-10</a>
1651-2-3/16-LNWR	1-3/8 OD SC	204534	<a href="#">Bulletin 20-10</a>
1651-3-1/4-LNWR	1-3/8 OD SC	201375	<a href="#">Bulletin 20-10</a>
1651-3-1/4-LNWR	1-1/2 OD SC	204707	<a href="#">Bulletin 20-10</a>
1651-3-3/16-LNWR	1-1/2 OD SC	208521	<a href="#">Bulletin 20-10</a>
1651-3-3/16-LNWR	1-3/8 OD SC	204533	<a href="#">Bulletin 20-10</a>
1651-4-1/4-LNWR	1-1/2 OD SC	202908	<a href="#">Bulletin 20-10</a>
1651-4-1/4-LNWR	1-3/8 OD SC	200703	<a href="#">Bulletin 20-10</a>
1651-4-3/16-LNWR	1-1/2 OD SC	206240	<a href="#">Bulletin 20-10</a>
1651-5-3/16-LNWR	1-1/2 OD SC	205219	<a href="#">Bulletin 20-10</a>
1651-6-3/16-LNWR	1-1/2 OD SC	204400	<a href="#">Bulletin 20-10</a>
1651-6-3/16-LNWR	1-3/8 OD SC	205592	<a href="#">Bulletin 20-10</a>

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DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
1651-8-3/16-LNWR 1-1/2 OD SC	209368	<a href="#">Bulletin 20-10</a>	1655R-14-3/16-LNWR 1-5/8 OD SC	201595	<a href="#">Bulletin 20-10</a>
1651R-2-1/4-LNWR 1-1/2 OD SC	200668	<a href="#">Bulletin 20-10</a>	1655R-15-3/16-LNWR 1-5/8 OD SC	208673	<a href="#">Bulletin 20-10</a>
1651R-2-3/16-LNWR 1-1/2 OD SC	202611	<a href="#">Bulletin 20-10</a>	1655R-16-3/16-LNWR 1-5/8 OD SC	202197	<a href="#">Bulletin 20-10</a>
1651R-2-3/16-LNWR 1-3/8 OD SC	200670	<a href="#">Bulletin 20-10</a>	1655R-5-3/8-LNWR 2-5/8 OD SC	209264	<a href="#">Bulletin 20-10</a>
1651R-3-1/4-LNWR 1-1/2 OD SC	203538	<a href="#">Bulletin 20-10</a>	1655R-6-5/16-LNWR 1-5/8 OD SC	203994	<a href="#">Bulletin 20-10</a>
1651R-3-1/4-LNWR 1-3/8 OD SC	203297	<a href="#">Bulletin 20-10</a>	1655R-7-5/16-LNWR 1-5/8 OD SC	202956	<a href="#">Bulletin 20-10</a>
1651R-3-3/16-LNWR 1-1/2 OD SC	202827	<a href="#">Bulletin 20-10</a>	1655R-8-1/4-LNWR 1-5/8 OD SC	204324	<a href="#">Bulletin 20-10</a>
1651R-3-3/16-LNWR 1-3/8 OD SC	205730	<a href="#">Bulletin 20-10</a>	1655R-8-5/16-LNWR 1-5/8 OD SC	201596	<a href="#">Bulletin 20-10</a>
1651R-4-1/4-LNWR 1-1/2 OD SC	201339	<a href="#">Bulletin 20-10</a>	1655R-9-1/4-LNWR 1-1/2 OD SC	205001	<a href="#">Bulletin 20-10</a>
1651R-4-1/4-LNWR 1-3/8 OD SC	204677	<a href="#">Bulletin 20-10</a>	1655R-9-1/4-LNWR 1-5/8 OD SC	204143	<a href="#">Bulletin 20-10</a>
1651R-4-3/16-LNWR 1-1/2 OD SC	204054	<a href="#">Bulletin 20-10</a>	1655R-9-5/16-LNWR 1-5/8 OD SC	202019	<a href="#">Bulletin 20-10</a>
1651R-5-3/16-LNWR 1-1/2 OD SC	202068	<a href="#">Bulletin 20-10</a>	1657-10-1/4-LNWR 1-5/8 OD SC	209003	<a href="#">Bulletin 20-10</a>
1651R-6-3/16-LNWR 1-1/2 OD SC	201327	<a href="#">Bulletin 20-10</a>	1657-10-5/16-LNWR 1-7/8 OD SC	206444	<a href="#">Bulletin 20-10</a>
1651R-7-3/16-LNWR 1-1/2 OD SC	201703	<a href="#">Bulletin 20-10</a>	1657-12-5/16-LNWR 1-7/8 OD SC	201720	<a href="#">Bulletin 20-10</a>
1653-12-3/16-LNWR 1-1/2 OD SC	206117	<a href="#">Bulletin 20-10</a>	1657-13-1/4-LNWR 1-5/8 OD SC	202493	<a href="#">Bulletin 20-10</a>
1653-3-3/8-LNWR 1-3/8 OD SC	209375	<a href="#">Bulletin 20-10</a>	1657-13-5/16-LNWR 1-7/8 OD SC	208197	<a href="#">Bulletin 20-10</a>
1653-3-5/16-LNWR 1-1/2 OD SC	208051	<a href="#">Bulletin 20-10</a>	1657-14-1/4-LNWR 1-5/8 OD SC	202755	<a href="#">Bulletin 20-10</a>
1653-4-5/16-LNWR 1-1/2 OD SC	203915	<a href="#">Bulletin 20-10</a>	1657-14-1/4-LNWR 1-7/8 OD SC	207166	<a href="#">Bulletin 20-10</a>
1653-5-1/4-LNWR 1-1/2 OD SC	200757	<a href="#">Bulletin 20-10</a>	1657-15-1/4-LNWR 1-5/8 OD SC	201816	<a href="#">Bulletin 20-10</a>
1653-5-5/16-LNWR 1-1/2 OD SC	206422	<a href="#">Bulletin 20-10</a>	1657-15-1/4-LNWR 1-7/8 OD SC	204318	<a href="#">Bulletin 20-10</a>
1653-6-1/4-LNWR 1-1/2 OD SC	200758	<a href="#">Bulletin 20-10</a>	1657-17-1/4-LNWR 1-7/8 OD SC	208297	<a href="#">Bulletin 20-10</a>
1653-7-1/4-LNWR 1-1/2 OD SC	201584	<a href="#">Bulletin 20-10</a>	1657-18-1/4-LNWR 1-5/8 OD SC	205913	<a href="#">Bulletin 20-10</a>
1653-8-1/4-LNWR 1-1/2 OD SC	201262	<a href="#">Bulletin 20-10</a>	1657-18-1/4-LNWR 1-7/8 OD SC	208849	<a href="#">Bulletin 20-10</a>
1653-9-1/4-LNWR 1-3/8 OD SC	206492	<a href="#">Bulletin 20-10</a>	1657R-10-5/16-LNWR 1-7/8 OD SC	203588	<a href="#">Bulletin 20-10</a>
1653-9-3/16-LNWR 1-1/2 OD SC	207122	<a href="#">Bulletin 20-10</a>	1657R-11-5/16-LNWR 1-5/8 OD SC	201758	<a href="#">Bulletin 20-10</a>
1653R-10-3/16-LNWR 2-1/2 OD SC	205496	<a href="#">Bulletin 20-10</a>	1657R-12-5/16-LNWR 1-5/8 OD SC	201757	<a href="#">Bulletin 20-10</a>
1653R-11-3/16-LNWR 1-1/2 OD SC	209303	<a href="#">Bulletin 20-10</a>	1657R-12-5/16-LNWR 1-7/8 OD SC	203300	<a href="#">Bulletin 20-10</a>
1653R-12-3/16-LNWR 1-1/2 OD SC	206360	<a href="#">Bulletin 20-10</a>	1657R-13-1/4-LNWR 1-5/8 OD SC	204301	<a href="#">Bulletin 20-10</a>
1653R-2-5/16-LNWR 1-1/2 OD SC	203562	<a href="#">Bulletin 20-10</a>	1657R-13-5/16-LNWR 1-7/8 OD SC	201341	<a href="#">Bulletin 20-10</a>
1653R-2-5/16-LNWR 1-3/8 OD SC	206912	<a href="#">Bulletin 20-10</a>	1657R-14-1/4-LNWR 1-5/8 OD SC	204959	<a href="#">Bulletin 20-10</a>
1653R-3-5/16-LNWR 1-3/8 OD SC	209355	<a href="#">Bulletin 20-10</a>	1657R-14-5/16-LNWR 1-7/8 OD SC	204702	<a href="#">Bulletin 20-10</a>
1653R-3-5/16-LNWR 1-1/2 OD SC	202490	<a href="#">Bulletin 20-10</a>	1657R-15-1/4-LNWR 1-5/8 OD SC	209325	<a href="#">Bulletin 20-10</a>
1653R-4-3/8-LNWR 1-1/2 OD SC	205022	<a href="#">Bulletin 20-10</a>	1657R-15-1/4-LNWR 1-7/8 OD SC	204205	<a href="#">Bulletin 20-10</a>
1653R-5-1/4-LNWR 1-1/2 OD SC	204194	<a href="#">Bulletin 20-10</a>	1657R-16-1/4-LNWR 1-5/8 OD SC	205912	<a href="#">Bulletin 20-10</a>
1653R-5-5/16-LNWR 1-1/2 OD SC	208550	<a href="#">Bulletin 20-10</a>	1657R-16-1/4-LNWR 1-7/8 OD SC	204206	<a href="#">Bulletin 20-10</a>
1653R-6-1/4-LNWR 1-1/2 OD SC	202625	<a href="#">Bulletin 20-10</a>	1657R-17-1/4-LNWR 1-5/8 OD SC	209538	<a href="#">Bulletin 20-10</a>
1653R-6-5/16-LNWR 1-1/2 OD SC	203561	<a href="#">Bulletin 20-10</a>	1657R-18-1/4-LNWR 1-5/8 OD SC	208264	<a href="#">Bulletin 20-10</a>
1653R-7-1/4-LNWR 1-1/2 OD SC	201340	<a href="#">Bulletin 20-10</a>	1657R-20-3/16-LNWR 1-7/8 OD SC	204376	<a href="#">Bulletin 20-10</a>
1653R-8-1/4-LNWR 1-1/2 OD SC	201594	<a href="#">Bulletin 20-10</a>	1657R-21-3/16-LNWR 1-5/8 OD SC	209561	<a href="#">Bulletin 20-10</a>
1653R-8-3/16-LNWR 1-1/2 OD SC	201330	<a href="#">Bulletin 20-10</a>	1657R-23-3/16-LNWR 1-5/8 OD SC	209582	<a href="#">Bulletin 20-10</a>
1655-10-1/4-LNWR 1-1/2 OD SC	201266	<a href="#">Bulletin 20-10</a>	1657R-24-3/16-LNWR 1-5/8 OD SC	209770	<a href="#">Bulletin 20-10</a>
1655-10-1/4-LNWR 1-5/8 OD SC	201384	<a href="#">Bulletin 20-10</a>	1657R-26-3/16-LNWR 1-7/8 OD SC	204737	<a href="#">Bulletin 20-10</a>
1655-11-1/4-LNWR 1-5/8 OD SC	203855	<a href="#">Bulletin 20-10</a>	1659R-18-5/16-LNWR 1-7/8 OD SC	203018	<a href="#">Bulletin 20-10</a>
1655-12-1/4-LNWR 1-1/2 OD SC	205171	<a href="#">Bulletin 20-10</a>	1659R-19-1/4-LNWR 1-7/8 OD SC	204269	<a href="#">Bulletin 20-10</a>
1655-12-1/4-LNWR 1-5/8 OD SC	203187	<a href="#">Bulletin 20-10</a>	1659R-20-1/4-LNWR 1-7/8 OD SC	205930	<a href="#">Bulletin 20-10</a>
1655-13-3/16-LNWR 1-1/2 OD SC	209435	<a href="#">Bulletin 20-10</a>	1659R-23-1/4-LNWR 1-5/8 OD SC	209581	<a href="#">Bulletin 20-10</a>
1655-15-3/16-LNWR 1-5/8 OD SC	204073	<a href="#">Bulletin 20-10</a>	1659R-24-1/4-LNWR 1-1-1/8 OD SC	209315	<a href="#">Bulletin 20-10</a>
1655-18-3/16-LNWR 1-5/8 OD SC	205043	<a href="#">Bulletin 20-10</a>	1659R-24-1/4-LNWR 1-7/8 OD SC	208056	<a href="#">Bulletin 20-10</a>
1655-20-3/16-LNWR 1-5/8 OD SC	205042	<a href="#">Bulletin 20-10</a>	1659R-30-3/16-LNWR 1-1-1/8 OD SC	208674	<a href="#">Bulletin 20-10</a>
1655-6-5/16-LNWR 1-5/8 OD SC	208184	<a href="#">Bulletin 20-10</a>	A RETAINER RING	280361	<a href="#">Bulletin 20-10</a>
1655-7-5/16-LNWR 1-5/8 OD SC	208382	<a href="#">Bulletin 20-10</a>	ASC-11-7-LNWR	206847	<a href="#">Bulletin 20-10</a>
1655-8-5/16-LNWR 1-5/8 OD SC	208383	<a href="#">Bulletin 20-10</a>	ASC-11-9-LNWR	206848	<a href="#">Bulletin 20-10</a>
1655-9-1/4-LNWR 1-5/8 OD SC	201641	<a href="#">Bulletin 20-10</a>	ASC-13-9-LNWR	206850	<a href="#">Bulletin 20-10</a>
1655-9-5/16-LNWR 1-5/8 OD SC	208266	<a href="#">Bulletin 20-10</a>	ASC-4-3-LNWR	206837	<a href="#">Bulletin 20-10</a>
1655-9-5/16-LNWR 2-1/2 OD SC	209415	<a href="#">Bulletin 20-10</a>	ASC-4-4-LNWR	206831	<a href="#">Bulletin 20-10</a>
1655R-10-1/4-LNWR 1-1/2 OD SC	203739	<a href="#">Bulletin 20-10</a>	ASC-5-4-LNWR	206832	<a href="#">Bulletin 20-10</a>
1655R-10-1/4-LNWR 1-5/8 OD SC	201502	<a href="#">Bulletin 20-10</a>	ASC-7-4-LNWR	206835	<a href="#">Bulletin 20-10</a>
1655R-11-1/4-LNWR 1-5/8 OD SC	206201	<a href="#">Bulletin 20-10</a>	ASC-7-5-LNWR	206838	<a href="#">Bulletin 20-10</a>
1655R-11-3/16-LNWR 1-1/2 OD SC	209302	<a href="#">Bulletin 20-10</a>	ASC-9-5-LNWR	206841	<a href="#">Bulletin 20-10</a>
1655R-11-3/16-LNWR 1-5/8 OD SC	203340	<a href="#">Bulletin 20-10</a>	ASC-9-7-LNWR	206844	<a href="#">Bulletin 20-10</a>
1655R-12-1/4-LNWR 1-5/8 OD SC	203214	<a href="#">Bulletin 20-10</a>	C RETAINER RING	280363	<a href="#">Bulletin 20-10</a>
1655R-12-3/16-LNWR 1-5/8 OD SC	209601	<a href="#">Bulletin 20-10</a>	D260-2-1/4-LNWR	200930	<a href="#">Bulletin 20-10</a>
1655R-13-3/16-LNWR 1-5/8 OD SC	204605	<a href="#">Bulletin 20-10</a>	D260-2-3/16-LNWR	202020	<a href="#">Bulletin 20-10</a>

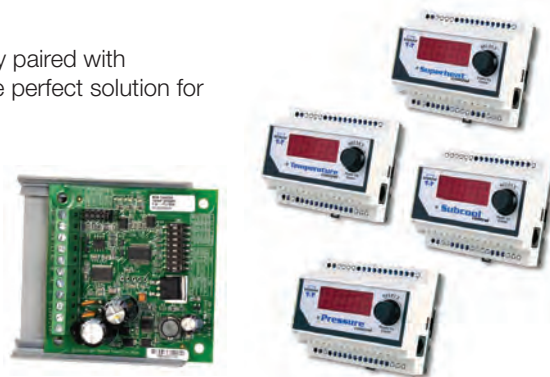
# Distributors

DESCRIPTION	ITEM #	BULLETIN
D260-3-1/4-LNWR	204747	<a href="#">Bulletin 20-10</a>
D260-3-3/16-LNWR	201995	<a href="#">Bulletin 20-10</a>
D260-4-1/4-LNWR	200909	<a href="#">Bulletin 20-10</a>
D260-4-3/16-LNWR	200931	<a href="#">Bulletin 20-10</a>
D260-5-3/16-LNWR	200932	<a href="#">Bulletin 20-10</a>
D260-6-3/16-LNWR	204748	<a href="#">Bulletin 20-10</a>
D262-2-1/4-LNWR	207481	<a href="#">Bulletin 20-10</a>
D262-2-5/16-LNWR	207852	<a href="#">Bulletin 20-10</a>
D262-3-1/4-LNWR	209336	<a href="#">Bulletin 20-10</a>
D262-3-5/16-LNWR	206494	<a href="#">Bulletin 20-10</a>
D262-4-1/4-LNWR	209337	<a href="#">Bulletin 20-10</a>
D262-4-5/16-LNWR	207954	<a href="#">Bulletin 20-10</a>
D262-5-1/4-LNWR	200919	<a href="#">Bulletin 20-10</a>
D262-6-1/4-LNWR	205477	<a href="#">Bulletin 20-10</a>
D262-7-3/16-LNWR	205589	<a href="#">Bulletin 20-10</a>
D262-8-3/16-LNWR	200927	<a href="#">Bulletin 20-10</a>
D262-9-3/16-LNWR	207477	<a href="#">Bulletin 20-10</a>
E RETAINER RING	280365	<a href="#">Bulletin 20-10</a>
G RETAINER RING	280367	<a href="#">Bulletin 20-10</a>
J RETAINER RING	280369	<a href="#">Bulletin 20-10</a>
L RETAINER RING	280371	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-17	280513	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-20	010011	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-25	280510	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-30	010013	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-35	010014	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-40	010015	<a href="#">Bulletin 20-10</a>
NOZZLE KIT A-50	010016	<a href="#">Bulletin 20-10</a>
NOZZLE KIT AR-25	010229	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-1	010035	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-2-1/2	010039	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-3	010040	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-4	010041	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-5	010042	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-6	010043	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-8	010044	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-10	200997	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-12	200998	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-15	200999	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-17	201000	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-20	201001	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-25	204815	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-30	201002	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-35	010052	<a href="#">Bulletin 20-10</a>
NOZZLE KIT C-50	010054	<a href="#">Bulletin 20-10</a>
NOZZLE KIT CR-30	010242	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-1/2	010094	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-1/4	010092	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-1	010096	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-1-1/2	010097	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-2	010098	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-3	010100	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-4	010101	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-5	280676	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-6	010103	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-8	201003	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-10	201004	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-12	201005	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-15	201006	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-17	201007	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-20	010109	<a href="#">Bulletin 20-10</a>
NOZZLE KIT E-25	010110	<a href="#">Bulletin 20-10</a>
NOZZLE KIT ER-3/4	010244	<a href="#">Bulletin 20-10</a>

DESCRIPTION	ITEM #	BULLETIN
NOZZLE KIT ER-3	010249	<a href="#">Bulletin 20-10</a>
NOZZLE KIT ER-5	010251	<a href="#">Bulletin 20-10</a>
NOZZLE KIT ER-8	205537	<a href="#">Bulletin 20-10</a>
NOZZLE KIT ER-12	010253	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-1/2	010135	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-1/4	010133	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-3/4	010136	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-1	010137	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-1-1/2	201076	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-2	010140	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-2-1/2	201077	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-3	202973	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-4	202200	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-5	201008	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-6	201009	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-8	201010	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-10	201011	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-12	010148	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-15	010149	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-17	010341	<a href="#">Bulletin 20-10</a>
NOZZLE KIT G-20	010342	<a href="#">Bulletin 20-10</a>
NOZZLE KIT GR-1/3	010259	<a href="#">Bulletin 20-10</a>
NOZZLE KIT GR-3	010267	<a href="#">Bulletin 20-10</a>
NOZZLE KIT GR-4	010268	<a href="#">Bulletin 20-10</a>
NOZZLE KIT GR-5	280100	<a href="#">Bulletin 20-10</a>
NOZZLE KIT GR-6	200994	<a href="#">Bulletin 20-10</a>
NOZZLE KIT GR-10	280802	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-1/2	204567	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-1/3	010202	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-1/4	010201	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-1/9	010199	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-3/4	204566	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-1	204565	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-1-1/2	204564	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-2	204568	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-2-1/2	010209	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-3	010210	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-4	010012	<a href="#">Bulletin 20-10</a>
NOZZLE KIT J-5	010045	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-1/2	200995	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-1/3	010272	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-3/4	200996	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-1	010273	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-2	010275	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-3	010277	<a href="#">Bulletin 20-10</a>
NOZZLE KIT JR-5	010279	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1/2	203658	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1/3	010203	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1/4	010147	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1/6	010146	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1/9	010145	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-3/4	010343	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1	010204	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1-1/2	010205	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-1-3/4	010206	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-2	010208	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-2-1/2	010211	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-3	010212	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-4	010213	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-5	010214	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-6	010215	<a href="#">Bulletin 20-10</a>
NOZZLE KIT L-8	010216	<a href="#">Bulletin 20-10</a>

# Electric Controls and Accessories

Sporlan **Kelvin II Controllers and Interface Board (IB)** are most commonly paired with Sporlan electric valves in air conditioning and refrigeration systems. This is the perfect solution for installations that require precise electronic control.



DESCRIPTION	ITEM #	BULLETIN
4349-000 18" CABLE ASSY PACKRD	958112	
CDS/CPC 2.5MM PIGTAIL	953193	
IB-G INTERFACE BOARD	953580	<a href="#">Bulletin 100-50-2.1</a>
KELVIN II CHILLER CONTROL W/ LOCAL DISPL	953463	<a href="#">Bulletin 100-50-5.6</a>
KELVIN II PRESSURE CONTROL	953474	<a href="#">Bulletin 100-50-5.5</a>
KELVIN II REMOT DISP CONF COAT SUPERHEAT	952568	<a href="#">Bulletin 100-50-5</a>
KELVIN II SUBCOOL CONTROLLER W/LOC DISPL	952570	<a href="#">Bulletin 100-50-5.2</a>
KELVIN II TEMPERATURE CONTROL	953462	<a href="#">Bulletin 100-50-5.3</a>
KELVIN II W/DISPLAY CONFO COAT SUPERHEAT	952567	<a href="#">Bulletin 100-50-5</a>
KELVIN II W/O DISPLY CONF COAT SUPERHEAT	952569	<a href="#">Bulletin 100-50-5</a>
NTC THERMISTOR ASSEMBLY 98.6K	952565	<a href="#">SD-245</a>
PANEL DISPLAY - SPORLAN	958737	<a href="#">Bulletin 100-50-5</a>
POTENTIOMETER ASSEMBLY	952741	
PRESSURE CABLE-PSPT000000CP20	953192	<a href="#">SD-245</a>
PRESSURE CABLE-PSPT000000CP50	953100	<a href="#">SD-245</a>
PSK201N5 115 VAC MT 1/2HP	PSK201N5	<a href="#">Bulletin 100-50-6.1</a>
PSK201N7 230 VAC MT 1.5HP	PSK201N7	<a href="#">Bulletin 100-50-6.1</a>
PSK203N5 115 VAC LT 1/2HP	PSK203N5	<a href="#">Bulletin 100-50-6.2</a>
PSK203N7 230 VAC LT 1.5HP	PSK203N7	<a href="#">Bulletin 100-50-6.2</a>
PSK204N9 115-230 VAC LT	PSK204N9	<a href="#">Bulletin 100-50-6.4</a>
PSK214N9EXBS 115-230 V 4 RELAY	PSK214N9EXBS	<a href="#">Bulletin 100-50-6.5</a>
PSK221N5EXBS 115 VAC MT 1/2HP	PSK221N5EXBS	<a href="#">Bulletin 100-50-6.3</a>
PSK221N7EXBS 230 VAC MT 1.5HP	PSK221N7EXBS	<a href="#">Bulletin 100-50-6.3</a>
PSK223N5EXBS 120 VAC LT 1/3HP	PSK223N5EXBS	<a href="#">Bulletin 100-50-6.2</a>
PSK223N7EXBS 230 VAC LT 1/2HP	PSK223N7EXBS	<a href="#">Bulletin 100-50-6.2</a>
PSK231N5EXBS 115 VAC MT 1HP	PSK231N5EXBS	<a href="#">Bulletin 100-50-6.3</a>
PSK231N7EXBS 230 VAC MT 2HP	PSK231N7EXBS	<a href="#">Bulletin 100-50-6.3</a>

DESCRIPTION	ITEM #	BULLETIN
PSK233N5EXBS 115 VAC LT 1HP	PSK233N5EXBS	<a href="#">Bulletin 100-50-6.2</a>
PSK233N7EXBS 230 VAC LT 2HP	PSK233N7EXBS	<a href="#">Bulletin 100-50-6.2</a>
PSKEY PROGRAMMING KEY	PSKEY	<a href="#">Form 100-359</a>
PSPT0150AVSP-B	953291	<a href="#">SD-245</a>
PSPT0150SVSP-S	952572	<a href="#">SD-245</a>
PSPT0300SVSP-S	952574	<a href="#">SD-245</a>
PSPT0500SVSP-S	952576	<a href="#">SD-245</a>
PSPT0652SVSP-S	952579	<a href="#">SD-245</a>
PSTPN615F200 TEMP PROBE 5'-S	952899	<a href="#">Form 100-359</a>
PSTPN630F200 TEMP PROBE 10'-S	952898	<a href="#">Form 100-359</a>
SENSOR - TCB AIR	952669	<a href="#">SD-245</a>
SENSOR - TEMP - 3K - 20 FT	952571	<a href="#">SD-245</a>
SENSOR KIT LESS WELL-2K	952975	<a href="#">SD-245</a>
SENSOR WELL-2K	952969	<a href="#">SD-245</a>
SENSOR-TEMP-KELVIN/RCS-2M-3K	952551	<a href="#">SD-245</a>
SMA-12 ASSY	953276	<a href="#">SD-213</a>
SMA-12 ASSY W/CPC PIGTAIL	953229	<a href="#">SD-213</a>
SMA-12 ASSY W/PACKARD PIGTAIL	953277	<a href="#">SD-213</a>
SMA-12 W/CPC 2.5MM CONN	953158	<a href="#">SD-213</a>
TCB	952660	<a href="#">Bulletin 100-50-1</a>
TCB W/1 AMP	952792	<a href="#">Bulletin 100-50-1</a>
TCB W/POTENTIOMETER	952664	<a href="#">Bulletin 100-50-1</a>
TCB W/POTENTIOMETER W/1 AMP	952793	<a href="#">Bulletin 100-50-1</a>
TCB/QUICK RESPONSE	952714	<a href="#">Bulletin 100-50-1</a>
TEMPERATURE SENSOR ASSY 2K	952662	<a href="#">SD-245</a>
WELL SENSOR KIT	952795	<a href="#">SD-245</a>

# Electric Valves

## ELECTRIC DISCHARGE BYPASS VALVES - SDR SERIES

Sporlan **SDR Electric Discharge Bypass Valves** are designed specifically for precise control of discharge gas bypass applications. Featuring high resolution actuator assemblies, these valves provide unmatched control capability across a wide range of applications and loads. These valves are most commonly paired with a Sporlan Pressure Control, Temperature Control or Interface Board (IB).



### SDR ELECTRIC DISCHARGE BYPASS VALVE NOMENCLATURE EXAMPLE

<b>S</b>	<b>DR</b>	<b>-</b>	<b>2</b>	<b>4 x 4</b>	<b>ODF</b>	<b>10'</b>	<b>-</b>	<b>S</b>
Step Motor Operated	Discharge Regulator		Valve Model	Inlet x Outlet Connection in 1/8"	ODF Solder	Cable Length LC = Less Cable		Stripped and Tinned Cable Ends

DESCRIPTION	ITEM #	BULLETIN
SDR-1X 3X3 ODF LESS CABLE	953477	<a href="#">Bulletin 100-60</a>
SDR-1X 4X4 ODF LESS CABLE	953478	<a href="#">Bulletin 100-60</a>
SDR-2 3X3 ODF LESS CABLE	953481	<a href="#">Bulletin 100-60</a>
SDR-2 4X4 ODF LESS CABLE	953482	<a href="#">Bulletin 100-60</a>
SDR-2X 4X4 ODF LESS CABLE	953485	<a href="#">Bulletin 100-60</a>
SDR-2X 5X5 ODF LESS CABLE	953486	<a href="#">Bulletin 100-60</a>
SDR-2X 7 ODF LESS CABLE	805329	<a href="#">Bulletin 100-60</a>
SDR-3 3ODF 10'-S	930002	<a href="#">Bulletin 100-60</a>
SDR-3 4ODF 10'-S	930003	<a href="#">Bulletin 100-60</a>
SDR-3 4ODF 20'-S	930010	<a href="#">Bulletin 100-60</a>
SDR-3 5ODF 10'-S	930004	<a href="#">Bulletin 100-60</a>

DESCRIPTION	ITEM #	BULLETIN
SDR-3 5ODF 20'-S	930012	<a href="#">Bulletin 100-60</a>
SDR-3X 4ODF 10'-S	930022	<a href="#">Bulletin 100-60</a>
SDR-3X 5ODF 10'-S	930023	<a href="#">Bulletin 100-60</a>
SDR-3X 3ODF 10'-S	930027	<a href="#">Bulletin 100-60</a>
SDR-3X 5ODF 20'-S	930026	<a href="#">Bulletin 100-60</a>
SDR-4 7ODF 10'-S	930000	<a href="#">Bulletin 100-60</a>
SDR-4 7ODF 20'-S	930014	<a href="#">Bulletin 100-60</a>
SDR-4 7ODF 40'-S	930013	<a href="#">Bulletin 100-60</a>
SDR-4 9ODF 10'-S	930001	<a href="#">Bulletin 100-60</a>
SDR-5 11ODF 10'-S	930035	<a href="#">Bulletin 100-60</a>

## ELECTRIC EXPANSION VALVES - SEH(I) SERIES

Sporlan **SEH(I) Electric Expansion Valves** are electronically controlled, stepper motor driven valves, intended for precise control of liquid refrigerant flow. Featuring high resolution actuator assemblies, these valves provide unmatched control capability across a wide range of applications and loads. These valves are most commonly paired with a Sporlan Superheat Control, Subcool Control, Chiller Control or Interface Board (IB).



### SEH(I)-175, -400, -P ELECTRIC EXPANSION VALVE NOMENCLATURE EXAMPLE

<b>SEH</b>	<b>I</b>	<b>-</b>	<b>175</b>	<b>13 x 17</b>	<b>ODF</b>	<b>10'</b>	<b>-</b>	<b>S</b>	<b>ST</b>
Valve Family	I = Integral Sight Glass		Valve Model	Inlet x Outlet Connection in 1/8"	ODF Solder	Cable Length		Stripped and Tinned Cable Ends	ST = Straight Thru Configuration AN = Angle Configuration

DESCRIPTION	ITEM #	BULLETIN
SEH-175 9X17 ODF-10-S ST	952746	<a href="#">Bulletin 100-20</a>
SEH-175 11X17 ODF-10-S ST	952698	<a href="#">Bulletin 100-20</a>
SEH-175 11X17 ODF-20-S ST	952701	<a href="#">Bulletin 100-20</a>
SEH-175 13X17 ODF-10-S ST	952699	<a href="#">Bulletin 100-20</a>
SEH-175 13X17 ODF-20-S ST	952808	<a href="#">Bulletin 100-20</a>
SEH-175 13X17 ODF-30-S ST	952704	<a href="#">Bulletin 100-20</a>
SEH-175 13X17 ODF-40-S ST	952693	<a href="#">Bulletin 100-20</a>
SEH-P 11X11 ODF 20'-S	953298	<a href="#">Bulletin 100-20</a>
SEH-P 11X13 ODF 20'-S	953299	<a href="#">Bulletin 100-20</a>
SEH-P 11X17 ODF 20'-S	953300	<a href="#">Bulletin 100-20</a>
SEH-P 13X13 ODF 20'-S	953301	<a href="#">Bulletin 100-20</a>
SEH-P 13X17 ODF 20'-S	953302	<a href="#">Bulletin 100-20</a>

DESCRIPTION	ITEM #	BULLETIN
SEHI-175 11X17ODF 10-S AN	953019	<a href="#">Bulletin 100-20</a>
SEHI-175 13X17ODF 10-S AN	953033	<a href="#">Bulletin 100-20</a>
SEHI-175 13X17ODF 10-S ST	953002	<a href="#">Bulletin 100-20</a>
SEHI-175 13X17ODF 20-S ST	953012	<a href="#">Bulletin 100-20</a>
SEHI-175 13X17ODF 30-S ST	953010	<a href="#">Bulletin 100-20</a>
SEHI-400 13X17ODF 10-S AN	953101	<a href="#">Bulletin 100-20</a>
SEHI-400 13X17ODF 20-S AN	953294	<a href="#">Bulletin 100-20</a>
SEHI-400 17X17ODF 20-S AN	953286	<a href="#">Bulletin 100-20</a>
SEHI-400 17X21ODF 20-S AN	953489	<a href="#">Bulletin 100-20</a>
SEHI-400 21X21ODF 20-S AN	953251	<a href="#">Bulletin 100-20</a>
SEHI-400 21ODFX25ODM 30-S AN	953255	<a href="#">Bulletin 100-20</a>

# Electric Valves

## ELECTRIC EXPANSION VALVES - SER SERIES

Sporlan **SER Electric Expansion Valves** are electronically controlled, stepper motor driven valves, intended for precise control of liquid refrigerant flow. Featuring high resolution actuator assemblies, these valves provide unmatched control capability across a wide range of applications and loads. These valves are most commonly paired with a Sporlan Superheat Control, Subcool Control, Chiller Control or Interface Board (IB).



### SER-AA, -A, -B, -C, -D ELECTRIC EXPANSION VALVE NOMENCLATURE EXAMPLE

SER	D	HP	S	3 x 4	ODF	10'	S
Valve Family	Valve Model	-AA, -A Only High MRP Designation	<b>SER-DS Configuration Only</b> Blank = Angle S = Straight Thru Offset	Inlet x Outlet Connection in 1/8"	ODF Solder	Cable Length LC = Less Cable	Stripped and Tinned Cable Ends

DESCRIPTION	ITEM #	BULLETIN
SER-A 3X3 ODF 10'-S	805232	<a href="#">Bulletin 100-20</a>
SER-A 3X4 ODF 10'-S	805233	<a href="#">Bulletin 100-20</a>
SER-A-HP 3x3 ODF 10'-S	805640	<a href="#">Bulletin 100-20</a>
SER-A-HP 3x3 ODF LC	805632	<a href="#">Bulletin 100-20</a>
SER-A-HP 3x4 ODF 10'-S	805641	<a href="#">Bulletin 100-20</a>
SER-A-HP 3x4 ODF LC	805633	<a href="#">Bulletin 100-20</a>
SER-AA 3X3 ODF 10'-S	805216	<a href="#">Bulletin 100-20</a>
SER-AA 3X4 ODF 10'-S	805217	<a href="#">Bulletin 100-20</a>
SER-AA-HP 3x3 ODF 10'-S	805638	<a href="#">Bulletin 100-20</a>
SER-AA-HP 3x3 ODF LC	805629	<a href="#">Bulletin 100-20</a>
SER-AA-HP 3x4 ODF 10'-S	805639	<a href="#">Bulletin 100-20</a>
SER-AA-HP 3x4 ODF LC	805631	<a href="#">Bulletin 100-20</a>
SER-B 3X3 ODF 10'-S	805147	<a href="#">Bulletin 100-20</a>
SER-B 3X4 ODF 10'-S	805145	<a href="#">Bulletin 100-20</a>
SER-B 3X5 ODF 10'-S	805146	<a href="#">Bulletin 100-20</a>

DESCRIPTION	ITEM #	BULLETIN
SER-C 3X3 ODF 10'-S	805152	<a href="#">Bulletin 100-20</a>
SER-C 3X4 ODF 10'-S	805130	<a href="#">Bulletin 100-20</a>
SER-C 3X5 ODF 10'-S	805155	<a href="#">Bulletin 100-20</a>
SER-C 4X4 ODF 10'-S	953348	<a href="#">Bulletin 100-20</a>
SER-C 4X5 ODF 10'-S	805179	<a href="#">Bulletin 100-20</a>
SER-DS 3X4 ODF 10'-S	805230	<a href="#">Bulletin 100-20</a>
SER-DS 3X5 ODF 10'-S	805201	<a href="#">Bulletin 100-20</a>
SER-DS 4X4 ODF 10'-S	805241	<a href="#">Bulletin 100-20</a>
SER-DS 4X5 ODF 10'-S	805161	<a href="#">Bulletin 100-20</a>
SER-DS 4X7 ODF 10'-S	805242	<a href="#">Bulletin 100-20</a>
SER-DS 4X9 ODF 10'-S	805231	<a href="#">Bulletin 100-20</a>
SER-DS 5X5 ODF 10'-S	805198	<a href="#">Bulletin 100-20</a>
SER-DS 5X7 ODF 10'-S	805160	<a href="#">Bulletin 100-20</a>
SER-DS 5X9 ODF 10'-S	805162	<a href="#">Bulletin 100-20</a>

# Electric Valves

## ELECTRIC EXPANSION VALVES - SERI SERIES

Sporlan's **SERI Valves** are stepper motor actuated electric expansion valves intended for use in direct expansion refrigeration and air conditioning applications. The SER valve is suited for a wide range of applications due to its compatibility with HCFC, HFC, HFO and HC refrigerants and Mineral, Alkylbenzene and Polyolester Oils. The SERI product is also offered with an integrated sightglass for viewing refrigerant flow for troubleshooting. The valve is serviceable so the pin and port can be cleaned and the motor assembly replaced if needed. Both angled and straight configuration are offered for most models.



### SERI-F, -G, -J, -K, -L ELECTRIC EXPANSION VALVE NOMENCLATURE EXAMPLE

<b>SER</b>	<b>I</b>	<b>K</b>	<b>S</b>	<b>9 x 11</b>	<b>ODF</b>	<b>M12</b>	<b>10'</b>	<b>S</b>
Valve Family	I = Integral Sight Glass	Valve Model	Blank = Angle S = Straight Thru Offset Configuration	Inlet x Outlet Connection in 1/8"	ODF Solder	Cable Type	Cable Length	Stripped and Tinned Cable Ends

Electric Controls and Valves

DESCRIPTION	ITEM #	BULLETIN
SERI-F 5X7 ODF M12 10'-S	805521	<a href="#">Bulletin 100-20-4</a>
SERI-F 7X7 ODF M12 10'-S	805523	<a href="#">Bulletin 100-20-4</a>
SERI-F 7X9 ODF M12 10'-S	805524	<a href="#">Bulletin 100-20-4</a>
SERI-G 5X7 ODF M12 10'-S	805526	<a href="#">Bulletin 100-20</a>
SERI-G 7X4 ODF M12 10'-S	805527	<a href="#">Bulletin 100-20</a>
SERI-G 7X9 ODF M12 10'-S	805528	<a href="#">Bulletin 100-20</a>
SERI-GS 5X7 ODF M12 10'-S	805532	<a href="#">Bulletin 100-20</a>
SERI-GS 7X11ODF M12 10'-S	805535	<a href="#">Bulletin 100-20</a>
SERI-GS 7X7 ODF M12 10'-S	805533	<a href="#">Bulletin 100-20</a>
SERI-GS 7X9 ODF M12 10'-S	805534	<a href="#">Bulletin 100-20</a>
SERI-J 7X7 ODF M12 10'-S	805537	<a href="#">Bulletin 100-20</a>
SERI-J 7X9 ODF M12 10'-S	805538	<a href="#">Bulletin 100-20</a>
SERI-J 7X11 ODF M12 10'-S	805539	<a href="#">Bulletin 100-20</a>
SERI-J 9X11 ODF M12 10'-S	805543	<a href="#">Bulletin 100-20</a>
SERI-JS 7X7 ODF M12 10'-S	805544	<a href="#">Bulletin 100-20</a>

DESCRIPTION	ITEM #	BULLETIN
SERI-JS 7X9 ODF M12 10'-S	805545	<a href="#">Bulletin 100-20</a>
SERI-JS 9X9 ODF M12 10'-S	805547	<a href="#">Bulletin 100-20</a>
SERI-JS 9X11 ODF M12 10'-S	805548	<a href="#">Bulletin 100-20</a>
SERI-K 9X7 ODF M12 10'-S	805550	<a href="#">Bulletin 100-20</a>
SERI-K 9X9 ODF M12 10'-S	805551	<a href="#">Bulletin 100-20</a>
SERI-K 9X11 ODF M12 10'-S	805552	<a href="#">Bulletin 100-20</a>
SERI-K 9X13 ODF M12 10'-S	805553	<a href="#">Bulletin 100-20</a>
SERI-KS 9X9 ODF M12 10'-S	805554	<a href="#">Bulletin 100-20</a>
SERI-KS 9X11 ODF M12 10'-S	805555	<a href="#">Bulletin 100-20</a>
SERI-KS 9X13 ODF M12 10'-S	805556	<a href="#">Bulletin 100-20</a>
SERI-L 11X11 ODF M12 10'-S	805564	<a href="#">Bulletin 100-20</a>
SERI-L 11X13 ODF M12 10'-S	805563	<a href="#">Bulletin 100-20</a>
SERI-LS 9X11ODF M12 10'-S	805566	<a href="#">Bulletin 100-20</a>
SERI-LS 11X13ODF M12 10'-S	805570	<a href="#">Bulletin 100-20</a>



# Electric Valves

## ELECTRIC PRESSURE REGULATING VALVES - CDS SERIES

Sporlan's **CDS Valves** are stepper motor actuated electric valves intended for use in direct expansion refrigeration and air conditioning applications. CDS valves are suited for a wide range of suction, liquid and discharge line applications due to their broad fluid temperature range. These applications include Electric Evaporator Pressure Regulator, Receiver Pressurization and Condenser Holdback for low ambient control. These valves are approved for use with HCFC, HFC, HFO and HC refrigerants and Mineral, Alkylbenzene and Polyolester Oils.



### CDS ELECTRIC PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

<b>CDS</b>	<b>T</b>	<b>-</b>	<b>9</b>	<b>7</b>	<b>ODF</b>	<b>M12</b>	<b>10'</b>	<b>-</b>	<b>S</b>
Valve Family	Inlet Pressure Tap		Valve Model	Inlet x Outlet Connection in 1/8"	ODF Solder	Cable Type	Cable Length		Stripped and Tinned Cable Ends

DESCRIPTION	ITEM #	BULLETIN
CDST-2 4 ODF M12 20'-S	805594	<a href="#">Bulletin 100-40</a>
CDST-2 5 ODF M12 20'-S	805595	<a href="#">Bulletin 100-40</a>
CDST-2 7 ODF M12 20'-S	805596	<a href="#">Bulletin 100-40</a>
CDST-4 4 ODF M12 20'-S	805597	<a href="#">Bulletin 100-40</a>
CDST-4 5 ODF M12 20'-S	805598	<a href="#">Bulletin 100-40</a>
CDST-4 7 ODF M12 20'-S	805599	<a href="#">Bulletin 100-40</a>
CDST-7 5 ODF M12 20-S	805608	<a href="#">Bulletin 100-40</a>
CDST-7 7 ODF M12 20-S	805609	<a href="#">Bulletin 100-40</a>
CDST-7 9 ODF M12 20'-S	805615	<a href="#">Bulletin 100-40</a>
CDST-7 11 ODF M12 20'-S	805618	<a href="#">Bulletin 100-40</a>
CDST-9 50DF 10'-S	940095	<a href="#">Bulletin 100-40</a>
CDST-9 50DF 20'-S	940089	<a href="#">Bulletin 100-40</a>
CDST-9 50DF 40'-S	940102	<a href="#">Bulletin 100-40</a>
CDST-9 70DF 10'-S	940077	<a href="#">Bulletin 100-40</a>
CDST-9 70DF 20'-S	940080	<a href="#">Bulletin 100-40</a>
CDST-9 70DF 30'-S	940086	<a href="#">Bulletin 100-40</a>

DESCRIPTION	ITEM #	BULLETIN
CDST-9 70DF 40'-S	940101	<a href="#">Bulletin 100-40</a>
CDST-9 90DF 10'-S	940067	<a href="#">Bulletin 100-40</a>
CDST-9 90DF 20'-S	940081	<a href="#">Bulletin 100-40</a>
CDST-9 90DF 40'-S	940107	<a href="#">Bulletin 100-40</a>
CDST-9 110DF 10'-S	940068	<a href="#">Bulletin 100-40</a>
CDST-9 110DF 20'-S	940082	<a href="#">Bulletin 100-40</a>
CDST-9 110DF 40'-S	940103	<a href="#">Bulletin 100-40</a>
CDST-17 110DF 10'-S	940078	<a href="#">Bulletin 100-40</a>
CDST-17 110DF 20'-S	940090	<a href="#">Bulletin 100-40</a>
CDST-17 110DF 40'-S	940100	<a href="#">Bulletin 100-40</a>
CDST-17 130DF 10'-S	940069	<a href="#">Bulletin 100-40</a>
CDST-17 130DF 20'-S	940083	<a href="#">Bulletin 100-40</a>
CDST-17 130DF 40'-S	940105	<a href="#">Bulletin 100-40</a>
CDST-17 170DF 10'-S	940087	<a href="#">Bulletin 100-40</a>
CDST-17 170DF 20'-S	940091	<a href="#">Bulletin 100-40</a>
CDST-17 170DF 40'-S	940098	<a href="#">Bulletin 100-40</a>

## GAS COOLER / FLASH GAS BYPASS VALVES FOR TRANSCRITICAL CO<sub>2</sub>

Sporlan **Gas Cooler (GC) and Flash Gas Bypass (FGB) Valves** are stepper motor driven pressure regulating valves designed to maintain gas cooler and flash tank system pressures for superior control and operation. The bodies are stainless steel and the motor housings are brass. They are designed for transcritical CO<sub>2</sub> refrigeration applications. Each is factory tested to ensure positive leak-free performance.



### GAS COOLER / FLASH GAS BYPASS VALVE NOMENCLATURE EXAMPLE

<b>GC</b>	<b>-</b>	<b>20</b>	<b>1/2"</b>	<b>LC</b>
Valve Family GC = Gas Cooler FGB = Flash Gas Bypass		Valve Model	Inlet x Outlet Connection	Less Cable

DESCRIPTION	ITEM #	BULLETIN
FGB-60 1" LESS CABLE	953376	<a href="#">Bulletin 100-80</a>
FGB-70 1" LESS CABLE	953377	<a href="#">Bulletin 100-80</a>
GC-10 1/2" LESS CABLE	953370	<a href="#">Bulletin 100-80</a>
GC-20 1/2" LESS CABLE	953371	<a href="#">Bulletin 100-80</a>

DESCRIPTION	ITEM #	BULLETIN
GC-30 3/4" LESS CABLE	953372	<a href="#">Bulletin 100-80</a>
GC-30 1" LESS CABLE	953373	<a href="#">Bulletin 100-80</a>
GC-40 1" LESS CABLE	953374	<a href="#">Bulletin 100-80</a>
GC-50 1" LESS CABLE	953375	<a href="#">Bulletin 100-80</a>

# Electric Valves

## MECHANICAL TO ELECTRIC VALVE CONVERSION KITS

Sporlan's **Conversion Kits** provide an efficient means for converting mechanical valve to an electronically controlled solution. These stepper motor actuated kits are available for the Sporlan SORIT valve and Parker A8, SPORT and A9 regulator valves. The Conversion kits simply bolt in place, requiring no torch or brazing for installation. The conversion saves the end user time and labor. Sporlan's Conversion Kits are approved for use with HCFC, HFC, HFO and HC refrigerants and Mineral, Alkylbenzene and Polyolester Oils.



DESCRIPTION	ITEM #	BULLETIN
KIT - A81 TO CDS-17 CONVERSION	183904	<a href="#">Bulletin 100-40-2</a>
KIT - A81 TO SDR-5 CONVERSION	183903	<a href="#">Bulletin 100-40-2</a>
KIT - A82 TO CDS-17 CONVERSION	183905	<a href="#">Bulletin 100-40-2</a>
KIT - A9 TO ELECTRIC VALVE CON	805580	<a href="#">Bulletin 100-40-2</a>

DESCRIPTION	ITEM #	BULLETIN
KIT-SORIT-12 TO CDS	901656	<a href="#">Bulletin 100-40-1</a>
KIT-SORIT-15 TO CDS	901654	<a href="#">Bulletin 100-40-1</a>
KIT-SORIT-20 TO CDS	901655	<a href="#">Bulletin 100-40-1</a>

Electric Controls and Valves

## MODULATING 3-WAY VALVES - MTW SERIES

Sporlan **Modulating 3-Way (MTW) Valves** allow control of refrigerant flow through two outlet ports. Two valve pistons are attached to a connecting rod and also to the stepper motor. As the MTW valve modulates, one port opens and the other port closes. The movement of the valve pistons relative to the two ports is inversely proportional. The MTW is constructed from a forged brass body for durable field operation, and uses a high quality 42 mm stepper motor.



### MODULATING 3-WAY VALVE NOMENCLATURE EXAMPLE

<b>MTW</b>	-	<b>9</b>	-	<b>7</b>	-	<b>ODF</b>	-	<b>20'</b>	-	<b>S</b>
Modulating 3-Way Valve		Valve Model		Inlet x Outlet Connection in 1/8"		ODF Solder		Cable Length		Stripped and Tinned Cable Ends

DESCRIPTION	ITEM #	BULLETIN
MTW-9 - 5 ODF - 20'-S	183908	<a href="#">Bulletin 100-40-3</a>
MTW-9 - 7 ODF - 20'-S	183907	<a href="#">Bulletin 100-40-3</a>
MTW-9 - 9 ODF - 20'-S	183906	<a href="#">Bulletin 100-40-3</a>

DESCRIPTION	ITEM #	BULLETIN
MTW-17 - 11 ODF - 20'-S	183911	<a href="#">Bulletin 100-40-3</a>
MTW-17 - 13 ODF - 20'-S	183910	<a href="#">Bulletin 100-40-3</a>
MTW-17 - 17 ODF - 20'-S	183909	<a href="#">Bulletin 100-40-3</a>

## ELECTRIC VALVE REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN
10882-000 GASKET	908079	<a href="#">Bulletin 122</a>
22010-000 GASKET (CDS-17)	908078	<a href="#">Bulletin 122</a>
2422-000 ADAPTOR	958071	<a href="#">Bulletin 122</a>
ESS-1U 60" STRIPPED	952526	<a href="#">Bulletin 122</a>
KIT - CABLE - M12-10'-S-4 WIRE	805194	<a href="#">Bulletin 122</a>
KIT - CABLE - M12-20'-S-4 WIRE	805195	<a href="#">Bulletin 122</a>
KIT - CABLE - M12-30'-S-4 WIRE	805343	<a href="#">Bulletin 122</a>
KIT - CABLE - M12-40'-S-4 WIRE	805344	<a href="#">Bulletin 122</a>
KIT - CABLE ASSY - SER(I) - 10'	805081	<a href="#">Bulletin 122</a>
KIT - CABLE ASSY - SER(I) - 20'	805082	<a href="#">Bulletin 122</a>
KIT - CABLE ASSY - SER(I) - 30'	805083	<a href="#">Bulletin 122</a>
KIT - CABLE ASSY - SER(I) - 40'	805084	<a href="#">Bulletin 122</a>
KIT - KS-CDS-2 M12	805577	<a href="#">Bulletin 122</a>
KIT - KS-CDS-4 M12	805578	<a href="#">Bulletin 122</a>
KIT - KS-CDS-7 M12	805579	<a href="#">Bulletin 122</a>
KIT - KS-SEH-100/175 MOTOR	958125	<a href="#">Bulletin 122</a>
KIT - KS-SEH(I)-175 MOTOR KIT	958126	<a href="#">Bulletin 122</a>
KIT - KS-SERI-F M12	805572	<a href="#">Bulletin 122</a>

DESCRIPTION	ITEM #	BULLETIN
KIT - KS-SERI-G M12	805573	<a href="#">Bulletin 122</a>
KIT - KS-SERI-J M12	805574	<a href="#">Bulletin 122</a>
KIT - KS-SERI-K M12	805575	<a href="#">Bulletin 122</a>
KIT - KS-SERI-L M12	805576	<a href="#">Bulletin 122</a>
KIT - SER CABLE CLIPS	958187	<a href="#">Bulletin 122</a>
KS-CDS-9 MOTOR KIT BUTT SPLICE	958122	<a href="#">Bulletin 122</a>
KS-CDS-9 MOTOR KIT PAKRD CONN	958176	<a href="#">Bulletin 122</a>
KS-CDS-16 MOTOR KIT	958111	<a href="#">Bulletin 122</a>
KS-CDS-17 MOTOR KIT	958123	<a href="#">Bulletin 122</a>
KS-CDS-17-P	380832	<a href="#">Bulletin 122</a>
KS-CDS-Y1177-1 KIT	958738	<a href="#">Bulletin 122</a>
KS-SDR-3	958131	<a href="#">Bulletin 122</a>
KS-SDR-3X	958159	<a href="#">Bulletin 122</a>
KS-SDR-4	958132	<a href="#">Bulletin 122</a>
KS-SEI-30 KIT	958146	<a href="#">Bulletin 122</a>
KS-SEI-50 MOTOR KIT	958124	<a href="#">Bulletin 122</a>
KS-Y1218/Y1231/SEHI-400	380821	<a href="#">Bulletin 122</a>

# Isolation Valves

The Sporlan **Isolation Valve** is a welded body joint that is factory tested to ensure positive leak-free performance. Dual Teflon seals surrounds the polished, brass ball to prevent leakages. There is an internal relief port design that ensures positive shut off of the valve in either flow direction, even during system evacuation. All Ball valves are bi-directional and may be installed in any position.



### BALL VALVE NOMENCLATURE EXAMPLE

<b>EBV</b>	<b>T</b>	<b>-</b>	<b>1</b>	<b>03</b>	<b>0</b>
Type	Access Fitting		Series: 1 = Full Port 2 = Reduced Port	Fitting Size: (In eighths of an inch) ie: 03 = 3/8"	Fitting Configuration 0 = ODF x ODF

DESCRIPTION	ITEM #	BULLETIN
EBV-1020	502029	<a href="#">Bulletin 50-10</a>
EBV-1030	502031	<a href="#">Bulletin 50-10</a>
EBV-1040	502033	<a href="#">Bulletin 50-10</a>
EBV-1050	502035	<a href="#">Bulletin 50-10</a>
EBV-1060	502037	<a href="#">Bulletin 50-10</a>
EBV-1070	502039	<a href="#">Bulletin 50-10</a>
EBV-1090	502041	<a href="#">Bulletin 50-10</a>
EBV-1110	502043	<a href="#">Bulletin 50-10</a>
EBV-1130	502045	<a href="#">Bulletin 50-10</a>
EBV-1170	502047	<a href="#">Bulletin 50-10</a>
EBV-1210	502028	<a href="#">Bulletin 50-10</a>
EBV-1250	502009	<a href="#">Bulletin 50-10</a>

DESCRIPTION	ITEM #	BULLETIN
EBVT-1020	502030	<a href="#">Bulletin 50-10</a>
EBVT-1030	502032	<a href="#">Bulletin 50-10</a>
EBVT-1040	502034	<a href="#">Bulletin 50-10</a>
EBVT-1050	502036	<a href="#">Bulletin 50-10</a>
EBVT-1060	502038	<a href="#">Bulletin 50-10</a>
EBVT-1070	502040	<a href="#">Bulletin 50-10</a>
EBVT-1090	502042	<a href="#">Bulletin 50-10</a>
EBVT-1110	502044	<a href="#">Bulletin 50-10</a>
EBVT-1130	502046	<a href="#">Bulletin 50-10</a>
EBVT-1170	502048	<a href="#">Bulletin 50-10</a>
EBVT-1210	502067	<a href="#">Bulletin 50-10</a>
EBVT-1250	502025	<a href="#">Bulletin 50-10</a>

Isolation Valves, Mufflers

# Mufflers

Sporlan's steel **Mufflers** are designed to assist with compressor related difficulties, such as noise reduction due to compressor pulsation and/or turbulent gas flow or vibration through the discharge line.



### MUFFLER NOMENCLATURE EXAMPLE

<b>M</b>	<b>-</b>	<b>16</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>S</b>
Muffler		Shell in Cubic Inch		Connection in 1/8"		Connections S-ODF

DESCRIPTION	ITEM #	BULLETIN
M-053-S	405144	
M-082-S	405147	
M-0825-S	405046	
M-083-S	405140	
M-084-S	405141	
M-085-S	405142	
M-163-S	405139	

DESCRIPTION	ITEM #	BULLETIN
M-164-S	405136	
M-165-S	405131	
M-304-S	405145	
M-305-S	405217	
M-306-S	405152	
M-307-S	405146	

# Oil Control System

Sporlan's **Oil Level Controls** were developed to offer the refrigeration industry an oil level control system of the highest quality. The controls, when matched properly, maintain a minimum oil level in the compressor crankcase during all phases of system operation. Each product is factory tested to ensure trouble-free performance.



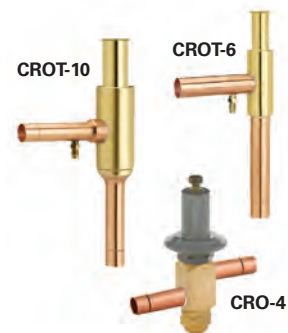
DESCRIPTION	ITEM #	BULLETIN
OCV-5 CHECK VALVE	960053	<a href="#">Bulletin 110-10</a>
OCV-10 CHECK VALVE	960055	<a href="#">Bulletin 110-10</a>
OCV-20 CHECK VALVE	960057	<a href="#">Bulletin 110-10</a>
OCV-30 CHECK VALVE	960080	<a href="#">Bulletin 110-10</a>
OF-303 OIL FILTER	960013	<a href="#">Bulletin 110-10</a>
OF-303-BP OIL FILTER W/BYPASS	960014	<a href="#">Bulletin 110-10</a>
OF-303-BP-T	960082	<a href="#">Bulletin 110-10</a>
OF-303-T OIL FILTER	960071	<a href="#">Bulletin 110-10</a>
OFE-1 OIL FILTER ELEMENT	960015	<a href="#">Bulletin 110-10</a>
OL-60AR OIL LEVEL CONTROL	960093	<a href="#">Bulletin 310-10-1</a>
OL-60CH OIL LEVEL CONTROL	960083	<a href="#">Bulletin 310-10-1</a>
OL-60FH OIL LEVEL CONTROL	960084	<a href="#">Bulletin 310-10-1</a>

DESCRIPTION	ITEM #	BULLETIN
OL-60HH6 OIL LEVEL CONTROL	960085	<a href="#">Bulletin 310-10-1</a>
OL-60NH-2 OIL LEVEL CONTROL	960086	<a href="#">Bulletin 310-10-1</a>
OL-600H OIL LEVEL CONTROL	960608	<a href="#">Bulletin 310-10-1</a>
OL-60TH-1 OIL LVL CONT	960101	<a href="#">Bulletin 310-10-1</a>
OL-60TH-2 OIL LVL CONT	960100	<a href="#">Bulletin 310-10-1</a>
OL-60XH OIL LEVEL CONTROL	960074	<a href="#">Bulletin 310-10-1</a>
OL-60XH-1 OIL LEVEL CONTROL	960075	<a href="#">Bulletin 310-10-1</a>
POR-2 OIL RESERVOIR	960096	<a href="#">Bulletin 110-10</a>
POR-3 OIL RESERVOIR	960097	<a href="#">Bulletin 110-10</a>
POR-4 OIL RESERVOIR	960098	<a href="#">Bulletin 110-10</a>
ROF-413-T REPLACEABLE FILTER	960092	<a href="#">Bulletin 110-10</a>
Y1236-C 3 SAE	304701	<a href="#">Bulletin 110-10</a>

# Pressure Regulating Valves

## CRANKCASE PRESSURE REGULATING VALVES - CRO(T) SERIES

The Sporlan **Type CRO(T) Crankcase Pressure Regulating Valves** have a brass body, extended copper connections, and inlet strainer. They are available with a range of adjustable settings and optional pressure tap. These valves automatically throttle the vapor flow from the evaporator, until the compressor can handle the load.



### CRO(T) CRANKCASE PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

CRO	T	-	10	0/60	9	ODF	WS
Valve Type: Close on Rise of Outlet Pressure	Access Valve on Inlet Connection (Omit if not needed)		Port Size in 1/8"	Adjustment Range	Connection in 1/8"	ODF Solder or SAE Flare	With Strainer

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
CRO-4-0/20 3X3 ODF WS	900001	<a href="#">Bulletin 90-10</a>	CRO-10 0/60 9 ODF WS	900528	<a href="#">Bulletin 90-10</a>
CRO-4-0/20 3X3 SAE	900000	<a href="#">Bulletin 90-10</a>	CRO-10 0/60 11 ODF WS	900542	<a href="#">Bulletin 90-10</a>
CRO-4-0/20 4X4 ODF WS	900002	<a href="#">Bulletin 90-10</a>	CRO-10 30/110 7 ODF WS	900330	<a href="#">Bulletin 90-10</a>
CRO-4-0/20 4X4 SAE	900007	<a href="#">Bulletin 90-10</a>	CRO-10 30/110 9 ODF WS	900335	<a href="#">Bulletin 90-10</a>
CRO-4-0/50 3X3 ODF WS	900043	<a href="#">Bulletin 90-10</a>	CRO-10 30/110 11 ODF WS	900340	<a href="#">Bulletin 90-10</a>
CRO-4-0/50 3X3 SAE	900028	<a href="#">Bulletin 90-10</a>	CRO-10 30/110 4 ODF WS	900359	<a href="#">Bulletin 90-10</a>
CRO-4-0/50 4X4 ODF WS	900004	<a href="#">Bulletin 90-10</a>	CROT-6 30/110 4 SAE	900350	<a href="#">Bulletin 90-10</a>
CRO-4-0/50 4X4 SAE	900035	<a href="#">Bulletin 90-10</a>	CROT-6 30/110 5 ODF WS	900360	<a href="#">Bulletin 90-10</a>
CRO-4-0/75 3X3 ODF WS	900005	<a href="#">Bulletin 90-10</a>	CROT-6 30/110 5 SAE	900355	<a href="#">Bulletin 90-10</a>
CRO-4-0/75 3X3 SAE	900048	<a href="#">Bulletin 90-10</a>	CROT-6 30/110 7 ODF WS	900365	<a href="#">Bulletin 90-10</a>
CRO-4-0/75 4X4 ODF WS	900006	<a href="#">Bulletin 90-10</a>	CROT-6 30/110 9 ODF WS	900370	<a href="#">Bulletin 90-10</a>
CRO-6 0/60 4 ODF WS	900409	<a href="#">Bulletin 90-10</a>	CROT-6 0/60 4 ODF WS	900553	<a href="#">Bulletin 90-10</a>
CRO-6 0/60 4 SAE	900493	<a href="#">Bulletin 90-10</a>	CROT-6 0/60 4 SAE	900584	<a href="#">Bulletin 90-10</a>
CRO-6 0/60 5 ODF WS	900430	<a href="#">Bulletin 90-10</a>	CROT-6 0/60 5 ODF WS	900556	<a href="#">Bulletin 90-10</a>
CRO-6 0/60 5 SAE	900500	<a href="#">Bulletin 90-10</a>	CROT-6 0/60 5 SAE	900591	<a href="#">Bulletin 90-10</a>
CRO-6 0/60 7 ODF WS	900444	<a href="#">Bulletin 90-10</a>	CROT-6 0/60 7 ODF WS	900570	<a href="#">Bulletin 90-10</a>
CRO-6 0/60 9 ODF WS	900479	<a href="#">Bulletin 90-10</a>	CROT-6 0/60 9 ODF WS	900577	<a href="#">Bulletin 90-10</a>
CRO-6 30/110 4 ODF WS	900309	<a href="#">Bulletin 90-10</a>	CROT-10 0/60 7 ODF WS	900598	<a href="#">Bulletin 90-10</a>
CRO-6 30/110 4 SAE	900300	<a href="#">Bulletin 90-10</a>	CROT-10 0/60 9 ODF WS	900605	<a href="#">Bulletin 90-10</a>
CRO-6 30/110 5 ODF WS	900310	<a href="#">Bulletin 90-10</a>	CROT-10 0/60 11 ODF WS	900612	<a href="#">Bulletin 90-10</a>
CRO-6 30/110 7 ODF WS	900315	<a href="#">Bulletin 90-10</a>	CROT-10 30/110 7 ODF WS	900380	<a href="#">Bulletin 90-10</a>
CRO-6 30/110 9 ODF WS	900320	<a href="#">Bulletin 90-10</a>	CROT-10 30/110 9 ODF WS	900385	<a href="#">Bulletin 90-10</a>
CRO-10 0/60 7 ODF WS	900507	<a href="#">Bulletin 90-10</a>	CROT-10 30/110 11 ODF WS	900390	<a href="#">Bulletin 90-10</a>

# Pressure Regulating Valves

## EVAPORATOR PRESSURE REGULATING VALVES - (S)ORIT(-PI) SERIES

The Sporlan **Type (S)ORIT(-PI) Evaporator Regulating Valves** have a brass body, extended copper connections, and inlet strainer. They are available with a range of adjustable settings and pressure tap. The primary function of these valves, referred to as EPR valves, is to prevent the evaporator pressure from falling below a predetermined value or setting.



### ORIT EVAPORATOR PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

<b>ORI</b>	<b>T</b>	<b>-</b>	<b>10</b>	<b>0/50</b>	<b>9</b>	<b>ODF</b>	<b>WS</b>
Valve Type: Open on Rise of Inlet Pressure	Access Valve on Inlet Connection		Port Size in 1/8"	Adjustment Range	Connection in 1/8"	ODF Solder or SAE Flare	With Strainer

### (S)ORIT EVAPORATOR PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

<b>S</b>	<b>ORI</b>	<b>T</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>0/100</b>	<b>9</b>	<b>ODF</b>	<b>COIL</b>
Solenoid Stop Feature (Optional)	Valve Type: Open on Rise of Inlet Pressure	Access Valve on Inlet Connection		Valve Size 12 15 20		Adjustment Range psig	Connection in 1/8"	ODF Solder	L/C: Less Coil

### (S)ORIT-PI EVAPORATOR PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

<b>S</b>	<b>ORI</b>	<b>T</b>	<b>-</b>	<b>PI</b>	<b>-</b>	<b>2</b>	<b>7</b>	<b>S</b>	<b>E</b>	<b>-</b>	<b>0/100</b>	<b>COIL</b>
Solenoid Stop Feature (Optional)	Valve Type: Open on Rise of Inlet Pressure	Access Valve on Inlet Connection		Piloted Internally		Port Size in 1/4"	ODF Connection in 1/8"	Solenoid Stop Feature (Optional)	Electric Open Feature (Optional)		Adjustment Range psig	L/C: Less Coil

Oil Controls, PRVs

DESCRIPTION	ITEM #	BULLETIN
ORIT-6 0/50 3 ODF WS	901092	<a href="#">Bulletin 90-20</a>
ORIT-6 0/50 4 ODF WS	901093	<a href="#">Bulletin 90-20</a>
ORIT-6 0/50 4 SAE	901117	<a href="#">Bulletin 90-20</a>
ORIT-6 0/50 5 ODF WS	901096	<a href="#">Bulletin 90-20</a>
ORIT-6 0/50 5 SAE	901124	<a href="#">Bulletin 90-20</a>
ORIT-6 0/50 7 ODF WS	901103	<a href="#">Bulletin 90-20</a>
ORIT-6 0/50 9 ODF WS	901110	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 3 ODF WS	901100	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 4 ODF WS	901101	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 4 SAE	901194	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 5 ODF WS	901173	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 5 SAE	901201	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 7 ODF WS	901180	<a href="#">Bulletin 90-20</a>
ORIT-6 30/100 9 ODF WS	901187	<a href="#">Bulletin 90-20</a>
ORIT-10 0/50 7 ODF WS	901131	<a href="#">Bulletin 90-20</a>
ORIT-10 0/50 9 ODF WS	901138	<a href="#">Bulletin 90-20</a>
ORIT-10 0/50 11 ODF WS	901166	<a href="#">Bulletin 90-20</a>
ORIT-10 30/100 7 ODF WS	901208	<a href="#">Bulletin 90-20</a>
ORIT-10 30/100 9 ODF WS	901229	<a href="#">Bulletin 90-20</a>
ORIT-10 30/100 11 ODF WS	901250	<a href="#">Bulletin 90-20</a>
ORIT-12 0/100 9 ODF	901590	<a href="#">Bulletin 90-20</a>
ORIT-15 0/100 11 ODF	901597	<a href="#">Bulletin 90-20</a>
ORIT-20 0/100 13 ODF	901604	<a href="#">Bulletin 90-20</a>
ORIT-20-0/100 17 ODF	901638	<a href="#">Bulletin 90-20</a>
ORIT-PI-211-0/100	149075	<a href="#">Bulletin 90-20</a>
ORIT-PI-25-0/100	149072	<a href="#">Bulletin 90-20</a>
ORIT-PI-27-0/100	149073	<a href="#">Bulletin 90-20</a>

DESCRIPTION	ITEM #	BULLETIN
ORIT-PI-29-0/100	149074	<a href="#">Bulletin 90-20</a>
ORIT-PI-29E-0/100	149089	<a href="#">Bulletin 90-20</a>
ORIT-PI-311-0/100	149077	<a href="#">Bulletin 90-20</a>
ORIT-PI-313-0/100	149078	<a href="#">Bulletin 90-20</a>
ORIT-PI-313E-0/100	149088	<a href="#">Bulletin 90-20</a>
ORIT-PI-37-0/100	149104	<a href="#">Bulletin 90-20</a>
ORIT-PI-39-0/100	149076	<a href="#">Bulletin 90-20</a>
ORIT-PI-411-0/100	149080	<a href="#">Bulletin 90-20</a>
ORIT-PI-413-0/100	149081	<a href="#">Bulletin 90-20</a>
ORIT-PI-417-0/100	149082	<a href="#">Bulletin 90-20</a>
ORIT-PI-49-0/100	149079	<a href="#">Bulletin 90-20</a>
ORIT-PI-511-0/100	149083	<a href="#">Bulletin 90-20</a>
ORIT-PI-513-0/100	149084	<a href="#">Bulletin 90-20</a>
ORIT-PI-513E-0/100	149086	<a href="#">Bulletin 90-20</a>
ORIT-PI-517-0/100	149085	<a href="#">Bulletin 90-20</a>
SORIT-12 0/100 LESS COIL 9 ODF	901611	<a href="#">Bulletin 90-20</a>
SORIT-15 0/100 LESS COIL 11 ODF	901618	<a href="#">Bulletin 90-20</a>
SORIT-20 0/100 LESS COIL 13 ODF	901625	<a href="#">Bulletin 90-20</a>
SORIT-20 0/100 LESS COIL 17 ODF	901640	<a href="#">Bulletin 90-20</a>
SORIT-PI-211S-0/100 L/C	149024	<a href="#">Bulletin 90-20</a>
SORIT-PI-211SE-0/100 L/C	149033	<a href="#">Bulletin 90-20</a>
SORIT-PI-25S-0/100 L/C	149019	<a href="#">Bulletin 90-20</a>
SORIT-PI-25SE-0/100 L/C	149023	<a href="#">Bulletin 90-20</a>
SORIT-PI-27S-0/100 L/C	149020	<a href="#">Bulletin 90-20</a>
SORIT-PI-27SE-0/100 L/C	149021	<a href="#">Bulletin 90-20</a>
SORIT-PI-29S-0/100 L/C	149018	<a href="#">Bulletin 90-20</a>
SORIT-PI-29SE-0/100 L/C	149022	<a href="#">Bulletin 90-20</a>

# Pressure Regulating Valves

## EVAPORATOR PRESSURE REGULATING VALVES - (S)ORIT(-PI) SERIES

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
SORIT-PI-311S-0/100 L/C	149039	<a href="#">Bulletin 90-20</a>	SORIT-PI-413S-0/100 L/C	149053	<a href="#">Bulletin 90-20</a>
SORIT-PI-311SE-0/100 L/C	149047	<a href="#">Bulletin 90-20</a>	SORIT-PI-413SE-0/100 L/C	149059	<a href="#">Bulletin 90-20</a>
SORIT-PI-313S-0/100 L/C	149041	<a href="#">Bulletin 90-20</a>	SORIT-PI-417S-0/100 L/C	149057	<a href="#">Bulletin 90-20</a>
SORIT-PI-313SE-0/100 L/C	149096	<a href="#">Bulletin 90-20</a>	SORIT-PI-49S-0/100 L/C	149049	<a href="#">Bulletin 90-20</a>
SORIT-PI-37S-0/100 L/C	149035	<a href="#">Bulletin 90-20</a>	SORIT-PI-511S-0/100 L/C	149060	<a href="#">Bulletin 90-20</a>
SORIT-PI-37SE-0/100 L/C	149095	<a href="#">Bulletin 90-20</a>	SORIT-PI-513S-0/100 L/C	149062	<a href="#">Bulletin 90-20</a>
SORIT-PI-39S-0/100 L/C	149037	<a href="#">Bulletin 90-20</a>	SORIT-PI-513SE-0/100 L/C	149065	<a href="#">Bulletin 90-20</a>
SORIT-PI-39SE-0/100 L/C	149048	<a href="#">Bulletin 90-20</a>	SORIT-PI-517S-0/100 L/C	149067	<a href="#">Bulletin 90-20</a>
SORIT-PI-411S-0/100 L/C	149051	<a href="#">Bulletin 90-20</a>	SORIT-PI-517SE-0/100 L/C	149070	<a href="#">Bulletin 90-20</a>
SORIT-PI-411SE-0/100 L/C	149058	<a href="#">Bulletin 90-20</a>			

## DEFROST DIFFERENTIAL PRESSURE REGULATING VALVES - DDR and (O)LDR SERIES

The Sporlan **Type DDR, (O)LDR Differential Pressure Regulating Valves** have a cast iron painted body with copper connections and the (O)LDR differential pressure regulating valves have a brass body with copper connections. These valves are adjustable. The DDR creates a differential pressure between its inlet (discharge) pressure and the receiver pressure to allow reverse flow during the defrost cycle. The (O)LDR creates a differential pressure between the receiver and liquid header to allow reverse flow during the defrost cycle.



### DDR DEFROST DIFFERENTIAL PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

DDR	20	13	ODF	COIL
Discharge Differential Regulator	Valve Size	Connection in 1/8"	ODF Solder	L/C: Less Coil

### (O)LDR DEFROST DIFFERENTIAL PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

O	LDR	16	5/55	11	ODF	COIL
Normally Open (Omit for Normally Closed)	Liquid Differential Regulator	Valve Size 16 21	Adjustment Range psi	Connection in 1/8"	ODF Solder	L/C: Less Coil

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
DDR-20 13 ODF LESS COIL	307105	<a href="#">Bulletin 90-50</a>	OLDR-16 90DF LESS COIL	4093-00	<a href="#">Bulletin 90-50</a>
LDR-16 110DF LESS COIL	4095-00	<a href="#">Bulletin 90-50</a>	OLDR-16 110DF LESS COIL	4092-00	<a href="#">Bulletin 90-50</a>
LDR-21 130DF LESS COIL	4370-00	<a href="#">Bulletin 90-50</a>	OLDR-21 130DF LESS COIL	4372-00	<a href="#">Bulletin 90-50</a>
LDR-21 170DF LESS COIL	4371-00	<a href="#">Bulletin 90-50</a>	OLDR-21 170DF LESS COIL	4373-00	<a href="#">Bulletin 90-50</a>

# Pressure Regulating Valves

## DISCHARGE BYPASS PRESSURE CONTROL VALVES - (A)DR(I, S, P, H)(E) and SHGB(E) SERIES

The Sporlan **Type ADR, HGB, and SHGB Discharge Bypass Regulating Valves** have a brass body. The smaller capacity direct acting valves are available with SAE or ODF connections. The larger capacity pilot operated valves have extended copper connections. The direct acting valves are available with nonadjustable or adjustable settings. The pilot operated valves are available with adjustable settings. The primary function of these valves, referred to as DBV valves, is to limit the minimum evaporating pressure during periods of low load either to prevent coil icing or avoid operating the compressor at a lower suction pressure than it was designed to operate.



### (A)DR(I, S, P, H)(E) DISCHARGE BYPASS PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

A	DR	H	E	-	6	0/80	AR	7	ODF	WS
Adjustable Setting	Valve Type Discharge Regulating	Body Style (I, S, P, or H)	External Equalizer		Port Size in 1/8" ADR I-1/4 ADRSE-2 ADRPE-3 ADRHE-6	Adjustment Range (See Bulletin 90-40)	Adjustable Remote Bulb	Connection in 1/8"	ODF Solder SAE SAE Flare	With Strainer

### SHGB(E) DISCHARGE BYPASS PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

S	HGB	E	-	8	-	0/100	7	ODF	COIL
Solenoid Stop Feature (Optional)	Valve Type Hot Gas Bypass	External Equalizer		Valve Size 8 15		Adjustment Range (See Bulletin 90-40)	Connection in 1/8"	ODF Solder	L/C: Less Coil

DESCRIPTION	ITEM #	BULLETIN
ADRHE-6 0/30 5 ODF	903553	<a href="#">Bulletin 90-40</a>
ADRHE-6 0/30 7 ODF	903560	<a href="#">Bulletin 90-40</a>
ADRHE-6 0/30 9 ODF	903567	<a href="#">Bulletin 90-40</a>
ADRHE-6 0/80 5 ODF	903574	<a href="#">Bulletin 90-40</a>
ADRHE-6 0/80 7 ODF	903581	<a href="#">Bulletin 90-40</a>
ADRHE-6 0/80 7X7ODFX2SAE	903582	<a href="#">Bulletin 90-40</a>
ADRHE-6 0/80 9 ODF	903588	<a href="#">Bulletin 90-40</a>
ADRI-1-0/100 3X3 ODF ST	906439	<a href="#">Bulletin 90-40</a>
ADRI-1-0/100 3X4 ODF ST	906446	<a href="#">Bulletin 90-40</a>
ADRI-1-0/55 2X3 ODF ST	904745	<a href="#">Bulletin 90-40</a>
ADRI-1-0/55 3X3 ODF ST	904759	<a href="#">Bulletin 90-40</a>
ADRI-1-0/55 3X4 ODF ST	904766	<a href="#">Bulletin 90-40</a>
ADRI-1-0/55 3X4 SAE AN	904827	<a href="#">Bulletin 90-40</a>
ADRI-1-0/75 2X3 ODF ST	905585	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/100 2X3 ODF AN	906649	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/100 2X3 ODF ST	906593	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/100 3X3 ODF AN	906663	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/100 3X3 ODF ST	906607	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/100 3X3 SAE ST	906635	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/100 3X4 ODF ST	906614	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 2X2 ODF ST	904915	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 2X3 ODF AN	904969	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 2X3 ODF ST	904913	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 2X3 SAE ST	904941	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 3X3 ODF AN	904983	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 3X3 ODF ST	904927	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 3X3 SAE ST	904955	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/55 3X4 ODF ST	904934	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/75 2X3 ODF ST	905753	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/75 3X3 ODF AN	905823	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/75 3X3 ODF ST	905767	<a href="#">Bulletin 90-40</a>
ADRI-1-1/4-0/75 3X3 SAE ST	905795	<a href="#">Bulletin 90-40</a>
ADRI-1/2-0/100 2X3 ODF AN	906145	<a href="#">Bulletin 90-40</a>
ADRI-1/2-0/100 2X3 ODF ST	906089	<a href="#">Bulletin 90-40</a>
ADRI-1/2-0/100 3X3 ODF AN	906159	<a href="#">Bulletin 90-40</a>
ADRI-1/2-0/55 2X3 ODF AN	904465	<a href="#">Bulletin 90-40</a>

DESCRIPTION	ITEM #	BULLETIN
ADRI-1/2-0/55 2X3 ODF ST	904409	<a href="#">Bulletin 90-40</a>
ADRI-1/2-0/55 3X3 ODF ST	904423	<a href="#">Bulletin 90-40</a>
ADRI-1/2-0/55 3X4 ODF ST	904430	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/100 2X3 ODF ST	905921	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/100 3X3 ODF ST	905935	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/100 3X3 SAE ST	905963	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/100 3X4 ODF ST	905942	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/55 2X3 ODF AN	904297	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/55 2X3 ODF ST	904241	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/55 3X3 ODF AN	904311	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/55 3X3 ODF ST	904255	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/55 3X4 ODF ST	904262	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/75 2X3 ODF ST	905081	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/75 2X3 SAE AN	905159	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/75 3X3 ODF ST	905095	<a href="#">Bulletin 90-40</a>
ADRI-1/4-0/75 3SX3 ODF AN	904102	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/100 3X4 ODF ST	906278	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/55 2X3 ODF ST	904577	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/55 3X3 ODF ST	904591	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/55 3X4 ODF ST	904598	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/55 3X4 SAE ST	904626	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/75 2X3 ODF AN	905473	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/75 2X3 ODF ST	905417	<a href="#">Bulletin 90-40</a>
ADRI-7/8-0/75 3X3 ODF ST	905431	<a href="#">Bulletin 90-40</a>
ADRIE-1-0/100 3X4 ODF ST	906530	<a href="#">Bulletin 90-40</a>
ADRIE-1-0/55 3X3 ODF ST	904843	<a href="#">Bulletin 90-40</a>
ADRIE-1-0/75 3X3 ODF ST	905683	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/100 2X3 ODF ST	906677	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/100 3X3 ODF ST	906691	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/100 3X3 SAE ST	906719	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/100 3X4 ODF ST	906698	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/55 2X3 ODF ST	904997	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/55 2X3 ODF AN	905067	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/55 3X3 ODF ST	905011	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/55 3X3 SAE ST	905039	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/55 3X4 ODF ST	905018	<a href="#">Bulletin 90-40</a>



# Pressure Regulating Valves

## DISCHARGE BYPASS PRESSURE CONTROL VALVES - (A)DR(I, S, P, H)(E) and SHGB(E) SERIES

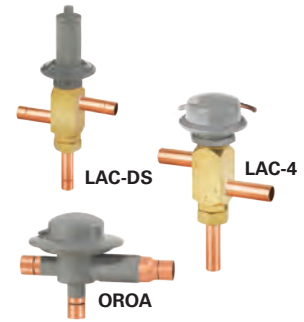
DESCRIPTION	ITEM #	BULLETIN
ADRIE-1-1/4-0/75 3X3 ODF ST	905851	<a href="#">Bulletin 90-40</a>
ADRIE-1-1/4-0/75 3X4 ODF ST	905858	<a href="#">Bulletin 90-40</a>
ADRIE-1/2-0/55 3X3 ODF AN	904563	<a href="#">Bulletin 90-40</a>
ADRIE-1/2-0/75 3X3 ODF ST	905347	<a href="#">Bulletin 90-40</a>
ADRIE-1/4-0/100 3X4 ODF ST	906026	<a href="#">Bulletin 90-40</a>
ADRIE-1/4-0/55 2X3 ODF ST	904325	<a href="#">Bulletin 90-40</a>
ADRIE-1/4-0/55 3X3 ODF ST	904339	<a href="#">Bulletin 90-40</a>
ADRIE-1/4-0/75 3X3 ODF ST	905179	<a href="#">Bulletin 90-40</a>
ADRP-3 0/30 4 ODF	903441	<a href="#">Bulletin 90-40</a>
ADRP-3 0/30 5 ODF	903448	<a href="#">Bulletin 90-40</a>
ADRP-3 0/80 4 ODF	903497	<a href="#">Bulletin 90-40</a>
ADRP-3 0/80 5 ODF	903504	<a href="#">Bulletin 90-40</a>
ADRPE-3 0/30 4 ODF	903469	<a href="#">Bulletin 90-40</a>
ADRPE-3 0/30 5 ODF	903476	<a href="#">Bulletin 90-40</a>
ADRPE-3 0/80 4 ODF	903525	<a href="#">Bulletin 90-40</a>
ADRPE-3 0/80 4 SAE	903539	<a href="#">Bulletin 90-40</a>
ADRPE-3 0/80 5 ODF	903532	<a href="#">Bulletin 90-40</a>
ADRPE-3 0/80 5 SAE	903546	<a href="#">Bulletin 90-40</a>
ADRS-2 0/30 3 ODF	903273	<a href="#">Bulletin 90-40</a>
ADRS-2 0/30 4 ODF	903280	<a href="#">Bulletin 90-40</a>
ADRS-2 0/30 5 ODF	903287	<a href="#">Bulletin 90-40</a>
ADRS-2 0/80 3 ODF	903357	<a href="#">Bulletin 90-40</a>
ADRS-2 0/80 4 ODF	903364	<a href="#">Bulletin 90-40</a>
ADRS-2 0/80 5 ODF	903371	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/30 3 ODF	903315	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/30 4 ODF	903322	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/30 4 SAE	903343	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/30 5 ODF	903329	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/80 3 ODF	903399	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/80 4 ODF	903406	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/80 4 SAE	903427	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/80 5 ODF	903413	<a href="#">Bulletin 90-40</a>
ADRSE-2 0/80 5 SAE	903434	<a href="#">Bulletin 90-40</a>
DRHE-6-25/35AR 7X7 ODF 5'	903742	<a href="#">Bulletin 90-40</a>
DRHE-6-25/35AR 9X9 ODF 5'	903749	<a href="#">Bulletin 90-40</a>
DRHE-6-50/65AR 9X9 ODF 5'	903791	<a href="#">Bulletin 90-40</a>
DRHE-6-55/70AR 5X5 ODF 5'	903798	<a href="#">Bulletin 90-40</a>

DESCRIPTION	ITEM #	BULLETIN
DRHE-6-55/70AR 7X7 ODF 5'	903805	<a href="#">Bulletin 90-40</a>
DRHE-6-55/70AR 9X9 ODF 5'	903812	<a href="#">Bulletin 90-40</a>
DRHE-6-60/75AR 7X7 ODF 5'	903813	<a href="#">Bulletin 90-40</a>
DRHE-6-65/80AR 7X7 ODF 5'	903826	<a href="#">Bulletin 90-40</a>
DRHE-6-65/80AR 9X9 ODF 5'	903833	<a href="#">Bulletin 90-40</a>
DRI-1-1/4-25 2X3 ODF ST	904116	<a href="#">Bulletin 90-40</a>
DRP-3-55/70AR 5 ODF 5'	903684	<a href="#">Bulletin 90-40</a>
DRPE-3-50/65AR 5 ODF 5'	903658	<a href="#">Bulletin 90-40</a>
DRPE-3-55/70AR 4 ODF 5'	903679	<a href="#">Bulletin 90-40</a>
DRPE-3-55/70AR 5 ODF 5'	903686	<a href="#">Bulletin 90-40</a>
DRPE-3-55/70AR 5 SAE 5'	903700	<a href="#">Bulletin 90-40</a>
DRPE-3-65/80AR 5 ODF 5'	903714	<a href="#">Bulletin 90-40</a>
HGBE-8-75/150 7X7 ODF	904083	<a href="#">Bulletin 90-40</a>
HGBE-1-120/150 3X3X2 ODF	904094	<a href="#">Bulletin 90-40</a>
HGBE-1-120/150 4X4X2 ODF	904097	<a href="#">Bulletin 90-40</a>
HGBE-1-60/90 3X3X2 ODF	904092	<a href="#">Bulletin 90-40</a>
HGBE-1-60/90 4X4X2 ODF	904095	<a href="#">Bulletin 90-40</a>
HGBE-1-90/120 3X3X2 ODF	904093	<a href="#">Bulletin 90-40</a>
HGBE-1-90/120 4X4X2 ODF	904096	<a href="#">Bulletin 90-40</a>
HGBE-5-95/115 4 ODF	904068	<a href="#">Bulletin 90-40</a>
HGBE-5-95/115 5 ODF	904067	<a href="#">Bulletin 90-40</a>
HGBE-5-95/115 3 ODF	904065	<a href="#">Bulletin 90-40</a>
HGBE-6-95/115 7X7X2 ODF	904091	<a href="#">Bulletin 90-40</a>
HGBE-6-95/115 5X5X2 ODF	904090	<a href="#">Bulletin 90-40</a>
HGBE-8-75/150 7X7X2 ODF	904073	<a href="#">Bulletin 90-40</a>
HGBE-8-75/150 7X7 ODFX2SAE	904062	<a href="#">Bulletin 90-40</a>
HGBE-8-75/150 9X9 ODFX2 ODF	904080	<a href="#">Bulletin 90-40</a>
HGBE-8-75/150 9X9 ODFX2SAE	904069	<a href="#">Bulletin 90-40</a>
SHGB-15-0/75 9 ODF LESS COIL	904075	<a href="#">Bulletin 90-40</a>
SHGB-15-0/75 11 ODF LESS COIL	904076	<a href="#">Bulletin 90-40</a>
SHGB-8-0/100 7 ODF LESS COIL	904015	<a href="#">Bulletin 90-40</a>
SHGB-8-0/100 9 ODF LESS COIL	904016	<a href="#">Bulletin 90-40</a>
SHGBE-15-0/75 9 ODF LESS COIL	904077	<a href="#">Bulletin 90-40</a>
SHGBE-15-0/75 11 ODF LESS COIL	904078	<a href="#">Bulletin 90-40</a>
SHGBE-8-0/100 7 ODF LESS COIL	904010	<a href="#">Bulletin 90-40</a>
SHGBE-8-0/100 9 ODF LESS COIL	904009	<a href="#">Bulletin 90-40</a>

# Pressure Regulating Valves

## HEAD PRESSURE CONTROL VALVES - LAC, ORD, and OROA SERIES

The Sporlan **Type LAC, ORD, and OROA Head Pressure Control Valves** have a brass body with copper connections. These valves are nonadjustable. They perform the function of limiting flow of refrigerant from the condenser and at the same time regulate the flow of hot gas around the condenser to the receiver during low ambient conditions, so as to keep the refrigerant in the liquid line at proper pressure.



### LAC-4 HEAD PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

LAC	4	DS	HP	100/180	3/8	ODF
Valve Type: Low Ambient Control	Valve Size	Dual Setting (Omit for Std. Dome Element)	High Pressure (ex. R-410A) Omit for non-HP	Valve Setting psig (Specify one setting for Std. Dome Element)	Discharge, Condenser, Receiver Connection ODF	Solder Connection

### LAC-5 AND LAC-10 HEAD PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

LAC	5	180	HP or R	5/8	ODF
Valve Type: Low Ambient Control	Valve Size 5 10	Valve Setting psig	High Pressure - Remote Bulb Model (Omit for Std. Dome Element - Non HP)	Discharge, Condenser, Receiver Connection ODF	Solder Connection

### ORD PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

ORD	4	20	5	ODF
Valve Type: Open on Rise of Differential Pressure	Port Size in 1/8"	Opening Pressure Differential (psig)	Connection in 1/8"	ODF Solder

### OROA PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

OROA	5	180	5	ODF	WS
Valve Type: Open on Rise of Outlet Pressure	Port Size in 1/8"	Pressure Setting psig	Connection in 1/8"	ODF Solder	With Strainer

# Pressure Regulating Valves

## HEAD PRESSURE CONTROL VALVES - LAC, ORD, and OROA SERIES

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
LAC-4-100 1/2 ODF LS	903031	<a href="#">Bulletin 90-30</a>	LAC-10-200 11X7 ODF LS	903083	<a href="#">Bulletin 90-30</a>
LAC-4-100 3/8 ODF LS	903017	<a href="#">Bulletin 90-30</a>	LAC-10-210 7X7X7 ODF LS	903281	<a href="#">Bulletin 90-30</a>
LAC-4-120 1/2 ODF LS	903108	<a href="#">Bulletin 90-30</a>	LAC-10-210 11X7 ODF LS	903077	<a href="#">Bulletin 90-30</a>
LAC-4-120 3/8 ODF LS	903018	<a href="#">Bulletin 90-30</a>	LAC-10-210 11X9 ODF LS	903078	<a href="#">Bulletin 90-30</a>
LAC-4-125 1/2 ODF LS	903097	<a href="#">Bulletin 90-30</a>	LAC-10-295HP 11X7 ODF LS	903106	<a href="#">Bulletin 90-30</a>
LAC-4-125 3/8 ODF LS	903025	<a href="#">Bulletin 90-30</a>	LAC-10-295HP 11X9 ODF LS	903109	<a href="#">Bulletin 90-30</a>
LAC-4-160 3/8 ODF LS	903023	<a href="#">Bulletin 90-30</a>	LAC-10-295HP 7X7X7 ODF LS	903116	<a href="#">Bulletin 90-30</a>
LAC-4-180 1/2 ODF LS	903038	<a href="#">Bulletin 90-30</a>	ORD-4-20 5/8 ODF	902877	<a href="#">Bulletin 90-30</a>
LAC-4-180 3/8 ODF LS	903024	<a href="#">Bulletin 90-30</a>	ORD-4-25 5/8 ODF	902884	<a href="#">Bulletin 90-30</a>
LAC-4-190 1/2 ODF LS	903011	<a href="#">Bulletin 90-30</a>	ORD-4-30 5/8 ODF	902891	<a href="#">Bulletin 90-30</a>
LAC-4-190 3/8 ODF LS	903004	<a href="#">Bulletin 90-30</a>	ORD-4-35 5/8 ODF	902898	<a href="#">Bulletin 90-30</a>
LAC-4-200 3/8 ODF LS	903019	<a href="#">Bulletin 90-30</a>	OROA-5-100 5/8 ODF WS	902905	<a href="#">Bulletin 90-30</a>
LAC-4-210 1/2 ODF LS	903057	<a href="#">Bulletin 90-30</a>	OROA-5-100 7/8 ODF WS	902912	<a href="#">Bulletin 90-30</a>
LAC-4-210 3/8 ODF LS	903005	<a href="#">Bulletin 90-30</a>	OROA-5-120 5/8 ODF WS	902914	<a href="#">Bulletin 90-30</a>
LAC-4-215 3/8 ODF LS	903026	<a href="#">Bulletin 90-30</a>	OROA-5-135 5/8 ODF WS	902935	<a href="#">Bulletin 90-30</a>
LAC-4-220 1/2 ODF LS	903006	<a href="#">Bulletin 90-30</a>	OROA-5-150 5/8 ODF WS	902915	<a href="#">Bulletin 90-30</a>
LAC-4-220 3/8 ODF LS	903028	<a href="#">Bulletin 90-30</a>	OROA-5-150 7/8 ODF WS	902932	<a href="#">Bulletin 90-30</a>
LAC-4-225 1/2 ODF LS	903084	<a href="#">Bulletin 90-30</a>	OROA-5-180 5/8 ODF WS	902919	<a href="#">Bulletin 90-30</a>
LAC-4-225 3/8 ODF LS	903021	<a href="#">Bulletin 90-30</a>	OROA-5-180 7/8 ODF WS	902926	<a href="#">Bulletin 90-30</a>
LAC-4-240 1/2 ODF LS	903007	<a href="#">Bulletin 90-30</a>	OROA-5-190 5/8 ODF WS	902907	<a href="#">Bulletin 90-30</a>
LAC-4-240 3/8 ODF LS	903022	<a href="#">Bulletin 90-30</a>	OROA-5-200 5/8 ODF WS	902941	<a href="#">Bulletin 90-30</a>
LAC-4-250 1/2 ODF LS	903087	<a href="#">Bulletin 90-30</a>	OROA-5-205 5/8 ODF WS	902923	<a href="#">Bulletin 90-30</a>
LAC-4-295HP 1/2 ODF LS	903111	<a href="#">Bulletin 90-30</a>	OROA-5-210 5/8 ODF WS	902903	<a href="#">Bulletin 90-30</a>
LAC-4-DS-100/180 1/2 ODF LS	903085	<a href="#">Bulletin 90-30</a>	OROA-5-210 7/8 ODF WS	902929	<a href="#">Bulletin 90-30</a>
LAC-4-DS-100/180 3/8 ODF LS	903080	<a href="#">Bulletin 90-30</a>	OROA-5-215 5/8 ODF WS	902925	<a href="#">Bulletin 90-30</a>
LAC-4-DS-70/180 1/2 ODF LS	903070	<a href="#">Bulletin 90-30</a>	OROA-5-215 7/8 ODF WS	902928	<a href="#">Bulletin 90-30</a>
LAC-4-DS-70/180 3/8 ODF LS	903110	<a href="#">Bulletin 90-30</a>	OROA-5-220 5/8 ODF WS	902921	<a href="#">Bulletin 90-30</a>
LAC-5-100 1-1/8 ODF LS	903059	<a href="#">Bulletin 90-30</a>	OROA-5-220 7/8 ODF WS	902908	<a href="#">Bulletin 90-30</a>
LAC-5-100 1/2 ODF LS	903068	<a href="#">Bulletin 90-30</a>	OROA-5-225 5/8 ODF WS	902902	<a href="#">Bulletin 90-30</a>
LAC-5-100 5/8 ODF LS	903050	<a href="#">Bulletin 90-30</a>	OROA-5-225 7/8 ODF WS	902948	<a href="#">Bulletin 90-30</a>
LAC-5-100 7/8 ODF LS	903069	<a href="#">Bulletin 90-30</a>	OROA-5-260 5/8 ODF WS	902939	<a href="#">Bulletin 90-30</a>
LAC-5-180 1-1/8 ODF LS	903067	<a href="#">Bulletin 90-30</a>	OROA-5-260 7/8 ODF WS	902942	<a href="#">Bulletin 90-30</a>
LAC-5-180 1/2 ODF LS	903030	<a href="#">Bulletin 90-30</a>	OROA-5-280 7/8 ODF WS	902953	<a href="#">Bulletin 90-30</a>
LAC-5-180 5/8 ODF LS	903029	<a href="#">Bulletin 90-30</a>	OROAB-5-100 5/8 ODF WS	902933	<a href="#">Bulletin 90-30</a>
LAC-5-180 7/8 ODF LS	903033	<a href="#">Bulletin 90-30</a>	OROAB-5-100 7/8 ODF WS	902940	<a href="#">Bulletin 90-30</a>
LAC-5-180HP 5/8 ODF LS	903037	<a href="#">Bulletin 90-30</a>	OROAB-5-180 5/8 ODF WS	902947	<a href="#">Bulletin 90-30</a>
LAC-5-210 1-1/8 ODF LS	903074	<a href="#">Bulletin 90-30</a>	OROAB-5-180 7/8 ODF WS	902954	<a href="#">Bulletin 90-30</a>
LAC-5-210 1/2 ODF LS	903071	<a href="#">Bulletin 90-30</a>	OROAB-5-210 5/8 ODF WS	902937	<a href="#">Bulletin 90-30</a>
LAC-5-210 5/8 ODF LS	903072	<a href="#">Bulletin 90-30</a>	OROAB-5-210 7/8 ODF WS	902938	<a href="#">Bulletin 90-30</a>
LAC-5-210 7/8 ODF LS	903073	<a href="#">Bulletin 90-30</a>	OROAB-5-215 5/8 ODF WS	902960	<a href="#">Bulletin 90-30</a>
LAC-5-220 5/8 ODF LS	903082	<a href="#">Bulletin 90-30</a>	OROAC-5-100 5/8 ODF WS	902961	<a href="#">Bulletin 90-30</a>
LAC-5-220 7/8 ODF	903092	<a href="#">Bulletin 90-30</a>	OROAC-5-100 7/8 ODF WS	902968	<a href="#">Bulletin 90-30</a>
LAC-5-295HP 1/2 ODF LS	903112	<a href="#">Bulletin 90-30</a>	OROAC-5-180 5/8 ODF WS	902975	<a href="#">Bulletin 90-30</a>
LAC-5-295HP 5/8 ODF LS	903107	<a href="#">Bulletin 90-30</a>	OROAC-5-180 7/8 ODF WS	902982	<a href="#">Bulletin 90-30</a>
LAC-10-100 11X7 ODF LS	903075	<a href="#">Bulletin 90-30</a>	OROAC-5-210 7/8 ODF WS	902988	<a href="#">Bulletin 90-30</a>
LAC-10-100 11X9 ODF LS	903063	<a href="#">Bulletin 90-30</a>	OROAD-5-100 5/8 ODF WS	902989	<a href="#">Bulletin 90-30</a>
LAC-10-120 11X7 ODF LS	903127	<a href="#">Bulletin 90-30</a>	OROAD-5-100 7/8 ODF WS	902996	<a href="#">Bulletin 90-30</a>
LAC-10-120 11X9 ODF LS	903099	<a href="#">Bulletin 90-30</a>	OROAD-5-180 5/8 ODF WS	903003	<a href="#">Bulletin 90-30</a>
LAC-10-180 11X7 ODF LS	903076	<a href="#">Bulletin 90-30</a>	OROAD-5-180 7/8 ODF WS	903010	<a href="#">Bulletin 90-30</a>
LAC-10-180 11X9 ODF LS	903066	<a href="#">Bulletin 90-30</a>	OROAD-5-225 5/8 ODF WS	903064	<a href="#">Bulletin 90-30</a>
LAC-10-180 7X7 ODF LS	903279	<a href="#">Bulletin 90-30</a>	OROAD-5-225 7/8 ODF WS	903009	<a href="#">Bulletin 90-30</a>

# Pressure Regulating Valves

## HEAD PRESSURE CONTROL VALVES - ORI SERIES

The Sporlan **Type ORI(T) Head Pressure Control Valves** have a brass body with copper connections. These valves are nonadjustable. They perform the function of limiting flow of refrigerant from the condenser and at the same time regulate the flow of hot gas around the condenser to the receiver during low ambient conditions, so as to keep the refrigerant in the liquid line at proper pressure.



### ORI PRESSURE CONTROL VALVE NOMENCLATURE EXAMPLE

<b>ORI</b>	-	<b>6</b>	-	<b>65/225</b>	<b>H</b>	<b>9</b>	<b>ODF</b>	<b>WS</b>
Valve Type: <b>Open on Rise of Inlet Pressure</b>		Port Size in 1/8"		Adjustment Range psig	High Pressure	Connection in 1/8"	ODF Solder	With Strainer

DESCRIPTION	ITEM #	BULLETIN
ORI-6 65/225H 5 ODF WS	900826	<a href="#">Bulletin 90-30</a>
ORI-6 65/225H 7 ODF WS	900833	<a href="#">Bulletin 90-30</a>
ORI-6 65/225H 9 ODF WS	900847	<a href="#">Bulletin 90-30</a>

DESCRIPTION	ITEM #	BULLETIN
ORI-10 65/225H 7 ODF WS	900854	<a href="#">Bulletin 90-30</a>
ORI-10 65/225H 9 ODF WS	900861	<a href="#">Bulletin 90-30</a>
ORI-10 65/225H 11 ODF WS	900882	<a href="#">Bulletin 90-30</a>

# Pressure Regulating Valves

## REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
173-000 STRAINER	958069	<a href="#">Bulletin 122</a>	K-1800E-2 SPRING KIT	908025	<a href="#">Bulletin 122</a>
1373-000 SEAL CAP	908006	<a href="#">Bulletin 122</a>	K-HGB(E)-8 PILOT ASSY KIT	958156	<a href="#">Bulletin 122</a>
1390-000 COIL RETAINING SCREW	958101	<a href="#">Bulletin 122</a>	K-PI-E KIT	958088	<a href="#">Bulletin 122</a>
2420-002 BODY FLANGE	958173	<a href="#">Bulletin 122</a>	K-SHGB(E)-8-0/75 PLT ASSY KIT	958157	<a href="#">Bulletin 122</a>
2421-000 ADAPTOR	958070	<a href="#">Bulletin 122</a>	K-SHGB(E)-8-0/100 PLT ASSY KT	958110	<a href="#">Bulletin 122</a>
2423-002 BODY FLANGE	958174	<a href="#">Bulletin 122</a>	K-XUL PILOT ASSEMBLY KIT	381125	<a href="#">Bulletin 122</a>
2445-000 INLET STRAINER SCREEN	958042	<a href="#">Bulletin 122</a>	K-Y917 PILOT ASSEMBLY KIT	958022	<a href="#">Bulletin 122</a>
2449-004 RESTRICTOR ASSY W/STR	183146	<a href="#">Bulletin 122</a>	K-Y1010 0/100 PILOT ASSY. KIT	958002	<a href="#">Bulletin 122</a>
3742-000 PISTON SPRING	958094	<a href="#">Bulletin 122</a>	KH-6 INTERNAL PARTS KIT	908043	<a href="#">Bulletin 122</a>
3743-000 GUIDE PIN	958089	<a href="#">Bulletin 122</a>	KIT - K-Y1005-1 PILOT ASSEMBLY	958016	<a href="#">Bulletin 122</a>
4089-000 BODY PLUG (SORIT PI)	958121	<a href="#">Bulletin 122</a>	KS-DDR-20 INTERNAL PARTS KIT	381122	<a href="#">Bulletin 122</a>
4508-008 O-RING	958148	<a href="#">Bulletin 122</a>	KS-OLDR-15	381649	<a href="#">Bulletin 122</a>
4508-010 O-RING	958147	<a href="#">Bulletin 122</a>	KS-OLDR-16	381653	<a href="#">Bulletin 122</a>
4508-031 O-RING	183607	<a href="#">Bulletin 122</a>	KS-OLDR-20	381650	<a href="#">Bulletin 122</a>
621-143 O-RING, BODY	958092	<a href="#">Bulletin 122</a>	KS-ORI-12 INTERNAL PARTS KIT	958005	<a href="#">Bulletin 122</a>
825-003 INLET STRAINER 3/8 ODF	908074	<a href="#">Bulletin 122</a>	KS-ORI/CDA-15 INT PARTS KIT	958007	<a href="#">Bulletin 122</a>
825-004 INLET STRAINER 1/2 ODF	908002	<a href="#">Bulletin 122</a>	KS-ORI/CDA-20 INT PARTS KIT	958009	<a href="#">Bulletin 122</a>
825-005 INLET STRAINER 5/8 ODF	908001	<a href="#">Bulletin 122</a>	KS-SHGB-15 INTERNAL PARTS KIT	958021	<a href="#">Bulletin 122</a>
825-007 INLET STRAINER 7/8 ODF	908003	<a href="#">Bulletin 122</a>	KS-SHGB(E)-8 INTERNAL PART KIT	958120	<a href="#">Bulletin 122</a>
825-009 INLET STR 1-1/8 ODF	908005	<a href="#">Bulletin 122</a>	KSM-ORIT-12 MODIFICATION KIT	958076	<a href="#">Bulletin 122</a>
838-000 CRO-6/ORI-6 CAPS	908039	<a href="#">Bulletin 122</a>	KSM-ORIT-15 MODIFICATION KIT	958078	<a href="#">Bulletin 122</a>
895-000 CRO-10/ORI-10 CAPS	908041	<a href="#">Bulletin 122</a>	KSM-ORIT-20 MODIFICATION KIT	958080	<a href="#">Bulletin 122</a>
A-3-0/30	908028	<a href="#">Bulletin 122</a>	KSM-SORIT-12 MODIFICATION KIT	958075	<a href="#">Bulletin 122</a>
A-3-0/80	908030	<a href="#">Bulletin 122</a>	KSM-SORIT-15 MODIFICATION KIT	958077	<a href="#">Bulletin 122</a>
A-4-0/100 ELEM ASSY W/SCREW	908024	<a href="#">Bulletin 122</a>	KSM-SORIT-20 MODIFICATION KIT	958079	<a href="#">Bulletin 122</a>
A-8-0/30	908027	<a href="#">Bulletin 122</a>	ORI-6-100/290 SPRING KIT	908017	<a href="#">Bulletin 122</a>
A-8-0/80	908029	<a href="#">Bulletin 122</a>	ORI-10-100/290 SPRING KIT	908019	<a href="#">Bulletin 122</a>
A4-0/75 ELEM ASSY W/SCREW	908022	<a href="#">Bulletin 122</a>	R-3P-58R	908054	<a href="#">Bulletin 122</a>
A4-75/150 ELEM ASSY W/SCREW	908073	<a href="#">Bulletin 122</a>	RK-ORIT-PI-2 0/100 REBLD KIT	381610	<a href="#">Bulletin 122</a>
A4-S-0/20	908008	<a href="#">Bulletin 122</a>	RK-ORIT-PI-2 75/150 REBLD KIT	381611	<a href="#">Bulletin 122</a>
B-3H-25/35-AR ADJ REMOTE BULB	908032	<a href="#">Bulletin 122</a>	RK-ORIT-PI-3 0/100 REBLD KIT	381612	<a href="#">Bulletin 122</a>
B-3H-50/65-AR ADJ REMOTE BULB	908040	<a href="#">Bulletin 122</a>	RK-ORIT-PI-4 0/100 REBLD KIT	381615	<a href="#">Bulletin 122</a>
B-3H-55/70-AR ADJ REMOTE BULB	908036	<a href="#">Bulletin 122</a>	RK-ORIT-PI-5 0/100 REBLD KIT	381617	<a href="#">Bulletin 122</a>
B-3H-60/75-AR ADJ REMOTE BULB	908072	<a href="#">Bulletin 122</a>	RK-SORIT-PI-2 0/100 REBLD KIT	381603	<a href="#">Bulletin 122</a>
B-3P-50/65-AR ADJ REMOTE BULB	908042	<a href="#">Bulletin 122</a>	RK-SORIT-PI-3 0/100 REBLD KIT	381602	<a href="#">Bulletin 122</a>
B-3P-55/70-AR ADJ REMOTE BULB	908035	<a href="#">Bulletin 122</a>	RK-SORIT-PI-4 0/100 REBLD KIT	381604	<a href="#">Bulletin 122</a>
D-3L-100	908066	<a href="#">Bulletin 122</a>	RK-SORIT-PI-5 0/100 REBLD KIT	381608	<a href="#">Bulletin 122</a>
D-3L-180	908063	<a href="#">Bulletin 122</a>	SK-PI-4	958165	<a href="#">Bulletin 122</a>
D-3L-210	908081	<a href="#">Bulletin 122</a>	SK-PI-4 TO 3	958162	<a href="#">Bulletin 122</a>
K-1800E-1 SPRING KIT	908023	<a href="#">Bulletin 122</a>	SK-PI-5 TO 4	958164	<a href="#">Bulletin 122</a>

# See-All® Moisture & Liquid Indicators

The Sporlan Type **See-All Moisture and Liquid Indicator** combines two functions of moisture and liquid indication into a single economical product. The indicator is a porous filter paper that is sensitive to moisture. A green dark color indicates the refrigerant is dry. A yellow color indicates the refrigerant is wet. The indicator is formulated so that it changes color at the moisture levels generally accepted as the safe operating range. Also, one can see through the sight glass to determine refrigerant is at the proper level in the liquid line to feed the expansion device. Each valve is factory tested to ensure positive leak-free performance.



DESCRIPTION	ITEM #	BULLETIN
SA-12	700000	<a href="#">Bulletin 70-10</a>
SA-12FM	700026	<a href="#">Bulletin 70-10</a>
SA-12S	700052	<a href="#">Bulletin 70-10</a>
SA-13	700078	<a href="#">Bulletin 70-10</a>
SA-13FM	700091	<a href="#">Bulletin 70-10</a>
SA-13FU	700117	<a href="#">Bulletin 70-10</a>
SA-13S	700130	<a href="#">Bulletin 70-10</a>
SA-13SU	700169	<a href="#">Bulletin 70-10</a>
SA-13U	700195	<a href="#">Bulletin 70-10</a>
SA-13UU	700221	<a href="#">Bulletin 70-10</a>
SA-14	700247	<a href="#">Bulletin 70-10</a>
SA-14FM	700260	<a href="#">Bulletin 70-10</a>
SA-14FU	700273	<a href="#">Bulletin 70-10</a>
SA-14S	700299	<a href="#">Bulletin 70-10</a>

DESCRIPTION	ITEM #	BULLETIN
SA-14SU	700338	<a href="#">Bulletin 70-10</a>
SA-14U	700364	<a href="#">Bulletin 70-10</a>
SA-14UU	700377	<a href="#">Bulletin 70-10</a>
SA-15	700403	<a href="#">Bulletin 70-10</a>
SA-15S	700416	<a href="#">Bulletin 70-10</a>
SA-15SU	700455	<a href="#">Bulletin 70-10</a>
SA-15U	700468	<a href="#">Bulletin 70-10</a>
SA-15UU	700481	<a href="#">Bulletin 70-10</a>
SA-17S	700507	<a href="#">Bulletin 70-10</a>
SA-19S	700546	<a href="#">Bulletin 70-10</a>
SA-211	700585	<a href="#">Bulletin 70-10</a>
SA-213	700598	<a href="#">Bulletin 70-10</a>
SA-217	700611	<a href="#">Bulletin 70-10</a>

## SEE-ALL MOISTURE & LIQUID INDICATOR NOMENCLATURE EXAMPLE

SA	1	3	S
Series	Series Size	Connections in 1/8"	Connections Blank - SAE Flare S - ODF Solder FM - SAE Female x SAE Male U - SAE Male x SAE Swivel Nut UU - SAE Swivel Nut x SAE Swivel Nut FU - SAE Female Nut x SAE Swivel Nut SU - SAE Swivel Nut x ODF Solder PZK - ODM x ODM (ZoomLock)

## SMART Service Tools

Sporlan **SMART Service Tools** work with a SMART Service App for smart phones and tablets along with sensors and pressure transducers to assist in diagnostic/service problems. It is simple to use. Attach the sensors and pressure transducers to the air conditioning or refrigeration unit, then activate the app screen. The pressures and temperatures will be displayed on your smart phone or tablet.



### SMART

DESCRIPTION	ITEM #	BULLETIN
SMART CAPS - SPORLAN	953700	<a href="#">Form 140-426</a>
SMART PRESS 300PSI-SPORLAN	953501	<a href="#">Form 140-426</a>
SMART PRESS 700PSI-SPORLAN	953502	<a href="#">Form 140-426</a>
SMART SERVICE TOOL KIT - SVD	953495	<a href="#">Form 140-426</a>
SMART SUPERHEAT KIT- SPORLAN	953850	<a href="#">Form 140-426</a>
SMART TEMP CLAMP - SPORLAN	953499	<a href="#">Form 140-426</a>

### SMART Pro R

DESCRIPTION	ITEM #	BULLETIN
SMART PRO/R BATT CAP KIT - SVD	953706	<a href="#">Form 140-494</a>
SMART PRO/R PRESS 300PSI - SVD	953703	<a href="#">Form 140-494</a>
SMART PRO/R PRESS 700PSI - SVD	953704	<a href="#">Form 140-494</a>
SMART PRO/R TEMP SENSOR - SVD	953702	<a href="#">Form 140-494</a>

# Solenoid Coils

Sporlan **(O)MKC Solenoid Coils** convert electrical energy into linear motion to open or close a valve. The coil consists of copper or aluminum that is wound around a hollow form (bobbin). When electrical current flows through the coil a magnetic field is created. They are used on Sporlan Solenoid and Pressure Regulating Valves. Any valves using the MKC-1, OMKC-1, MKC-2 and OMKC-2 will have their electrical specifications shown on the face plate of the coil assembly.



## COIL NOMENCLATURE EXAMPLE (SEE FORM 30-167 FOR DETAILS)

0	-	MKC	-	1	E	/	120	-	50-60	J	-	A	-	M
Normally Open  Blank - Normally Closed		Coil Type		Size Coil 1 or 2	Coil Connection TS or S - Top Spade E - DIN 43650A Blank - Other		Voltage		Cycles	J - Junction Box C - Conduit Boss L - Leads Only		Lead Wire Insulation Type		Coil Voltage and Wire Color See Form 30-167

DESCRIPTION	ITEM #	BULLETIN
MKC-1 115 DC JAK	310598	<a href="#">Form 30-167</a>
MKC-1 115 DC LAK	310624	<a href="#">Form 30-167</a>
MKC-1 12 DC CAK	310429	<a href="#">Form 30-167</a>
MKC-1 12 DC JAK	310416	<a href="#">Form 30-167</a>
MKC-1 12 DC LAK	310442	<a href="#">Form 30-167</a>
MKC-1 120/50-60 CAM	310026	<a href="#">Form 30-167</a>
MKC-1 120/50-60 JAM	310000	<a href="#">Form 30-167</a>
MKC-1 208-240/50-60 CAN	310195	<a href="#">Form 30-167</a>
MKC-1 24 DC CAK	310481	<a href="#">Form 30-167</a>
MKC-1 24 DC JAK	310468	<a href="#">Form 30-167</a>
MKC-1 24 DC LAK	310483	<a href="#">Form 30-167</a>
MKC-1 24/50-60 CAQ	310351	<a href="#">Form 30-167</a>
MKC-1 24/50-60 JAQ	310325	<a href="#">Form 30-167</a>
MKC-1 DUAL CAU	310299	<a href="#">Form 30-167</a>
MKC-1 DUAL JAU	310286	<a href="#">Form 30-167</a>
MKC-1 JAN	310156	<a href="#">Form 30-167</a>
MKC-1E 120/50-60	310678	<a href="#">Form 30-167</a>
MKC-1E 208-240/50-60	310682	<a href="#">Form 30-167</a>
MKC-1E 24/50-60	310683	<a href="#">Form 30-167</a>
MKC-1TS 12 DC	310811	<a href="#">Form 30-167</a>
MKC-1TS 120/50-60	310858	<a href="#">Form 30-167</a>
MKC-1TS 208-240/50-60	310802	<a href="#">Form 30-167</a>
MKC-1TS 24/50-60	310910	<a href="#">Form 30-167</a>
MKC-2 115 DC JAK	312048	<a href="#">Form 30-167</a>
MKC-2 12 DC CAK	311918	<a href="#">Form 30-167</a>
MKC-2 12 DC JAK	311905	<a href="#">Form 30-167</a>
MKC-2 12 DC LAK	311910	<a href="#">Form 30-167</a>
MKC-2 120/50-60 CAM	311450	<a href="#">Form 30-167</a>
MKC-2 120/50-60 JAM	311424	<a href="#">Form 30-167</a>
MKC-2 208-240/50-60 CAN	311554	<a href="#">Form 30-167</a>
MKC-2 208-240/50-60 JAN	311515	<a href="#">Form 30-167</a>
MKC-2 24 DC CAK	311924	<a href="#">Form 30-167</a>
MKC-2 24 DC JAK	311931	<a href="#">Form 30-167</a>
MKC-2 24 DC LAK	311900	<a href="#">Form 30-167</a>

DESCRIPTION	ITEM #	BULLETIN
MKC-2 24/50-60 CAQ	311736	<a href="#">Form 30-167</a>
MKC-2 24/50-60 JAQ	311710	<a href="#">Form 30-167</a>
MKC-2 DUAL CAU	311684	<a href="#">Form 30-167</a>
MKC-2 DUAL JAU	311671	<a href="#">Form 30-167</a>
MKC-2E 120/50-60	310677	<a href="#">Form 30-167</a>
MKC-2E 208-240/50-60	310674	<a href="#">Form 30-167</a>
MKC-2E 24 DC	310691	<a href="#">Form 30-167</a>
MKC-2E 24/50-60	310675	<a href="#">Form 30-167</a>
MKC-2TS 12 DC	310815	<a href="#">Form 30-167</a>
MKC-2TS 120/50-60	312235	<a href="#">Form 30-167</a>
MKC-2TS 208-240/50-60	310913	<a href="#">Form 30-167</a>
MKC-2TS 24/50-60	310814	<a href="#">Form 30-167</a>
OMKC-1 120/50-60 CAM	311106	<a href="#">Form 30-167</a>
OMKC-1 120/50-60 JAM	311100	<a href="#">Form 30-167</a>
OMKC-1 208-240/50-60 CAN	311115	<a href="#">Form 30-167</a>
OMKC-1 208-240/50-60 JAN	311103	<a href="#">Form 30-167</a>
OMKC-1 24 DC CAK	311130	<a href="#">Form 30-167</a>
OMKC-1 24 DC JAK	311107	<a href="#">Form 30-167</a>
OMKC-1 24/50-60 CAQ	311111	<a href="#">Form 30-167</a>
OMKC-1 24/50-60 JAQ	311101	<a href="#">Form 30-167</a>
OMKC-1 DUAL JAU	311105	<a href="#">Form 30-167</a>
OMKC-2 12 DC JAK	312939	<a href="#">Form 30-167</a>
OMKC-2 12 DC LAK	312951	<a href="#">Form 30-167</a>
OMKC-2 120/50-60 CAM	312809	<a href="#">Form 30-167</a>
OMKC-2 120/50-60 JAM	312783	<a href="#">Form 30-167</a>
OMKC-2 208-240/50-60 CAN	312835	<a href="#">Form 30-167</a>
OMKC-2 208-240/50-60 JAN	312822	<a href="#">Form 30-167</a>
OMKC-2 24 DC JAK	312978	<a href="#">Form 30-167</a>
OMKC-2 24 DC LAK	312904	<a href="#">Form 30-167</a>
OMKC-2 24/50-60 CAQ	312900	<a href="#">Form 30-167</a>
OMKC-2 24/50-60 JAQ	312887	<a href="#">Form 30-167</a>
OMKC-2 DUAL CAU	312903	<a href="#">Form 30-167</a>
OMKC-2 DUAL JAU	312874	<a href="#">Form 30-167</a>
OMKC-2TS 24/50-60	310818	<a href="#">Form 30-167</a>

# Solenoid Valves

## 3-WAY VALVES

Sporlan Series **3-Way Valves** primary purpose is to control automatically the flow of fluids, liquid or gas. They may be applied on a wide variety of applications to divert flow of refrigerant in heat reclaim, reheat, or defrost applications.

For Solenoid Coils, see page 31.



### 3-WAY HEAT RECLAIM VALVE NOMENCLATURE EXAMPLE

S	12D	11	B	-	HP
Suction Pilot S - ODF Solder Blank - SAE Flare	Valve Series B5D, 8D, 12D, 16D	Connections in 1/8"	B - Bleed C - No Bleed	-	HP - High Pressure SC - Split Condenser

### 3-WAY HOT GAS DEFROST VALVE NOMENCLATURE EXAMPLE

10G	7	11	B
Valve Series	Discharge Connection in 1/8"	Suction and Evaporator Connection in 1/8"	B - Discharge above Suction Connection C - Discharge below Suction Connection

DESCRIPTION	ITEM #	BULLETIN
10G711B LESS COIL	3935-00	<a href="#">Bulletin 30-20</a>
10G711C LESS COIL	3937-00	<a href="#">Bulletin 30-20</a>
10G79B LESS COIL	3936-00	<a href="#">Bulletin 30-20</a>
S8D7B-HP LESS COIL	4134-00	<a href="#">Catalog 410A</a>
S8D7B-SC LESS COIL	4129-00	<a href="#">Bulletin 30-20</a>
S8D7C-HP LESS COIL	4135-00	<a href="#">Catalog 410A</a>
S8D9B-HP LESS COIL	4136-00	<a href="#">Catalog 410A</a>
S8D9B-SC LESS COIL	4130-00	<a href="#">Bulletin 30-20</a>
S8D9C-HP LESS COIL	4137-00	<a href="#">Catalog 410A</a>
S12D11B-HP LESS COIL	4138-00	<a href="#">Catalog 410A</a>

DESCRIPTION	ITEM #	BULLETIN
S12D11B-SC LESS COIL	4131-00	<a href="#">Bulletin 30-20</a>
S12D11C-HP LESS COIL	4142-00	<a href="#">Catalog 410A</a>
S12D13B-HP LESS COIL	4143-00	<a href="#">Catalog 410A</a>
S12D13B-SC LESS COIL	4132-00	<a href="#">Bulletin 30-20</a>
S12D13C-HP LESS COIL	4144-00	<a href="#">Catalog 410A</a>
S12D17B LESS COIL	4127-00	<a href="#">Bulletin 30-20</a>
S16D17B LESS COIL	4128-00	<a href="#">Bulletin 30-20</a>
S16D17B-SC LESS COIL	4133-00	<a href="#">Bulletin 30-20</a>
SB5D5B LESS COIL	332642	<a href="#">Bulletin 30-20</a>
SB5D5C LESS COIL	333800	<a href="#">Bulletin 30-20</a>



# Solenoid Valves

## B and E SOLENOID SERIES

Sporlan Series **Solenoid Valves** primary purpose is to control automatically the flow of fluids, liquid or gas. They may be applied on a wide variety of applications.

For Solenoid Coils, see page 31.



### SOLENOID VALVE NOMENCLATURE EXAMPLES

<b>O</b>	<b>C</b>	<b>M</b>	<b>E</b>	<b>10</b>	<b>S</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>E</b>	<b>HP</b>
Normally Open	Check Feature for Reverse Flow	Manual Lift Stem	Design Series	Port Size in 1/32"	Connection Solder	Coil Size 1 or 2	Connection Size in 1/8"	Connections 0 - ODF x ODF 1 - ODF x ODM 2 - ODM x ODF 3 - ODM x ODM	Coil Connection TS or S - Top Spade E - DIN 43650A Blank - Other	High Pressure Application

<b>O</b>	<b>D</b>	<b>M</b>	<b>B</b>	<b>25</b>	<b>S</b>	<b>2</b>	<b>*</b>	<b>S</b>	<b>HP</b>
Normally Open	D - Direct Connected	Manual Lift Stem	Design Series A, B, & W	Port Size in 1/32"	Connection S - ODF Solder F - SAE Flare P - Pipe	Coil Size 1 or 2	Overall Length	Coil Connection TS or S - Top Spade E - DIN 43650A Blank - Other	High Pressure Application

DESCRIPTION	ITEM #	BULLETIN
A3F1 LESS COIL	3200-00	<a href="#">Bulletin 30-10</a>
A3P1 LESS COIL	3201-00	<a href="#">Bulletin 30-10</a>
A3S1 2ODF LESS COIL	3206-00	<a href="#">Bulletin 30-10</a>
A3S1 3ODF LESS COIL	3208-00	<a href="#">Bulletin 30-10</a>
B10F2 LESS COIL	3407-00	<a href="#">Bulletin 30-10</a>
B14P2 LESS COIL	3474-00	<a href="#">Bulletin 30-10</a>
B14S2 LESS COIL	3481-00	<a href="#">Bulletin 30-10</a>
B19P2 LESS COIL	3540-00	<a href="#">Bulletin 30-10</a>
B6F1 LESS COIL	3249-00	<a href="#">Bulletin 30-10</a>
B6P1 LESS COIL	3250-00	<a href="#">Bulletin 30-10</a>
B6S1 3ODF LESS COIL	3254-00	<a href="#">Bulletin 30-10</a>
B6S1 4ODF LESS COIL	3263-00	<a href="#">Bulletin 30-10</a>
B6S1-HP 4ODF LESS COIL	3289-00	<a href="#">Catalog 410A</a>
B9P2 LESS COIL	3326-00	<a href="#">Bulletin 30-10</a>
CE14S250 LESS COIL	3520-00	<a href="#">Bulletin 30-10</a>
CE6S130-HP LESS COIL	4054-00	<a href="#">Bulletin 30-10-15</a>
CE6S140-HP LESS COIL	4066-00	<a href="#">Bulletin 30-10-15</a>
CME14S250 LESS COIL	3530-00	<a href="#">Bulletin 30-10</a>
CME19S270 LESS COIL	3582-00	<a href="#">Bulletin 30-10</a>
E2S120-HP LESS COIL	4101-00	<a href="#">Catalog 410A</a>
E2S130-HP LESS COIL	4106-00	<a href="#">Catalog 410A</a>
E3S120 LESS COIL	3217-00	<a href="#">Bulletin 30-10</a>
E3S120 W/MH LESS COIL	3230-00	<a href="#">Bulletin 30-10</a>
E3S130 LESS COIL	3227-00	<a href="#">Bulletin 30-10</a>
E3S130 W/MH LESS COIL	3228-00	<a href="#">Bulletin 30-10</a>
E3S140 LESS COIL	4198-00	<a href="#">Bulletin 30-10</a>
E5S120 LESS COIL	3238-00	<a href="#">Bulletin 30-10</a>
E5S120 W/MH LESS COIL	3247-00	<a href="#">Bulletin 30-10</a>
E5S120-HP LESS COIL	4290-00	<a href="#">Catalog 410A</a>
E5S130 LESS COIL	3246-00	<a href="#">Bulletin 30-10</a>
E5S130-HP LESS COIL	4079-00	<a href="#">Catalog 410A</a>
E5S140 LESS COIL	4080-00	<a href="#">Bulletin 30-10</a>
E6S130 LESS COIL	3284-00	<a href="#">Bulletin 30-10</a>
E6S130-HP LESS COIL	3233-00	<a href="#">Catalog 410A</a>
E6S140 LESS COIL	3291-00	<a href="#">Bulletin 30-10</a>
E6S140-HP LESS COIL	4122-00	<a href="#">Catalog 410A</a>
E8S140-HP LESS COIL	4330-00	<a href="#">Bulletin 30-10-11</a>
E8S150-HP LESS COIL	4351-00	<a href="#">Bulletin 30-10-11</a>
E10S140-HP LESS COIL	4339-00	<a href="#">Bulletin 30-10-14</a>

DESCRIPTION	ITEM #	BULLETIN
E10S150-HP LESS COIL	4340-00	<a href="#">Bulletin 30-10-14</a>
E14S250 LESS COIL	3505-00	<a href="#">Bulletin 30-10</a>
E14S250-HP LESS COIL	4100-00	<a href="#">Catalog 410A</a>
E14S270 LESS COIL	3499-00	<a href="#">Bulletin 30-10</a>
E14S270-HP LESS COIL	4215-00	<a href="#">Catalog 410A</a>
E19S250 LESS COIL	3560-00	<a href="#">Bulletin 30-10</a>
E19S250-HP LESS COIL	4072-00	<a href="#">Catalog 410A</a>
E19S270 LESS COIL	3576-00	<a href="#">Bulletin 30-10</a>
E19S270-HP LESS COIL	4077-00	<a href="#">Catalog 410A</a>
E19S290-HP LESS COIL	4314-00	<a href="#">Catalog 410A</a>
E25S270 LESS COIL	3632-00	<a href="#">Bulletin 30-10</a>
E25S270-HP LESS COIL	4089-00	<a href="#">Catalog 410A</a>
E25S290 LESS COIL	3641-00	<a href="#">Bulletin 30-10</a>
E25S290-HP LESS COIL	4078-00	<a href="#">Catalog 410A</a>
E35S1110 LESS COIL	4051-00	<a href="#">Bulletin 30-10</a>
E35S1110-HP LESS COIL	4099-00	<a href="#">Catalog 410A</a>
E35S190 LESS COIL	3314-00	<a href="#">Bulletin 30-10</a>
E35S190-HP LESS COIL	3316-00	<a href="#">Catalog 410A</a>
E43S1130-HP LESS COIL	4333-00	<a href="#">Bulletin 30-10-12</a>
E43S1170-HP LESS COIL	4334-00	<a href="#">Bulletin 30-10-12</a>
MB19S2 7ODF LESS COIL	3552-00	<a href="#">Bulletin 30-10</a>
MB25P2 LESS COIL	3614-00	<a href="#">Bulletin 30-10</a>
MB25S2 7ODF LESS COIL	3624-00	<a href="#">Bulletin 30-10</a>
MB6F1 LESS COIL	3273-00	<a href="#">Bulletin 30-10</a>
MB6S1 3ODF LESS COIL	3275-00	<a href="#">Bulletin 30-10</a>
MB6S1 4ODF LESS COIL	3278-00	<a href="#">Bulletin 30-10</a>
ME10S140-HP LESS COIL	4341-00	<a href="#">Bulletin 30-10-14</a>
ME10S150-HP LESS COIL	4342-00	<a href="#">Bulletin 30-10-14</a>
ME14S250 LESS COIL	3528-00	<a href="#">Bulletin 30-10</a>
ME14S250-HP LESS COIL	3524-00	<a href="#">Catalog 410A</a>
ME14S270 LESS COIL	3529-00	<a href="#">Bulletin 30-10</a>
ME14S270-HP LESS COIL	4295-00	<a href="#">Catalog 410A</a>
ME19S250 LESS COIL	3590-00	<a href="#">Bulletin 30-10</a>
ME19S250-HP LESS COIL	4145-00	<a href="#">Catalog 410A</a>
ME19S270 LESS COIL	3596-00	<a href="#">Bulletin 30-10</a>
ME19S270-HP LESS COIL	3591-00	<a href="#">Catalog 410A</a>
ME19S290 LESS COIL	3581-00	<a href="#">Bulletin 30-10</a>
ME19S290-HP LESS COIL	4146-00	<a href="#">Catalog 410A</a>
ME25S270 LESS COIL	3666-00	<a href="#">Bulletin 30-10</a>

# Solenoid Valves

## B and E SOLENOID SERIES

DESCRIPTION	ITEM #	BULLETIN
ME25S270-HP LESS COIL	4147-00	<a href="#">Catalog 410A</a>
ME25S290 LESS COIL	3672-00	<a href="#">Bulletin 30-10</a>
ME25S290-HP LESS COIL	4036-00	<a href="#">Catalog 410A</a>
ME35S1110 LESS COIL	3312-00	<a href="#">Bulletin 30-10</a>
ME35S1110-HP LESS COIL	4062-00	<a href="#">Catalog 410A</a>
ME35S190 LESS COIL	3313-00	<a href="#">Bulletin 30-10</a>
ME35S190-HP LESS COIL	4061-00	<a href="#">Catalog 410A</a>
ME43S1130-HP LESS COIL	4335-00	<a href="#">Bulletin 30-10-12</a>
ME43S1170-HP LESS COIL	4336-00	<a href="#">Bulletin 30-10-12</a>
ME6S130 LESS COIL	3315-00	<a href="#">Bulletin 30-10</a>
ME6S130-HP LESS COIL	3310-00	<a href="#">Catalog 410A</a>
ME6S140 LESS COIL	3322-00	<a href="#">Bulletin 30-10</a>
ME6S140-HP LESS COIL	4076-00	<a href="#">Catalog 410A</a>
ME8S140-HP LESS COIL	4332-00	<a href="#">Catalog 30-10-11</a>
ME9S230 LESS COIL	3390-00	<a href="#">Bulletin 30-10</a>
ME9S240 LESS COIL	3396-00	<a href="#">Bulletin 30-10</a>
ME9S240-HP LESS COIL	3394-00	<a href="#">Catalog 410A</a>
ME9S250 LESS COIL	3311-00	<a href="#">Bulletin 30-10</a>
OE14S250 LESS COIL	3521-00	<a href="#">Bulletin 30-10</a>
OE14S250-HP LESS COIL	4248-00	<a href="#">Catalog 410A</a>
OE14S270-HP LESS COIL	4296-00	<a href="#">Catalog 410A</a>
OE19S250-HP LESS COIL	4149-00	<a href="#">Catalog 410A</a>
OE19S270 LESS COIL	3575-00	<a href="#">Bulletin 30-10</a>
OE19S270-HP LESS COIL	4150-00	<a href="#">Catalog 410A</a>
OE19S290-HP LESS COIL	4151-00	<a href="#">Catalog 410A</a>

DESCRIPTION	ITEM #	BULLETIN
OE25S270-HP LESS COIL	4152-00	<a href="#">Catalog 410A</a>
OE25S290 LESS COIL	3661-00	<a href="#">Bulletin 30-10</a>
OE25S290-HP LESS COIL	4153-00	<a href="#">Catalog 410A</a>
OE35S1110 LESS COIL	4050-00	<a href="#">Bulletin 30-10</a>
OE35S1110-HP LESS COIL	4155-00	<a href="#">Catalog 410A</a>
OE35S190-HP LESS COIL	4060-00	<a href="#">Catalog 410A</a>
OE43S1130-HP LESS COIL	4337-00	<a href="#">Bulletin 30-10-12</a>
OE43S1170-HP LESS COIL	4338-00	<a href="#">Bulletin 30-10-12</a>
OE6S130-HP LESS COIL	4291-00	<a href="#">Catalog 410A</a>
OE6S140-HP LESS COIL	4292-00	<a href="#">Catalog 410A</a>
OE9S240 LESS COIL	3385-00	<a href="#">Bulletin 30-10</a>
XPO-1 W/MH LESS COIL	3810-00	<a href="#">Bulletin 230-10-1</a>
XPO-3 LESS COIL	3813-00	<a href="#">Bulletin 230-10-1</a>
XRМ LESS COIL	3817-00	<a href="#">Bulletin 230-10-1</a>
XRМ-1 LESS COIL	3821-00	<a href="#">Bulletin 230-10-1</a>
XRN LESS COIL	3825-00	<a href="#">Bulletin 230-10-1</a>
XRN-1 W/MH LESS COIL	3829-00	<a href="#">Bulletin 230-10-1</a>
XRN-3 W/MH LESS COIL	3833-00	<a href="#">Bulletin 230-10-1</a>
XSP-10 LESS COIL	3946-00	N/A
XUJ LESS COIL	3867-00	N/A
XUP W/MH LESS COIL	3875-00	<a href="#">Bulletin 230-10-1</a>
XUP-1 LESS COIL	3877-00	<a href="#">Bulletin 230-10-1</a>
XWG LESS COIL	3884-00	<a href="#">Bulletin 230-10-1</a>
XWG-2 LESS COIL	4316-00	<a href="#">Bulletin 230-10-1</a>
XXF LESS COIL	3710-00	<a href="#">Bulletin 230-10-1</a>

# Solenoid Valves

## REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
1216-1 SOL MTG BRKT W/2 SCREWS	382610	<a href="#">Bulletin 122</a>	KS-CB9/CE9	381262	<a href="#">Bulletin 122</a>
2003-1 SEAL CAP(MB6 THRU MB33)	382580	<a href="#">Bulletin 122</a>	KS-CB10/CE10	381223	<a href="#">Bulletin 122</a>
4325-000 JUNCTION BOX COVER	380000	<a href="#">Bulletin 122</a>	KS-CB14/CE14	381236	<a href="#">Bulletin 122</a>
FEMALE DIN CONNECTOR ASSEMBLY	382616	<a href="#">Bulletin 122</a>	KS-CB19/CE19	381249	<a href="#">Bulletin 122</a>
KE-6 ENCLOSING TUBE KIT	382435	<a href="#">Bulletin 122</a>	KS-E8-HP	380855	<a href="#">Bulletin 122</a>
KE-8D/12D ENCLOSING TUBE KIT	382327	<a href="#">Bulletin 122</a>	KS-E10S1-HP	380856	<a href="#">Bulletin 122</a>
KE-9 ENCLOSING TUBE KIT	382355	<a href="#">Bulletin 122</a>	KS-E34	381135	<a href="#">Bulletin 122</a>
KE-10/14 ENCLOSING TUBE KIT	382390	<a href="#">Bulletin 122</a>	KS-E35	381118	<a href="#">Bulletin 122</a>
KE-19 ENCLOSING TUBE KIT	382365	<a href="#">Bulletin 122</a>	KS-E35-HP	958741	<a href="#">Bulletin 122</a>
KE-25 ENCLOSING TUBE KIT	382400	<a href="#">Bulletin 122</a>	KS-E42	381340	<a href="#">Bulletin 122</a>
KM-1 MANUAL LIFT KIT	382460	<a href="#">Bulletin 122</a>	KS-E42-20	381341	<a href="#">Bulletin 122</a>
KM-2 MANUAL LIFT KIT	382470	<a href="#">Bulletin 122</a>	KS-E42-HP	958742	<a href="#">Bulletin 122</a>
KM-3 MANUAL LIFT KIT	382480	<a href="#">Bulletin 122</a>	KS-E43-HP	381422	<a href="#">Bulletin 122</a>
KM-4 MANUAL LIFT KIT	382490	<a href="#">Bulletin 122</a>	KS-OB9/OE9	381405	<a href="#">Bulletin 122</a>
KM-5 MANUAL LIFT KIT	382500	<a href="#">Bulletin 122</a>	KS-OB10/OE10	381353	<a href="#">Bulletin 122</a>
KM-6 MANUAL LIFT KIT	382510	<a href="#">Bulletin 122</a>	KS-OB14/OE14	381366	<a href="#">Bulletin 122</a>
KM-7 MANUAL LIFT KIT	382511	<a href="#">Bulletin 122</a>	KS-OB19/OE19	381379	<a href="#">Bulletin 122</a>
KM-8 MANUAL LIFT KIT	382512	<a href="#">Bulletin 122</a>	KS-OB25/OE25	381392	<a href="#">Bulletin 122</a>
KM-9 MANUAL LIFT STEM KIT E43	382513	<a href="#">Bulletin 122</a>	KS-OB33/OE33	381398	<a href="#">Bulletin 122</a>
KS-8DB	380897	<a href="#">Bulletin 122</a>	KS-OE6-HP/OE8-HP	380846	<a href="#">Bulletin 122</a>
KS-8DC	380811	<a href="#">Bulletin 122</a>	KS-OE9-HP	380848	<a href="#">Bulletin 122</a>
KS-8DC-SC	380812	<a href="#">Bulletin 122</a>	KS-OE10S1-HP	380849	<a href="#">Bulletin 122</a>
KS-10G	380870	<a href="#">Bulletin 122</a>	KS-OE10S2-HP	380850	<a href="#">Bulletin 122</a>
KS-10GP-B PILOT ASSY KIT	382285	<a href="#">Bulletin 122</a>	KS-OE14-HP	380851	<a href="#">Bulletin 122</a>
KS-10GP-C PILOT ASSY KIT	382295	<a href="#">Bulletin 122</a>	KS-OE19-HP	380852	<a href="#">Bulletin 122</a>
KS-12DB-SC	380873	<a href="#">Bulletin 122</a>	KS-OE25-HP	380853	<a href="#">Bulletin 122</a>
KS-12DC	380813	<a href="#">Bulletin 122</a>	KS-OE34	381400	<a href="#">Bulletin 122</a>
KS-12DC-SC	380814	<a href="#">Bulletin 122</a>	KS-OE34-20	381402	<a href="#">Bulletin 122</a>
KS-16DB	380886	<a href="#">Bulletin 122</a>	KS-OE35 SERVICE KIT	381130	<a href="#">Bulletin 122</a>
KS-16DB-A	380822	<a href="#">Bulletin 122</a>	KS-OE42	381418	<a href="#">Bulletin 122</a>
KS-16DB-SC	380887	<a href="#">Bulletin 122</a>	KS-OE43-HP	381423	<a href="#">Bulletin 122</a>
KS-16DB-SC-A	380825	<a href="#">Bulletin 122</a>	KS-R18	381431	<a href="#">Bulletin 122</a>
KS-16DC	380815	<a href="#">Bulletin 122</a>	KS-R24	381444	<a href="#">Bulletin 122</a>
KS-16DC-A	380823	<a href="#">Bulletin 122</a>	KS-RW3	381495	<a href="#">Bulletin 122</a>
KS-16DC-SC	380816	<a href="#">Bulletin 122</a>	KS-S8D/S12DP-HP	958740	<a href="#">Bulletin 122</a>
KS-16DC-SC-A	380826	<a href="#">Bulletin 122</a>	KS-S8D/S12DP-SC	958744	<a href="#">Bulletin 122</a>
KS-16DP-A	380824	<a href="#">Bulletin 122</a>	KS-S16DP	958748	<a href="#">Bulletin 122</a>
KS-16DP-SC-A	380827	<a href="#">Bulletin 122</a>	KS-S16DP-SC	958746	<a href="#">Bulletin 122</a>
KS-B6/E6	381145	<a href="#">Bulletin 122</a>	KS-W14	381457	<a href="#">Bulletin 122</a>
KS-B6/E6-HP	381111	<a href="#">Bulletin 122</a>	KS-W19	381470	<a href="#">Bulletin 122</a>
KS-B9/E9	381171	<a href="#">Bulletin 122</a>	KS-W25	381483	<a href="#">Bulletin 122</a>
KS-B9/E9-HP	380819	<a href="#">Bulletin 122</a>	KS-W3	381496	<a href="#">Bulletin 122</a>
KS-B10/E10	381002	<a href="#">Bulletin 122</a>	KS-W6	381509	<a href="#">Bulletin 122</a>
KS-B10/E10-HP	381005	<a href="#">Bulletin 122</a>	KS-XPO	381548	<a href="#">Bulletin 122</a>
KS-B14/E14	381028	<a href="#">Bulletin 122</a>	KS-XRM	381574	<a href="#">Bulletin 122</a>
KS-B14/E14-HP	380818	<a href="#">Bulletin 122</a>	KS-XRN	381587	<a href="#">Bulletin 122</a>
KS-B19/E19	381054	<a href="#">Bulletin 122</a>	KS-XSM	381613	<a href="#">Bulletin 122</a>
KS-B19/E19-HP	380817	<a href="#">Bulletin 122</a>	KS-XTM	381632	<a href="#">Bulletin 122</a>
KS-B25/E25	381080	<a href="#">Bulletin 122</a>	KS-XTO SERVICE KIT	381634	<a href="#">Bulletin 122</a>
KS-B25/E25-HP	381128	<a href="#">Bulletin 122</a>	KS-XUP	381638	<a href="#">Bulletin 122</a>
KS-B33/E33	381119	<a href="#">Bulletin 122</a>	KS-XXF	381692	<a href="#">Bulletin 122</a>
KS-BR18	381197	<a href="#">Bulletin 122</a>	SOLENOID SERVICE MAGNET	310250	
KS-BR24	381210	<a href="#">Bulletin 122</a>			

# Strainers

Sporlan **Strainers** are designed for their liquid or suction line applications. They provide free flow with negligible pressure drop and can be used for a variety of liquids. All Sporlan Strainers contain the maximum effective screen area. Screen assemblies are seam welded, and the ends reinforced or capped with seal rings. This construction reduces the possibility of bursting the screen assembly. The end of the screen assembly seats against the flange plate to form a tight seal, thereby preventing dirt from bypassing the strainer screen. All cleanable strainers have an access for easy removal of the screen assembly. This facilitates cleaning and inspection, without breaking the line connections



DESCRIPTION	ITEM #	BULLETIN
3/4 - .025 STRAINER	056822-00	<a href="#">Bulletin 80-20</a>
1 3/16 STRAINER	052290-03	<a href="#">Bulletin 80-20</a>
1 3/16 STRAINER	052290-04	<a href="#">Bulletin 80-20</a>
4385-2 SCREEN,80M,6022/6023	580006	<a href="#">Bulletin 80-20</a>
4395-2 SCREEN,80M,6034	580009	<a href="#">Bulletin 80-20</a>
4415-1 SCREEN,40M,6088	580013	<a href="#">Bulletin 80-20</a>
6022 Y STRAINER	500000	<a href="#">Bulletin 80-20</a>

DESCRIPTION	ITEM #	BULLETIN
6023 Y STRAINER	500008	<a href="#">Bulletin 80-20</a>
6034 Y STRAINER	500016	<a href="#">Bulletin 80-20</a>
6056 Y STRAINER	500024	<a href="#">Bulletin 80-20</a>
6088 Y STRAINER	500032	<a href="#">Bulletin 80-20</a>
STRAINER	054816-02	<a href="#">Bulletin 80-20</a>
STRAINER	054816-03	<a href="#">Bulletin 80-20</a>

# Suction Filters

Sporlan **Suction Filters** primary purpose is to provide excellent filtration of solid contaminants in the suction line just ahead of the compressor. The filter will remove solid contaminants in the piping following installation. The filter media used in the Sporlan Suction Filter has sufficient area and depth to provide excellent filtration, and still keeps the pressure drop at a minimum. Available in both sealed and replaceable element models. Each product is factory tested to ensure trouble-free performance.



### SUCTION FILTER NOMENCLATURE EXAMPLE

<b>SF</b>	-	<b>28</b>	-	<b>5</b>	-	<b>F</b>	-	<b>T</b>
SF - Suction Filter RSF - Replaceable Suction Filter		Shell Size in Cubic Inch		Connections in 1/8"		Connections F - SAE Flare Blank - ODF Solder		T - Inlet Pressure Tap Blank - No Pressure Tap

DESCRIPTION	ITEM #	BULLETIN
RSF-487-T W/SCREEN	800500	<a href="#">Bulletin 80-10</a>
RSF-489-T W/SCREEN	800501	<a href="#">Bulletin 80-10</a>
RSF-4811-T W/SCREEN	800502	<a href="#">Bulletin 80-10</a>
RSF-4813-T W/SCREEN	800505	<a href="#">Bulletin 80-10</a>
RSF-4817-T W/SCREEN	800506	<a href="#">Bulletin 80-10</a>
RSF-4821-T W/SCREEN	800507	<a href="#">Bulletin 80-10</a>
RSF-9611-T W/SCREEN	800508	<a href="#">Bulletin 80-10</a>
RSF-9613-T W/SCREEN	800509	<a href="#">Bulletin 80-10</a>
RSF-9617-T W/SCREEN	800512	<a href="#">Bulletin 80-10</a>
RSF-9621-T W/SCREEN	800514	<a href="#">Bulletin 80-10</a>
RSF-9625-T W/SCREEN	800516	<a href="#">Bulletin 80-10</a>

DESCRIPTION	ITEM #	BULLETIN
SF-283-F	800028	<a href="#">Bulletin 80-10</a>
SF-285-F	800042	<a href="#">Bulletin 80-10</a>
SF-285-FT	800049	<a href="#">Bulletin 80-10</a>
SF-285-T	800037	<a href="#">Bulletin 80-10</a>
SF-286-T	800001	<a href="#">Bulletin 80-10</a>
SF-287-T	800002	<a href="#">Bulletin 80-10</a>
SF-289-T	800006	<a href="#">Bulletin 80-10</a>
SF-489-T	800120	<a href="#">Bulletin 80-10</a>
SF-4811-T	800008	<a href="#">Bulletin 80-10</a>
SF-4813-T	800011	<a href="#">Bulletin 80-10</a>
SF-6417-T	800182	<a href="#">Bulletin 80-10</a>
SF-6421-T	800189	<a href="#">Bulletin 80-10</a>

# Thermostatic Expansion Valves

**Thermostatic Expansion Valves** regulate refrigerant flow by maintaining a nearly constant superheat at the evaporator outlet. Designed to meet any challenge posed by air conditioning or refrigeration applications, Sporlan offers a line of thermostatic expansion valves geared towards real world situations. This includes a comprehensive range of types and fitting configurations, assuring tight seals and quality processes throughout production. Each valve is factory tested to ensure positive leak-free performance.



For TEV elements, see Replacement Parts and Accessories, page 63.

## TEV NOMENCLATURE EXAMPLE

EG	V	E	1	C	3/8" ODF SOLDER	1/2" ODF SOLDER	1/4" ODF SOLDER	5'	
Body Type	<b>Sporlan Code</b> – Refrigerant Element Label Color Code		"E" specifies external equalizer.  Omission of letter "E" indicates valve with internal equalizer.  e.g. EGV-1-C	Nominal Capacity in Tons  (Number or letter)	Thermostatic Charge	Inlet Connection  Size and Style	Outlet Connection  Size and Style	External Equalizer Connection  Size and Style	Capillary Tubing Length  Inches or Feet
	F = R-12 Yellow E = R-13 Blue V = R-22 Green G = R-23 Blue M = R-124 Blue J = R-134a Blue X = R-401A Pink L = R-402A Sand S = R-404A Orange	V = R-407A Green N = R-407C Lt. Brown S = R-408A Purple F = R-409A Yellow Z = R-410A Rose V = R-422D Green R = R-502 Purple W = R-503 Blue P = R-507 Teal W = R-508B Blue							

## TYPE BF, EBF, SBF

DESCRIPTION	ITEM #	BULLETIN
BFJ-A-C 2X4 SAE 30"	100563	<a href="#">Bulletin 10-10</a>
BFJ-A-C 3X4 SAE 30"	100378	<a href="#">Bulletin 10-10</a>
BFJ-A-Z 2X4 SAE 30"	100489	<a href="#">Bulletin 10-10</a>
BFJ-A-Z 3X4 SAE 30"	100522	<a href="#">Bulletin 10-10</a>
BFJ-A-ZP 3X4 SAE 30"	100627	<a href="#">Bulletin 10-10</a>
BFJ-AA-C 2X3 SAE 30"	100592	<a href="#">Bulletin 10-10</a>
BFJ-AA-C 2X4 SAE 30"	100377	<a href="#">Bulletin 10-10</a>
BFJ-AA-C 3X4 SAE 30"	100538	<a href="#">Bulletin 10-10</a>
BFJ-AA-Z 2X4 SAE 30"	100487	<a href="#">Bulletin 10-10</a>
BFJ-AA-Z 3X4 SAE 30"	100655	<a href="#">Bulletin 10-10</a>
BFJ-AA-ZP 2X4 SAE 30"	100590	<a href="#">Bulletin 10-10</a>
BFJ-AA-ZP 3X4 SAE 30"	100652	<a href="#">Bulletin 10-10</a>
BFJ-AAA-C 2X3 SAE 30"	100605	<a href="#">Bulletin 10-10</a>
BFJ-AAA-C 2X4 SAE 30"	100440	<a href="#">Bulletin 10-10</a>
BFJ-AAA-C 3X4 SAE 30"	100604	<a href="#">Bulletin 10-10</a>
BFJ-AAA-Z 2X4 SAE 30"	100613	<a href="#">Bulletin 10-10</a>
BFJ-AAA-ZP 2X4 SAE 30"	100594	<a href="#">Bulletin 10-10</a>
BFJ-B-C 3X4 SAE 30"	100379	<a href="#">Bulletin 10-10</a>
BFJ-B-Z 3X4 SAE 30"	100657	<a href="#">Bulletin 10-10</a>
BFJ-C-C 3X4 SAE 30"	100380	<a href="#">Bulletin 10-10</a>
BFJ-C-Z 3X4 SAE 30"	100659	<a href="#">Bulletin 10-10</a>
BFJE-A-C 3X4 SAE 30"	100962	<a href="#">Bulletin 10-10</a>
BFJE-A-Z 3X4 SAE 30"	100224	<a href="#">Bulletin 10-10</a>
BFJE-A-ZP 3X4 SAE 30"	100423	<a href="#">Bulletin 10-10</a>
BFJE-AA-C 2X4 SAE 30"	100381	<a href="#">Bulletin 10-10</a>
BFJE-AA-C 3X4 SAE 30"	100949	<a href="#">Bulletin 10-10</a>
BFJE-AA-Z 2X4 SAE 30"	100589	<a href="#">Bulletin 10-10</a>
BFJE-AA-ZP 2X4 SAE 30"	100942	<a href="#">Bulletin 10-10</a>
BFJE-AA-ZP 3X4 SAE 30"	100907	<a href="#">Bulletin 10-10</a>
BFJE-AAA-C 2X3 SAE 30"	100786	<a href="#">Bulletin 10-10</a>
BFJE-AAA-C 2X4 SAE 30"	100444	<a href="#">Bulletin 10-10</a>
BFJE-B-C 3X4 SAE 30"	100958	<a href="#">Bulletin 10-10</a>
BFJE-B-CP60 3X4 SAE 30"	100388	<a href="#">Bulletin 10-10</a>
BFJE-B-Z 3X4 SAE 30"	100494	<a href="#">Bulletin 10-10</a>
BFJE-B-ZP 3X4 SAE 30"	100491	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
BFJE-C-C 3X4 SAE 30"	100959	<a href="#">Bulletin 10-10</a>
BFJE-C-CP60 3X4 SAE 30"	100389	<a href="#">Bulletin 10-10</a>
BFJE-C-Z 3X4 SAE 30"	100905	<a href="#">Bulletin 10-10</a>
BFP-A-C 2X4 SAE 30"	100570	<a href="#">Bulletin 10-10</a>
BFP-A-C 3X4 SAE 30"	100571	<a href="#">Bulletin 10-10</a>
BFP-A-Z 2X4 SAE 30"	100228	<a href="#">Bulletin 10-10</a>
BFP-AA-C 2X4 SAE 30"	100032	<a href="#">Bulletin 10-10</a>
BFP-AAA-C 2X4 SAE 30"	100459	<a href="#">Bulletin 10-10</a>
BFP-AAA-C 3X4 SAE 60"	100443	<a href="#">Bulletin 10-10</a>
BFP-B-C 3X4 SAE 30"	100229	<a href="#">Bulletin 10-10</a>
BFPE-A-C 3X4 SAE 30"	100234	<a href="#">Bulletin 10-10</a>
BFPE-A-C 3X4 SAE 60"	100012	<a href="#">Bulletin 10-10</a>
BFPE-A-Z 3X4 SAE 30"	100615	<a href="#">Bulletin 10-10</a>
BFPE-AA-C 3X4 SAE 30"	100026	<a href="#">Bulletin 10-10</a>
BFPE-AAA-C 2X4 SAE 30"	100464	<a href="#">Bulletin 10-10</a>
BFPE-B-C 3X4 SAE 30"	100218	<a href="#">Bulletin 10-10</a>
BFPE-B-Z 3X4 SAE 30"	100528	<a href="#">Bulletin 10-10</a>
BFPE-B-ZP 3X4 SAE 30"	100216	<a href="#">Bulletin 10-10</a>
BFPE-C-C 3X4 SAE 30"	100473	<a href="#">Bulletin 10-10</a>
BFPE-C-Z 3X4 SAE 30"	100233	<a href="#">Bulletin 10-10</a>
BFS-A-C 2X3 SAE 30"	100620	<a href="#">Bulletin 10-10</a>
BFS-A-C 3X4 SAE 30"	100391	<a href="#">Bulletin 10-10</a>
BFS-A-Z 3X4 SAE 30"	100399	<a href="#">Bulletin 10-10</a>
BFS-A-ZP 3X4 SAE 30"	100407	<a href="#">Bulletin 10-10</a>
BFS-AA-C 2X4 SAE 30"	100390	<a href="#">Bulletin 10-10</a>
BFS-AA-C 3X4 SAE 30"	100242	<a href="#">Bulletin 10-10</a>
BFS-AA-Z 2X4 SAE 30"	100398	<a href="#">Bulletin 10-10</a>
BFS-AA-Z 2X4 SAE 60"	100192	<a href="#">Bulletin 10-10</a>
BFS-AA-Z 3X4 SAE 30"	100573	<a href="#">Bulletin 10-10</a>
BFS-AA-ZP 2X4 SAE 30"	100406	<a href="#">Bulletin 10-10</a>
BFS-AA-ZP 3X4 SAE 30"	100246	<a href="#">Bulletin 10-10</a>
BFS-AAA-C 2X3 SAE 30"	100737	<a href="#">Bulletin 10-10</a>
BFS-AAA-C 2X4 SAE 30"	100449	<a href="#">Bulletin 10-10</a>
BFS-AAA-C 3X4 SAE 30"	100750	<a href="#">Bulletin 10-10</a>
BFS-AAA-Z 2X4 SAE 30"	100452	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE BF, EBF, SBF

DESCRIPTION	ITEM #	BULLETIN
BFS-AAA-Z 3X4 SAE 30"	100765	<a href="#">Bulletin 10-10</a>
BFS-AAA-ZP 2X4 SAE 30"	100454	<a href="#">Bulletin 10-10</a>
BFS-AAA-ZP 3X4 SAE 30"	100787	<a href="#">Bulletin 10-10</a>
BFS-B-C 3X4 SAE 30"	100392	<a href="#">Bulletin 10-10</a>
BFS-B-C 3X4 SAE 60"	100411	<a href="#">Bulletin 10-10</a>
BFS-B-Z 3X4 SAE 30"	100400	<a href="#">Bulletin 10-10</a>
BFS-B-ZP 3X4 SAE 30"	100408	<a href="#">Bulletin 10-10</a>
BFS-C-C 3X4 SAE 5'	168842	<a href="#">Bulletin 10-10</a>
BFS-C-C 3X4 SAE 30"	100393	<a href="#">Bulletin 10-10</a>
BFS-C-ZP 3X4 SAE 30"	100409	<a href="#">Bulletin 10-10</a>
BFSE-A-C 2X4 SAE 30"	100562	<a href="#">Bulletin 10-10</a>
BFSE-A-C 3X4 SAE 30"	100395	<a href="#">Bulletin 10-10</a>
BFSE-A-Z 3X4 SAE 30"	100403	<a href="#">Bulletin 10-10</a>
BFSE-A-Z 3X4 SAE 60"	100046	<a href="#">Bulletin 10-10</a>
BFSE-A-ZP 2X4 SAE 30"	101003	<a href="#">Bulletin 10-10</a>
BFSE-A-ZP 3X4 SAE 30"	100412	<a href="#">Bulletin 10-10</a>
BFSE-AA-C 2X4 SAE 30"	100394	<a href="#">Bulletin 10-10</a>
BFSE-AA-C 3X4 SAE 30"	100559	<a href="#">Bulletin 10-10</a>
BFSE-AA-Z 2X4 SAE 30"	100402	<a href="#">Bulletin 10-10</a>
BFSE-AA-Z 3X4 SAE 30"	100248	<a href="#">Bulletin 10-10</a>
BFSE-AA-Z 3X4 SAE 60"	100017	<a href="#">Bulletin 10-10</a>
BFSE-AA-ZP 2X4 SAE 30"	100410	<a href="#">Bulletin 10-10</a>
BFSE-AA-ZP 3X4 SAE 30"	100480	<a href="#">Bulletin 10-10</a>
BFSE-AAA-C 2X4 SAE 30"	100456	<a href="#">Bulletin 10-10</a>
BFSE-AAA-C 3X4 SAE 30"	100654	<a href="#">Bulletin 10-10</a>
BFSE-AAA-Z 2X4 SAE 30"	100457	<a href="#">Bulletin 10-10</a>
BFSE-AAA-ZP 2X4 SAE 30"	100458	<a href="#">Bulletin 10-10</a>
BFSE-B-C 3X4 SAE 30"	100396	<a href="#">Bulletin 10-10</a>
BFSE-B-C 3X4 SAE 60"	110010	<a href="#">Bulletin 10-10</a>
BFSE-B-Z 3X4 SAE 30"	100404	<a href="#">Bulletin 10-10</a>
BFSE-B-Z 3X4 SAE 60"	100014	<a href="#">Bulletin 10-10</a>
BFSE-B-ZP 3X4 SAE 30"	100414	<a href="#">Bulletin 10-10</a>
BFSE-B-ZP 3X4 SAE 60"	100016	<a href="#">Bulletin 10-10</a>
BFSE-C-C 3X4 SAE 30"	100397	<a href="#">Bulletin 10-10</a>
BFSE-C-C 3X4 SAE 60"	100578	<a href="#">Bulletin 10-10</a>
BFSE-C-Z 3X4 SAE 30"	100405	<a href="#">Bulletin 10-10</a>
BFSE-C-Z 3X4 SAE 60"	100021	<a href="#">Bulletin 10-10</a>
BFSE-C-ZP 3X4 SAE 30"	100415	<a href="#">Bulletin 10-10</a>
BFV-A-C 2X4 SAE 30"	100418	<a href="#">Bulletin 10-10</a>
BFV-A-C 2X4 SAE 60"	100420	<a href="#">Bulletin 10-10</a>
BFV-A-C 3X4 SAE 30"	100425	<a href="#">Bulletin 10-10</a>
BFV-A-C 3X4 SAE 60"	100427	<a href="#">Bulletin 10-10</a>
BFV-A-Z 3X4 SAE 30"	100509	<a href="#">Bulletin 10-10</a>
BFV-A-ZP 3X4 SAE 30"	100593	<a href="#">Bulletin 10-10</a>
BFV-AA-C 2X3 SAE 30"	100209	<a href="#">Bulletin 10-10</a>
BFV-AA-C 2X4 SAE 30"	100250	<a href="#">Bulletin 10-10</a>
BFV-AA-C 3X4 SAE 30"	100252	<a href="#">Bulletin 10-10</a>
BFV-AA-Z 2X4 SAE 30"	100254	<a href="#">Bulletin 10-10</a>
BFV-AA-Z 3X4 SAE 30"	100256	<a href="#">Bulletin 10-10</a>
BFV-AA-ZP 2X4 SAE 30"	100258	<a href="#">Bulletin 10-10</a>
BFV-AA-ZP 3X4 SAE 30"	100260	<a href="#">Bulletin 10-10</a>
BFV-AAA-C 2X4 SAE 30"	100431	<a href="#">Bulletin 10-10</a>
BFV-AAA-C 3X4 SAE 30"	100508	<a href="#">Bulletin 10-10</a>
BFV-AAA-C 3X4 SAE 60"	100512	<a href="#">Bulletin 10-10</a>
BFV-AAA-Z 2X3 SAE 30"	100738	<a href="#">Bulletin 10-10</a>
BFV-AAA-Z 2X4 SAE 30"	100433	<a href="#">Bulletin 10-10</a>
BFV-AAA-ZP 2X4 SAE 30"	100478	<a href="#">Bulletin 10-10</a>
BFV-AAA-ZP40 2X4 SAE 30"	100435	<a href="#">Bulletin 10-10</a>
BFV-B-C 3X4 SAE 30"	100322	<a href="#">Bulletin 10-10</a>
BFV-B-ZP 3X4 SAE 30"	100326	<a href="#">Bulletin 10-10</a>
BFV-C-C 3X4 SAE 30"	100467	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
BFV-C-Z 3X4 SAE 30"	100551	<a href="#">Bulletin 10-10</a>
BFVE-A-C 2X3 SAE 30"	100432	<a href="#">Bulletin 10-10</a>
BFVE-A-C 2X4 SAE 30"	100439	<a href="#">Bulletin 10-10</a>
BFVE-A-C 3X4 SAE 30"	100446	<a href="#">Bulletin 10-10</a>
BFVE-A-C 3X4 SAE 60"	100448	<a href="#">Bulletin 10-10</a>
BFVE-A-CP100 3X4 SAE 30"	100037	<a href="#">Bulletin 10-10</a>
BFVE-A-Z 2X4 SAE 30"	100523	<a href="#">Bulletin 10-10</a>
BFVE-A-Z 3X4 SAE 30"	100530	<a href="#">Bulletin 10-10</a>
BFVE-A-ZP 3X4 SAE 30"	100614	<a href="#">Bulletin 10-10</a>
BFVE-A-ZP40 3X4 SAE 30"	100699	<a href="#">Bulletin 10-10</a>
BFVE-AA-C 2X4 SAE 30"	100262	<a href="#">Bulletin 10-10</a>
BFVE-AA-C 3X4 SAE 30"	100264	<a href="#">Bulletin 10-10</a>
BFVE-AA-Z 2X4 SAE 30"	100266	<a href="#">Bulletin 10-10</a>
BFVE-AA-Z 3X4 SAE 30"	100268	<a href="#">Bulletin 10-10</a>
BFVE-AA-ZP 2X4 SAE 30"	100270	<a href="#">Bulletin 10-10</a>
BFVE-AA-ZP40 2X4 SAE 30"	100704	<a href="#">Bulletin 10-10</a>
BFVE-AA-ZP40 3X4 SAE 30"	100708	<a href="#">Bulletin 10-10</a>
BFVE-AAA-C 2X3 SAE 30"	100034	<a href="#">Bulletin 10-10</a>
BFVE-AAA-C 2X4 SAE 30"	100436	<a href="#">Bulletin 10-10</a>
BFVE-AAA-C 3X4 SAE 30"	100035	<a href="#">Bulletin 10-10</a>
BFVE-AAA-C 3X4 SAE 60"	100566	<a href="#">Bulletin 10-10</a>
BFVE-AAA-Z 3X4 SAE 30"	100047	<a href="#">Bulletin 10-10</a>
BFVE-AAA-ZP 2X4 SAE 30"	100477	<a href="#">Bulletin 10-10</a>
BFVE-B-C 3X4 SAE 30"	100328	<a href="#">Bulletin 10-10</a>
BFVE-B-C 3X4 SAE 60"	100329	<a href="#">Bulletin 10-10</a>
BFVE-B-GA 3X4 SAE 30"	100360	<a href="#">Bulletin 10-10</a>
BFVE-B-Z 3X4 SAE 30"	100330	<a href="#">Bulletin 10-10</a>
BFVE-B-ZP 3X4 SAE 30"	100332	<a href="#">Bulletin 10-10</a>
BFVE-B-ZP40 3X4 SAE 30"	100713	<a href="#">Bulletin 10-10</a>
BFVE-C-C 3X4 SAE 30"	100488	<a href="#">Bulletin 10-10</a>
BFVE-C-C 3X4 SAE 60"	100490	<a href="#">Bulletin 10-10</a>
BFVE-C-CP100 3X4 SAE 30"	100040	<a href="#">Bulletin 10-10</a>
BFVE-C-GA 3X4 SAE 30"	100361	<a href="#">Bulletin 10-10</a>
BFVE-C-Z 3X4 SAE 30"	100572	<a href="#">Bulletin 10-10</a>
BFVE-C-ZP 3X4 SAE 30"	100656	<a href="#">Bulletin 10-10</a>
EBFJ-A-C 3VX4 ODF 30"	108232	<a href="#">Bulletin 10-10</a>
EBFJ-A-CP60 3VX4 ODF 30"	108233	<a href="#">Bulletin 10-10</a>
EBFJ-A-CP60 3VX4 ODF 60"	108353	<a href="#">Bulletin 10-10</a>
EBFJ-AA-C 3VX4 ODF 30"	112111	<a href="#">Bulletin 10-10</a>
EBFJ-AAA-C 3VX4 ODF 30"	108237	<a href="#">Bulletin 10-10</a>
EBFJ-AAA-Z 3VX4 ODF 30"	109199	<a href="#">Bulletin 10-10</a>
EBFJ-B-CP60 3VX4 ODF 30"	108239	<a href="#">Bulletin 10-10</a>
EBFJ-C-C 3VX4 ODF 30"	108240	<a href="#">Bulletin 10-10</a>
EBFJ-C-CP60 3VX4 ODF 30"	108241	<a href="#">Bulletin 10-10</a>
EBFJE-A-C 3VX4 ODF 30"	108243	<a href="#">Bulletin 10-10</a>
EBFJE-A-CP60 3VX4 ODF 30"	108244	<a href="#">Bulletin 10-10</a>
EBFJE-A-CP60 3VX4 ODF 60"	109186	<a href="#">Bulletin 10-10</a>
EBFJE-A-Z 3VX4 ODF 30"	109188	<a href="#">Bulletin 10-10</a>
EBFJE-AA-C 3VX4 ODF 30"	108247	<a href="#">Bulletin 10-10</a>
EBFJE-AA-L1 3VX4 ODF 30"	109029	<a href="#">Bulletin 10-10</a>
EBFJE-AAA-C 3VX4 ODF 30"	109108	<a href="#">Bulletin 10-10</a>
EBFJE-B-C 3VX4 ODF 30"	108251	<a href="#">Bulletin 10-10</a>
EBFJE-B-CP60 3VX4 ODF 30"	108252	<a href="#">Bulletin 10-10</a>
EBFJE-C-C 3VX4 ODF 30"	108883	<a href="#">Bulletin 10-10</a>
EBFJE-C-C 3VX4 ODF 60"	110591	<a href="#">Bulletin 10-10</a>
EBFJE-C-CP60 3VX4 ODF 30"	108254	<a href="#">Bulletin 10-10</a>
EBFJE-C-CP60 3VX4 ODF 60"	112226	<a href="#">Bulletin 10-10</a>
EBFNE-A-CP100 3VX5 ODF 60"	113089	<a href="#">Bulletin 10-10</a>
EBFNE-B-CP100 3VX5 ODF 60"	112504	<a href="#">Bulletin 10-10</a>
EBFP-AA-Z 3VX4 ODF 30"	108967	<a href="#">Bulletin 10-10</a>
EBFP-AAA-Z 3VX4 ODF 30"	108264	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE BF, EBF, SBF

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
EBFPE-A-C 3VX4 ODF 30"	108893	<a href="#">Bulletin 10-10</a>	EBFV-C-C 3VX4 ODF 30"	109073	<a href="#">Bulletin 10-10</a>
EBFPE-A-C 3VX5 ODF 30"	112411	<a href="#">Bulletin 10-10</a>	EBFV-C-CP100 3VX4 ODF 30"	110076	<a href="#">Bulletin 10-10</a>
EBFPE-A-Z 3VX4 ODF 30"	108266	<a href="#">Bulletin 10-10</a>	EBFVE-A-C 3VX4 ODF 30"	111877	<a href="#">Bulletin 10-10</a>
EBFPE-A-ZP 3VX4 ODF 30"	108267	<a href="#">Bulletin 10-10</a>	EBFVE-A-C 3VX5 ODF 30"	110078	<a href="#">Bulletin 10-10</a>
EBFPE-AA-C 3VX4 ODF 30"	108268	<a href="#">Bulletin 10-10</a>	EBFVE-A-CP100 3VX4 ODF 30"	110083	<a href="#">Bulletin 10-10</a>
EBFPE-AA-Z 3VX4 ODF 30"	110594	<a href="#">Bulletin 10-10</a>	EBFVE-A-GA 3VX4 ODF 30"	110086	<a href="#">Bulletin 10-10</a>
EBFPE-AAA-C 3VX4 ODF 30"	108269	<a href="#">Bulletin 10-10</a>	EBFVE-A-Z 3VX4 ODF 30"	109046	<a href="#">Bulletin 10-10</a>
EBFPE-AAA-Z 3VX4 ODF 30"	108270	<a href="#">Bulletin 10-10</a>	EBFVE-A-ZP 3VX4 ODF 30"	110097	<a href="#">Bulletin 10-10</a>
EBFPE-AAA-ZP 3VX4 ODF 30"	108271	<a href="#">Bulletin 10-10</a>	EBFVE-A-ZP40 3VX4 ODF 30"	109055	<a href="#">Bulletin 10-10</a>
EBFPE-B-ZP 3VX4 ODF 30"	108275	<a href="#">Bulletin 10-10</a>	EBFVE-AA-C 3VX4 ODF 30"	109024	<a href="#">Bulletin 10-10</a>
EBFPE-C-Z 3VX4 ODF 30"	108276	<a href="#">Bulletin 10-10</a>	EBFVE-AA-GA 3VX4 ODF 60"	108958	<a href="#">Bulletin 10-10</a>
EBFPE-C-ZP 3VX4 ODF 30"	108278	<a href="#">Bulletin 10-10</a>	EBFVE-AA-Z 3VX4 ODF 30"	108200	<a href="#">Bulletin 10-10</a>
EBFS-A-C 3VX4 ODF 30"	112186	<a href="#">Bulletin 10-10</a>	EBFVE-AA-ZP 3VX4 ODF 30"	111822	<a href="#">Bulletin 10-10</a>
EBFS-A-Z 3VX4 ODF 30"	112189	<a href="#">Bulletin 10-10</a>	EBFVE-AAA-C 3VX3 ODF 30"	108834	<a href="#">Bulletin 10-10</a>
EBFS-A-ZP 3VX4 ODF 30"	112195	<a href="#">Bulletin 10-10</a>	EBFVE-AAA-C 3VX4 ODF 30"	110099	<a href="#">Bulletin 10-10</a>
EBFS-AA-C 3VX4 ODF 30"	112204	<a href="#">Bulletin 10-10</a>	EBFVE-AAA-Z 3VX4 ODF 30"	110106	<a href="#">Bulletin 10-10</a>
EBFS-AA-Z 3VX4 ODF 30"	112237	<a href="#">Bulletin 10-10</a>	EBFVE-B-C 3VX4 ODF 30"	109063	<a href="#">Bulletin 10-10</a>
EBFS-AA-ZP 3VX4 ODF 30"	112281	<a href="#">Bulletin 10-10</a>	EBFVE-B-CP100 3VX4 ODF 30"	109069	<a href="#">Bulletin 10-10</a>
EBFS-AAA-C 3VX4 ODF 30"	112307	<a href="#">Bulletin 10-10</a>	EBFVE-B-CP100 3VX5 ODF 30"	110108	<a href="#">Bulletin 10-10</a>
EBFS-AAA-Z 3VX4 ODF 30"	112316	<a href="#">Bulletin 10-10</a>	EBFVE-B-GA 3VX4 ODF 30"	110113	<a href="#">Bulletin 10-10</a>
EBFS-AAA-ZP 3VX4 ODF 30"	112330	<a href="#">Bulletin 10-10</a>	EBFVE-B-GA 4VX5 ODF 30"	110387	<a href="#">Bulletin 10-10</a>
EBFS-B-C 3VX4 ODF 30"	112332	<a href="#">Bulletin 10-10</a>	EBFVE-B-Z 3VX4 ODF 30"	110115	<a href="#">Bulletin 10-10</a>
EBFS-B-ZP 3VX4 ODF 30"	112345	<a href="#">Bulletin 10-10</a>	EBFVE-B-ZP 3VX4 ODF 30"	110123	<a href="#">Bulletin 10-10</a>
EBFSE-A-C 3VX4 ODF 30"	108922	<a href="#">Bulletin 10-10</a>	EBFVE-C-C 3VX4 ODF 30"	109074	<a href="#">Bulletin 10-10</a>
EBFSE-A-L1 3VX4 ODF 30"	108975	<a href="#">Bulletin 10-10</a>	EBFVE-C-C 3VX4 ODF 60"	109077	<a href="#">Bulletin 10-10</a>
EBFSE-A-Z 3VX4 ODF 30"	108915	<a href="#">Bulletin 10-10</a>	EBFVE-C-CP100 3VX4 ODF 30"	110125	<a href="#">Bulletin 10-10</a>
EBFSE-A-ZP 3VX4 ODF 30"	110011	<a href="#">Bulletin 10-10</a>	EBFVE-C-CP100 3VX4 ODF 60"	110129	<a href="#">Bulletin 10-10</a>
EBFSE-A-ZP 3VX4 ODF 60"	108319	<a href="#">Bulletin 10-10</a>	EBFVE-C-GA 3VX4 ODF 30"	110130	<a href="#">Bulletin 10-10</a>
EBFSE-A-ZP 3VX4 ODF 60"	108918	<a href="#">Bulletin 10-10</a>	EBFVE-C-GA 3VX4 ODF 60"	111563	<a href="#">Bulletin 10-10</a>
EBFSE-A-ZP 3VX5 ODF 30"	112420	<a href="#">Bulletin 10-10</a>	EBFVE-C-GA 3VX5 ODF 30"	110135	<a href="#">Bulletin 10-10</a>
EBFSE-A-ZP20 3VX4 ODF 30"	112242	<a href="#">Bulletin 10-10</a>	EBFVE-C-Z 3VX4 ODF 30"	109099	<a href="#">Bulletin 10-10</a>
EBFSE-AA-C 3VX4 ODF 30"	110013	<a href="#">Bulletin 10-10</a>	EBFVE-C-ZP 3VX4 ODF 30"	110137	<a href="#">Bulletin 10-10</a>
EBFSE-AA-Z 3VX4 ODF 30"	110015	<a href="#">Bulletin 10-10</a>	EBFVE-C-ZP40 3VX4 ODF 30"	110178	<a href="#">Bulletin 10-10</a>
EBFSE-AA-ZP 3VX4 ODF 30"	110016	<a href="#">Bulletin 10-10</a>	SBFF-AA-C 3X4 ODF 30"	108481	<a href="#">Bulletin 10-10</a>
EBFSE-AAA-C 3VX4 ODF 30"	110017	<a href="#">Bulletin 10-10</a>	SBFF-C-C 3X4 ODF 30"	108504	<a href="#">Bulletin 10-10</a>
EBFSE-AAA-Z 3VX4 ODF 30"	110018	<a href="#">Bulletin 10-10</a>	SBFJ-A-C 3X4 ODF 30"	108547	<a href="#">Bulletin 10-10</a>
EBFSE-AAA-ZP 3VX4 ODF 30"	108968	<a href="#">Bulletin 10-10</a>	SBFJ-A-Z 3X4 ODF 30"	112194	<a href="#">Bulletin 10-10</a>
EBFSE-B-C 3VX4 ODF 30"	110022	<a href="#">Bulletin 10-10</a>	SBFJ-AA-C 3X4 ODF 30"	108548	<a href="#">Bulletin 10-10</a>
EBFSE-B-C 3VX5 ODF 30"	112359	<a href="#">Bulletin 10-10</a>	SBFJ-AA-C 3X4 ODF 60"	108171	<a href="#">Bulletin 10-10</a>
EBFSE-B-Z 3VX4 ODF 30"	108924	<a href="#">Bulletin 10-10</a>	SBFJ-AAA-C 2X4 ODF 30"	111495	<a href="#">Bulletin 10-10</a>
EBFSE-B-ZP 3VX4 ODF 30"	110023	<a href="#">Bulletin 10-10</a>	SBFJ-AAA-C 3X4 ODF 30"	108816	<a href="#">Bulletin 10-10</a>
EBFSE-B-ZP 3VX5 ODF 30"	112413	<a href="#">Bulletin 10-10</a>	SBFJE-A-C 3X4 ODF 30"	108549	<a href="#">Bulletin 10-10</a>
EBFSE-C-C 3X7 ODF 30"	112424	<a href="#">Bulletin 10-10</a>	SBFJE-A-C 3X4 ODF 60"	108964	<a href="#">Bulletin 10-10</a>
EBFSE-C-C 3VX4 ODF 30"	108935	<a href="#">Bulletin 10-10</a>	SBFJE-A-CP60 3X4 ODF 60"	112322	<a href="#">Bulletin 10-10</a>
EBFSE-C-C 3VX5 ODF 30"	112283	<a href="#">Bulletin 10-10</a>	SBFJE-A-Z 3X4 ODF 30"	112331	<a href="#">Bulletin 10-10</a>
EBFSE-C-Z 3VX4 ODF 30"	110031	<a href="#">Bulletin 10-10</a>	SBFJE-A-ZP 3X4 ODF 30"	109185	<a href="#">Bulletin 10-10</a>
EBFSE-C-ZP 4X7 ODF 30"	112467	<a href="#">Bulletin 10-10</a>	SBFJE-AA-C 3X4 ODF 30"	108960	<a href="#">Bulletin 10-10</a>
EBFSE-C-ZP 3VX4 ODF 30"	108931	<a href="#">Bulletin 10-10</a>	SBFJE-AA-C 3X4 ODF 60"	112113	<a href="#">Bulletin 10-10</a>
EBFSE-C-ZP 3VX5 ODF 30"	109187	<a href="#">Bulletin 10-10</a>	SBFJE-AA-ZP 3X4 ODF 60"	112370	<a href="#">Bulletin 10-10</a>
EBFV-A-C 3VX4 ODF 30"	109033	<a href="#">Bulletin 10-10</a>	SBFJE-AAA-C 3X4 ODF 30"	108817	<a href="#">Bulletin 10-10</a>
EBFV-A-CP100 3VX4 ODF 30"	111984	<a href="#">Bulletin 10-10</a>	SBFJE-AAA-C 3X4 ODF 60"	108855	<a href="#">Bulletin 10-10</a>
EBFV-A-ZP40 3VX4 ODF 30"	110032	<a href="#">Bulletin 10-10</a>	SBFJE-B-C 3X4 ODF 30"	108551	<a href="#">Bulletin 10-10</a>
EBFV-AA-C 2SX4 ODF 30"	110034	<a href="#">Bulletin 10-10</a>	SBFJE-B-C 3X4 ODF 60"	112104	<a href="#">Bulletin 10-10</a>
EBFV-AA-C 3VX4 ODF 30"	110044	<a href="#">Bulletin 10-10</a>	SBFJE-B-CP60 3X4 ODF 60"	108180	<a href="#">Bulletin 10-10</a>
EBFV-AA-Z 3VX4 ODF 30"	111807	<a href="#">Bulletin 10-10</a>	SBFJE-B-Z 3X4 ODF 30"	109194	<a href="#">Bulletin 10-10</a>
EBFV-AAA-C 2SX3 ODF 30"	109018	<a href="#">Bulletin 10-10</a>	SBFJE-C-C 3X4 ODF 30"	108552	<a href="#">Bulletin 10-10</a>
EBFV-AAA-C 2SX4 ODF 30"	110045	<a href="#">Bulletin 10-10</a>	SBFJE-C-C 3X4 ODF 60"	112159	<a href="#">Bulletin 10-10</a>
EBFV-AAA-C 3VX4 ODF 30"	110046	<a href="#">Bulletin 10-10</a>	SBFJE-C-CP60 3X4 ODF 30"	108123	<a href="#">Bulletin 10-10</a>
EBFV-AAA-Z 3VX4 ODF 30"	110050	<a href="#">Bulletin 10-10</a>	SBFJE-C-CP60 3X4 ODF 60"	108980	<a href="#">Bulletin 10-10</a>
EBFV-B-C 3VX4 ODF 30"	110053	<a href="#">Bulletin 10-10</a>	SBFJE-C-Z 3X4 ODF 30"	112333	<a href="#">Bulletin 10-10</a>
EBFV-B-Z 3VX4 ODF 30"	110065	<a href="#">Bulletin 10-10</a>	SBFNE-B-C 3X4X2 ODF 30"	112372	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE BF, EBF, SBF

DESCRIPTION	ITEM #	BULLETIN
SBFNE-C-C 3X4 ODF 30"	112376	<a href="#">Bulletin 10-10</a>
SBFP-A-C 3X4 ODF 30"	109147	<a href="#">Bulletin 10-10</a>
SBFP-AA-C 3X4 ODF 30"	111381	<a href="#">Bulletin 10-10</a>
SBFP-AAA-C 3X4 ODF 30"	108824	<a href="#">Bulletin 10-10</a>
SBFP-AAA-C 3X4 ODF 60"	108844	<a href="#">Bulletin 10-10</a>
SBFPE-A-C 3X4 ODF 30"	108978	<a href="#">Bulletin 10-10</a>
SBFPE-A-C 3X4 ODF 60"	108979	<a href="#">Bulletin 10-10</a>
SBFPE-A-Z 3X4 ODF 30"	108840	<a href="#">Bulletin 10-10</a>
SBFPE-A-ZP 3X4 ODF 30"	108984	<a href="#">Bulletin 10-10</a>
SBFPE-AA-C 2X4 ODF 30"	111389	<a href="#">Bulletin 10-10</a>
SBFPE-AA-C 3X4 ODF 30"	108969	<a href="#">Bulletin 10-10</a>
SBFPE-AA-C 3X4 ODF 60"	108907	<a href="#">Bulletin 10-10</a>
SBFPE-AA-Z 3X4 ODF 30"	108911	<a href="#">Bulletin 10-10</a>
SBFPE-AA-Z 3X4 ODF 60"	108992	<a href="#">Bulletin 10-10</a>
SBFPE-AA-ZP 3X4 ODF 30"	111473	<a href="#">Bulletin 10-10</a>
SBFPE-AAA-C 3X4 ODF 30"	108827	<a href="#">Bulletin 10-10</a>
SBFPE-AAA-Z 3X4 ODF 30"	108828	<a href="#">Bulletin 10-10</a>
SBFPE-AAA-ZP 3X4 ODF 30"	108829	<a href="#">Bulletin 10-10</a>
SBFPE-B-C 3X4 ODF 30"	108927	<a href="#">Bulletin 10-10</a>
SBFPE-B-C 3X4 ODF 60"	108986	<a href="#">Bulletin 10-10</a>
SBFPE-B-C 3X5 ODF 30"	108164	<a href="#">Bulletin 10-10</a>
SBFPE-B-Z 3X4 ODF 30"	108839	<a href="#">Bulletin 10-10</a>
SBFPE-B-ZP 3X4 ODF 30"	108989	<a href="#">Bulletin 10-10</a>
SBFPE-C-C 3X4 ODF 30"	108785	<a href="#">Bulletin 10-10</a>
SBFPE-C-C 3X5 ODF 30"	109137	<a href="#">Bulletin 10-10</a>
SBFPE-C-Z 3X4 ODF 30"	108990	<a href="#">Bulletin 10-10</a>
SBFPE-C-Z 3X4 ODF 60"	109151	<a href="#">Bulletin 10-10</a>
SBFPE-C-ZP 3X4 ODF 30"	108991	<a href="#">Bulletin 10-10</a>
SBFS-A-C 3X4 ODF 30"	108953	<a href="#">Bulletin 10-10</a>
SBFS-A-C 3X5 ODF 30"	112351	<a href="#">Bulletin 10-10</a>
SBFS-A-Z 3X4 ODF 30"	108941	<a href="#">Bulletin 10-10</a>
SBFS-A-ZP 3X4 ODF 30"	108928	<a href="#">Bulletin 10-10</a>
SBFS-AA-C 3X4 ODF 30"	109002	<a href="#">Bulletin 10-10</a>
SBFS-AA-C 3X4 ODF 60"	108181	<a href="#">Bulletin 10-10</a>
SBFS-AA-C 3X5 ODF 30"	111883	<a href="#">Bulletin 10-10</a>
SBFS-AA-Z 3X4 ODF 30"	108996	<a href="#">Bulletin 10-10</a>
SBFS-AA-Z 3X5 ODF 30"	108998	<a href="#">Bulletin 10-10</a>
SBFS-AA-Z 3X5 ODF 60"	108999	<a href="#">Bulletin 10-10</a>
SBFS-AA-ZP 3X4 ODF 30"	109001	<a href="#">Bulletin 10-10</a>
SBFS-AA-ZP 3X5 ODF 60"	112202	<a href="#">Bulletin 10-10</a>
SBFS-AAA-C 3X4 ODF 30"	108818	<a href="#">Bulletin 10-10</a>
SBFS-AAA-C 3X4 ODF 60"	108845	<a href="#">Bulletin 10-10</a>
SBFS-AAA-Z 3X4 ODF 30"	108819	<a href="#">Bulletin 10-10</a>
SBFS-AAA-Z 3X4 ODF 60"	165026	<a href="#">Bulletin 10-10</a>
SBFS-AAA-ZP 3X4 ODF 30"	108820	<a href="#">Bulletin 10-10</a>
SBFS-B-C 3X4 ODF 30"	109012	<a href="#">Bulletin 10-10</a>
SBFS-B-C 3X4 ODF 60"	108167	<a href="#">Bulletin 10-10</a>
SBFS-B-Z 3X4 ODF 30"	112136	<a href="#">Bulletin 10-10</a>
SBFS-B-ZP 3X4 ODF 30"	112170	<a href="#">Bulletin 10-10</a>
SBFS-B-ZP 3X5 ODF 30"	109182	<a href="#">Bulletin 10-10</a>
SBFS-C-C 3X4 ODF 30"	108934	<a href="#">Bulletin 10-10</a>
SBFSE-A-C 3X4 ODF 30"	108617	<a href="#">Bulletin 10-10</a>
SBFSE-A-C 3X4 ODF 60"	109128	<a href="#">Bulletin 10-10</a>
SBFSE-A-Z 3X4 ODF 30"	108618	<a href="#">Bulletin 10-10</a>
SBFSE-A-Z 3X4 ODF 60"	111991	<a href="#">Bulletin 10-10</a>
SBFSE-A-ZP 3X4 ODF 30"	108619	<a href="#">Bulletin 10-10</a>
SBFSE-A-ZP 3X4 ODF 60"	108976	<a href="#">Bulletin 10-10</a>
SBFSE-AA-C 3X4 ODF 30"	108621	<a href="#">Bulletin 10-10</a>
SBFSE-AA-C 3X4 ODF 60"	109119	<a href="#">Bulletin 10-10</a>
SBFSE-AA-CP115 3X4 ODF 30"	109133	<a href="#">Bulletin 10-10</a>
SBFSE-AA-Z 3X4 ODF 30"	111718	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
SBFSE-AA-Z 3X4 ODF 60"	111557	<a href="#">Bulletin 10-10</a>
SBFSE-AA-ZP 3X4 ODF 30"	111731	<a href="#">Bulletin 10-10</a>
SBFSE-AA-ZP 3X4 ODF 60"	109000	<a href="#">Bulletin 10-10</a>
SBFSE-AA-ZP55 3X4 ODF 30"	109041	<a href="#">Bulletin 10-10</a>
SBFSE-AAA-C 3X4 ODF 30"	108821	<a href="#">Bulletin 10-10</a>
SBFSE-AAA-C 3X4 ODF 60"	108850	<a href="#">Bulletin 10-10</a>
SBFSE-AAA-Z 3X4 ODF 30"	108822	<a href="#">Bulletin 10-10</a>
SBFSE-AAA-Z 3X4 ODF 60"	108862	<a href="#">Bulletin 10-10</a>
SBFSE-AAA-ZP 3X4 ODF 30"	108823	<a href="#">Bulletin 10-10</a>
SBFSE-B-C 3X4 ODF 30"	108624	<a href="#">Bulletin 10-10</a>
SBFSE-B-C 3X4 ODF 60"	112352	<a href="#">Bulletin 10-10</a>
SBFSE-B-C 3X5 ODF 30"	112505	<a href="#">Bulletin 10-10</a>
SBFSE-B-CP115 3X4 ODF 30"	111732	<a href="#">Bulletin 10-10</a>
SBFSE-B-Z 3X4 ODF 30"	108625	<a href="#">Bulletin 10-10</a>
SBFSE-B-Z 3X4 ODF 60"	110562	<a href="#">Bulletin 10-10</a>
SBFSE-B-ZP 3X4 ODF 30"	108626	<a href="#">Bulletin 10-10</a>
SBFSE-B-ZP 3X4 ODF 60"	109189	<a href="#">Bulletin 10-10</a>
SBFSE-B-ZP 3X5 ODF 30"	109148	<a href="#">Bulletin 10-10</a>
SBFSE-C-C 3X4 ODF 30"	108628	<a href="#">Bulletin 10-10</a>
SBFSE-C-C 3X4 ODF 60"	108199	<a href="#">Bulletin 10-10</a>
SBFSE-C-C 3X5 ODF 30"	108187	<a href="#">Bulletin 10-10</a>
SBFSE-C-CP115 3X4 ODF 30"	109007	<a href="#">Bulletin 10-10</a>
SBFSE-C-Z 3X4 ODF 30"	108930	<a href="#">Bulletin 10-10</a>
SBFSE-C-Z 3X4 ODF 60"	112171	<a href="#">Bulletin 10-10</a>
SBFSE-C-ZP 3X4 ODF 30"	108629	<a href="#">Bulletin 10-10</a>
SBFSE-C-ZP 3X5 ODF 30"	109184	<a href="#">Bulletin 10-10</a>
SBFV-A-C 3X4 ODF 30"	108631	<a href="#">Bulletin 10-10</a>
SBFV-A-Z 3X4 ODF 30"	108632	<a href="#">Bulletin 10-10</a>
SBFV-AA-C 3X4 ODF 30"	108640	<a href="#">Bulletin 10-10</a>
SBFV-AA-C 3X4 ODF 60"	108642	<a href="#">Bulletin 10-10</a>
SBFV-AA-Z 3X4 ODF 30"	108643	<a href="#">Bulletin 10-10</a>
SBFV-AA-Z 3X4 ODF 60"	108644	<a href="#">Bulletin 10-10</a>
SBFV-AA-ZP40 3X4 ODF 30"	108647	<a href="#">Bulletin 10-10</a>
SBFV-AAA-C 3X4 ODF 30"	108809	<a href="#">Bulletin 10-10</a>
SBFV-AAA-C 3X4 ODF 60"	109192	<a href="#">Bulletin 10-10</a>
SBFV-AAA-Z 3X4 ODF 30"	108810	<a href="#">Bulletin 10-10</a>
SBFV-AAA-ZP 3X4 ODF 30"	108905	<a href="#">Bulletin 10-10</a>
SBFV-B-C 3X4 ODF 30"	108654	<a href="#">Bulletin 10-10</a>
SBFV-C-C 3X4 ODF 30"	108664	<a href="#">Bulletin 10-10</a>
SBFVE-A-C 3X4 ODF 30"	108673	<a href="#">Bulletin 10-10</a>
SBFVE-A-C 3X4 ODF 60"	108908	<a href="#">Bulletin 10-10</a>
SBFVE-A-C 3X5 ODF 30"	112412	<a href="#">Bulletin 10-10</a>
SBFVE-A-GA 3X4 ODF 30"	111749	<a href="#">Bulletin 10-10</a>
SBFVE-A-Z 3X4 ODF 30"	108675	<a href="#">Bulletin 10-10</a>
SBFVE-A-ZP 3X4 ODF 30"	108684	<a href="#">Bulletin 10-10</a>
SBFVE-A-ZP40 3X4 ODF 30"	108685	<a href="#">Bulletin 10-10</a>
SBFVE-AA-C 3X4 ODF 30"	108687	<a href="#">Bulletin 10-10</a>
SBFVE-AA-C 3X4 ODF 60"	108688	<a href="#">Bulletin 10-10</a>
SBFVE-AA-Z 3X4 ODF 30"	108689	<a href="#">Bulletin 10-10</a>
SBFVE-AA-Z 3X4 ODF 60"	108691	<a href="#">Bulletin 10-10</a>
SBFVE-AA-ZP 3X4 ODF 30"	108696	<a href="#">Bulletin 10-10</a>
SBFVE-AA-ZP40 3X4 ODF 30"	108699	<a href="#">Bulletin 10-10</a>
SBFVE-AAA-C 3X4 ODF 30"	108812	<a href="#">Bulletin 10-10</a>
SBFVE-AAA-C 3X4 ODF 60"	108861	<a href="#">Bulletin 10-10</a>
SBFVE-AAA-Z 3X4 ODF 30"	108813	<a href="#">Bulletin 10-10</a>
SBFVE-AAA-Z 3X4 ODF 60"	109191	<a href="#">Bulletin 10-10</a>
SBFVE-AAA-ZP 3X4 ODF 30"	109003	<a href="#">Bulletin 10-10</a>
SBFVE-AAA-ZP40 3X4 ODF 30"	108814	<a href="#">Bulletin 10-10</a>
SBFVE-B-C 3X4 ODF 30"	108701	<a href="#">Bulletin 10-10</a>
SBFVE-B-C 3X4 ODF 60"	108702	<a href="#">Bulletin 10-10</a>
SBFVE-B-C 3X5 ODF 60"	112185	<a href="#">Bulletin 10-10</a>



# Thermostatic Expansion Valves

## TYPE BF, EBF, SBF

DESCRIPTION	ITEM #	BULLETIN
SBFVE-B-CP100 3X4 ODF 30"	108957	<a href="#">Bulletin 10-10</a>
SBFVE-B-GA 3X4 ODF 30"	108705	<a href="#">Bulletin 10-10</a>
SBFVE-B-Z 3X4 ODF 30"	108707	<a href="#">Bulletin 10-10</a>
SBFVE-B-Z 3X4 ODF 60"	108708	<a href="#">Bulletin 10-10</a>
SBFVE-B-ZP 3X4 ODF 30"	108709	<a href="#">Bulletin 10-10</a>
SBFVE-B-ZP40 3X4 ODF 30"	108712	<a href="#">Bulletin 10-10</a>
SBFVE-C-C 3X4 ODF 30"	108715	<a href="#">Bulletin 10-10</a>
SBFVE-C-C 3X4 ODF 60"	108182	<a href="#">Bulletin 10-10</a>
SBFVE-C-C 3X5 ODF 30"	108933	<a href="#">Bulletin 10-10</a>
SBFVE-C-C 3X5 ODF 60"	109183	<a href="#">Bulletin 10-10</a>
SBFVE-C-CP100 3X4 ODF 30"	112188	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
SBFVE-C-GA 3X4 ODF 30"	111325	<a href="#">Bulletin 10-10</a>
SBFVE-C-GA 3X5 ODF 30"	112135	<a href="#">Bulletin 10-10</a>
SBFVE-C-Z 3X4 ODF 30"	108724	<a href="#">Bulletin 10-10</a>
SBFVE-C-ZP 3X4 ODF 30"	108727	<a href="#">Bulletin 10-10</a>
SBFVE-C-ZP40 3X4 ODF 30"	108729	<a href="#">Bulletin 10-10</a>
SBFVE-C-ZP40 3X5 ODF 60"	112309	<a href="#">Bulletin 10-10</a>
SBFXE-A-C 3X4 ODF 30"	112183	<a href="#">Bulletin 10-10</a>
SBFXE-A-C 3X4 ODF 60"	108185	<a href="#">Bulletin 10-10</a>
SBFXE-AA-C 3X4 ODF 30"	108190	<a href="#">Bulletin 10-10</a>
SBFXE-AAA-C 3X4 ODF 30"	112130	<a href="#">Bulletin 10-10</a>
SBFXE-B-C 3X4 ODF 30"	109035	<a href="#">Bulletin 10-10</a>

## TYPE EBS

DESCRIPTION	ITEM #	BULLETIN
EBSFE-5-C 5X7 ODF 5'	163626	<a href="#">Bulletin 10-10</a>
EBSJE-5-C 4X7 ODF 5'	164997	<a href="#">Bulletin 10-10</a>
EBSJE-5-C 5X7 ODF 10'	163763	<a href="#">Bulletin 10-10</a>
EBSJE-5-C 5X7 ODF 5'	163614	<a href="#">Bulletin 10-10</a>
EBSJE-5-C 5X9 ODF 10'	164880	<a href="#">Bulletin 10-10</a>
EBSJE-5-CP60 4X7 ODF 5'	163872	<a href="#">Bulletin 10-10</a>
EBSJE-5-CP60 4X9 ODF 5'	165046	<a href="#">Bulletin 10-10</a>
EBSJE-5-CP60 5X7 ODF 5'	163678	<a href="#">Bulletin 10-10</a>
EBSJE-5-CP60 5X9 ODF 5'	164884	<a href="#">Bulletin 10-10</a>
EBSJE-5-Z 5X7 ODF 5'	165071	<a href="#">Bulletin 10-10</a>
EBSJE-7-C 5X7 ODF 10'	164986	<a href="#">Bulletin 10-10</a>
EBSJE-7-C 5X7 ODF 5'	163505	<a href="#">Bulletin 10-10</a>
EBSJE-7-C 5X9 ODF 5'	164983	<a href="#">Bulletin 10-10</a>
EBSJE-7-C 7X7 ODF 5'	164989	<a href="#">Bulletin 10-10</a>
EBSJE-7-C 7X9 ODF 5'	163683	<a href="#">Bulletin 10-10</a>
EBSJE-7-C 7X11 ODF 5'	163667	<a href="#">Bulletin 10-10</a>
EBSJE-7-CP60 5X11 ODF 5'	165047	<a href="#">Bulletin 10-10</a>
EBSJE-7-CP60 5X7 ODF 5'	163506	<a href="#">Bulletin 10-10</a>
EBSJE-7-CP60 5X9 ODF 5'	163748	<a href="#">Bulletin 10-10</a>
EBSJE-7-CP60 7X9 ODF 5'	163550	<a href="#">Bulletin 10-10</a>
EBSJE-7-CP60 7X11 ODF 5'	163750	<a href="#">Bulletin 10-10</a>
EBSJE-7-Z 5X7 ODF 5'	163517	<a href="#">Bulletin 10-10</a>
EBSJE-7-ZP 5X7 ODF 5'	163791	<a href="#">Bulletin 10-10</a>
EBSJE-9-C 7X9 ODF 5'	164995	<a href="#">Bulletin 10-10</a>
EBSJE-9-C 5X7 ODF 5'	163792	<a href="#">Bulletin 10-10</a>
EBSJE-9-C 7X11 ODF 5'	164985	<a href="#">Bulletin 10-10</a>
EBSJE-9-CP60 5X7 ODF 5'	168507	<a href="#">Bulletin 10-10</a>
EBSJE-9-CP60 7X9 ODF 5'	163897	<a href="#">Bulletin 10-10</a>
EBSJE-9-CP60 5X7 ODF 10'	163427	<a href="#">Bulletin 10-10</a>
EBSJE-9-CP60 7X11 ODF 5'	164930	<a href="#">Bulletin 10-10</a>
EBSJE-12-C 7X11 ODF 5'	164970	<a href="#">Bulletin 10-10</a>
EBSJE-12-CP60 7X9 ODF 5'	163871	<a href="#">Bulletin 10-10</a>
EBSJE-12-CP60 7X11 ODF 5'	163867	<a href="#">Bulletin 10-10</a>
EBSNE-11-C 5X7 ODF 5'	165062	<a href="#">Bulletin 10-10</a>
EBSNE-11-C 7X9 ODF 5'	165086	<a href="#">Bulletin 10-10</a>
EBSNE-11-CP100 5X7 ODF 5'	163692	<a href="#">Bulletin 10-10</a>
EBSNE-11-CP100 7X11 ODF 5'	165091	<a href="#">Bulletin 10-10</a>
EBSNE-11-GA 5X7 ODF 5'	165013	<a href="#">Bulletin 10-10</a>
EBSNE-11-GA 7X11 ODF 5'	165010	<a href="#">Bulletin 10-10</a>
EBSNE-15-C 5X7 ODF 5'	164931	<a href="#">Bulletin 10-10</a>
EBSNE-15-CP100 5X7 ODF 5'	165002	<a href="#">Bulletin 10-10</a>
EBSNE-15-CP100 7X9 ODF 5'	163693	<a href="#">Bulletin 10-10</a>
EBSNE-15-GA 5X7 ODF 5'	165209	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EBSNE-15-GA 7X9 ODF 5'	165266	<a href="#">Bulletin 10-10</a>
EBSNE-20-CP100 5X7 ODF 5'	164963	<a href="#">Bulletin 10-10</a>
EBSNE-20-CP100 7X9 ODF 5'	163746	<a href="#">Bulletin 10-10</a>
EBSNE-20-CP100 7X11 ODF 5'	163694	<a href="#">Bulletin 10-10</a>
EBSNE-20-GA 5X7 ODF 5'	165219	<a href="#">Bulletin 10-10</a>
EBSNE-20-GA 7X9 ODF 5'	165269	<a href="#">Bulletin 10-10</a>
EBSNE-8-C 5X7 ODF 5'	164943	<a href="#">Bulletin 10-10</a>
EBSNE-8-CP100 5X7 ODF 5'	163691	<a href="#">Bulletin 10-10</a>
EBSNE-8-GA 5X7 ODF 5'	165011	<a href="#">Bulletin 10-10</a>
EBSPE-6-C 4X7 ODF 5'	163676	<a href="#">Bulletin 10-10</a>
EBSPE-6-C 5X7 ODF 10'	163760	<a href="#">Bulletin 10-10</a>
EBSPE-6-C 5X7 ODF 5'	163577	<a href="#">Bulletin 10-10</a>
EBSPE-6-C 5X9 ODF 5'	163413	<a href="#">Bulletin 10-10</a>
EBSPE-6-CP115 5X7 ODF 5'	163405	<a href="#">Bulletin 10-10</a>
EBSPE-6-Z 5X7 ODF 5'	163588	<a href="#">Bulletin 10-10</a>
EBSPE-6-Z 5X7 ODF 10'	163426	<a href="#">Bulletin 10-10</a>
EBSPE-6-ZP 5X7 ODF 5'	163416	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-C 5X7 ODF 5'	163553	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-C 7X9 ODF 5'	163411	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-C 5X11 ODF 5'	163881	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-C 7X11 ODF 5'	163879	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-CP115 5X7 ODF 5'	111478	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-Z 5X7 ODF 5'	163759	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-ZP 5X7 ODF 5'	163515	<a href="#">Bulletin 10-10</a>
EBSPE-7-1/2-ZP 7X9 ODF 5'	163403	<a href="#">Bulletin 10-10</a>
EBSPE-10-C 5X7 ODF 5'	164913	<a href="#">Bulletin 10-10</a>
EBSPE-10-C 7X7 ODF 5'	165029	<a href="#">Bulletin 10-10</a>
EBSPE-10-C 7X9 ODF 10'	163762	<a href="#">Bulletin 10-10</a>
EBSPE-10-C 7X9 ODF 5'	163899	<a href="#">Bulletin 10-10</a>
EBSPE-10-CP115 5X7 ODF 5'	165094	<a href="#">Bulletin 10-10</a>
EBSPE-10-Z 5X7 ODF 5'	163795	<a href="#">Bulletin 10-10</a>
EBSPE-10-Z 7X9 ODF 5'	164941	<a href="#">Bulletin 10-10</a>
EBSPE-13-C 7X11 ODF 5'	163695	<a href="#">Bulletin 10-10</a>
EBSPE-13-CP115 7X11 ODF 5'	129484	<a href="#">Bulletin 10-10</a>
EBSPE-13-Z 7X11 ODF 5'	164875	<a href="#">Bulletin 10-10</a>
EBSPE-13-ZP 7X11 ODF 5'	163754	<a href="#">Bulletin 10-10</a>
EBSSE-6-C 4X7 ODF 5'	163782	<a href="#">Bulletin 10-10</a>
EBSSE-6-C 4X9 ODF 5'	165205	<a href="#">Bulletin 10-10</a>
EBSSE-6-C 5X7 ODF 10'	165061	<a href="#">Bulletin 10-10</a>
EBSSE-6-C 5X7 ODF 5'	163708	<a href="#">Bulletin 10-10</a>
EBSSE-6-C 5X9 ODF 5'	163704	<a href="#">Bulletin 10-10</a>
EBSSE-6-CP115 4X7 ODF 5'	163785	<a href="#">Bulletin 10-10</a>
EBSSE-6-CP115 5X7 ODF 5'	163716	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE EBS

DESCRIPTION	ITEM #	BULLETIN
EBSSE-6-Z 4X7 ODF 5'	163685	<a href="#">Bulletin 10-10</a>
EBSSE-6-Z 5X7 ODF 5'	163587	<a href="#">Bulletin 10-10</a>
EBSSE-6-Z 5X9 ODF 5'	165222	<a href="#">Bulletin 10-10</a>
EBSSE-6-ZP 4X7 ODF 5'	163435	<a href="#">Bulletin 10-10</a>
EBSSE-6-ZP 4X9 ODF 5'	163891	<a href="#">Bulletin 10-10</a>
EBSSE-6-ZP 5X7 ODF 5'	163575	<a href="#">Bulletin 10-10</a>
EBSSE-6-ZP 5X9 ODF 5'	163717	<a href="#">Bulletin 10-10</a>
EBSSE-6-ZP40 5X7 ODF 5'	163402	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 4X7 ODF 5'	163721	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 5X7 ODF 10'	165063	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 5X7 ODF 5'	163507	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 5X9 ODF 5'	163578	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 7X9 ODF 5'	163567	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 5X11 ODF 5'	163705	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-C 7X11 ODF 5'	163710	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-CP115 5X7 ODF 10'	163555	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-CP115 5X7 ODF 5'	163547	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-CP115 7X11 ODF 5'	165203	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-CP115 7X9 ODF 5'	163720	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-Z 5X7 ODF 10'	163636	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-Z 5X7 ODF 5'	163508	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-Z 5X9 ODF 5'	163586	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-Z 7X9 ODF 5'	163545	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-Z 7X11 ODF 5'	163713	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-ZP 5X7 ODF 5'	163509	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-ZP 5X9 ODF 5'	163591	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-ZP 7X9 ODF 5'	163562	<a href="#">Bulletin 10-10</a>
EBSSE-7-1/2-ZP 7X11 ODF 5'	163725	<a href="#">Bulletin 10-10</a>
EBSSE-10-C 5X7 ODF 5'	163781	<a href="#">Bulletin 10-10</a>
EBSSE-10-C 7X7 ODF 5'	163841	<a href="#">Bulletin 10-10</a>
EBSSE-10-C 7X9 ODF 5'	163877	<a href="#">Bulletin 10-10</a>
EBSSE-10-C 7X9 ODF 10'	163786	<a href="#">Bulletin 10-10</a>
EBSSE-10-C 7X11 ODF 5'	163706	<a href="#">Bulletin 10-10</a>
EBSSE-10-CP115 7X9 ODF 5'	163724	<a href="#">Bulletin 10-10</a>
EBSSE-10-Z 5X7 ODF 5'	165003	<a href="#">Bulletin 10-10</a>
EBSSE-10-Z 7X7 ODF 5'	163868	<a href="#">Bulletin 10-10</a>
EBSSE-10-Z 7X9 ODF 10'	163417	<a href="#">Bulletin 10-10</a>
EBSSE-10-Z 7X9 ODF 5'	163874	<a href="#">Bulletin 10-10</a>
EBSSE-10-ZP 7X9 ODF 5'	163752	<a href="#">Bulletin 10-10</a>
EBSSE-13-C 5X7 ODF 5'	165005	<a href="#">Bulletin 10-10</a>
EBSSE-13-C 7X11 ODF 5'	163783	<a href="#">Bulletin 10-10</a>
EBSSE-13-CP115 7X11 ODF 5'	165232	<a href="#">Bulletin 10-10</a>
EBSSE-13-CP115 7X11 ODF 10'	165244	<a href="#">Bulletin 10-10</a>
EBSSE-13-CP115 7X9 ODF 5'	165254	<a href="#">Bulletin 10-10</a>
EBSSE-13-Z 5X7 ODF 5'	165006	<a href="#">Bulletin 10-10</a>
EBSSE-13-Z 7X9 ODF 5'	163873	<a href="#">Bulletin 10-10</a>
EBSSE-13-Z 7X11 ODF 5'	163797	<a href="#">Bulletin 10-10</a>
EBSSE-13-ZP 7X9 ODF 5'	165043	<a href="#">Bulletin 10-10</a>
EBSSE-13-ZP 7X11 ODF 5'	163749	<a href="#">Bulletin 10-10</a>
EBSSE-13-ZP40 7X11 ODF 5'	163613	<a href="#">Bulletin 10-10</a>
EBSVE-8-C 4X7 ODF 5'	163698	<a href="#">Bulletin 10-10</a>
EBSVE-8-C 5X7 ODF 10'	163635	<a href="#">Bulletin 10-10</a>
EBSVE-8-C 5X7 ODF 5'	163560	<a href="#">Bulletin 10-10</a>
EBSVE-8-C 5X9 ODF 5'	163675	<a href="#">Bulletin 10-10</a>
EBSVE-8-CP100 4X7 ODF 5'	163788	<a href="#">Bulletin 10-10</a>
EBSVE-8-CP100 5X7 ODF 5'	163557	<a href="#">Bulletin 10-10</a>
EBSVE-8-CP100 5X9 ODF 5'	163641	<a href="#">Bulletin 10-10</a>
EBSVE-8-GA 4X7 ODF 5'	163561	<a href="#">Bulletin 10-10</a>
EBSVE-8-GA 4X9 ODF 5'	163559	<a href="#">Bulletin 10-10</a>
EBSVE-8-GA 5X7 ODF 10'	165119	<a href="#">Bulletin 10-10</a>
EBSVE-8-GA 5X7 ODF 5'	163556	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EBSVE-8-GA 5X9 ODF 5'	163689	<a href="#">Bulletin 10-10</a>
EBSVE-8-Z 5X7 ODF 5'	163598	<a href="#">Bulletin 10-10</a>
EBSVE-8-Z 5X9 ODF 5'	164886	<a href="#">Bulletin 10-10</a>
EBSVE-8-ZP 5X7 ODF 5'	163880	<a href="#">Bulletin 10-10</a>
EBSVE-8-ZP40 5X7 ODF 5'	163580	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 4X7 ODF 5'	163718	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 5X7 ODF 10'	165215	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 5X7 ODF 5'	163518	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 5X9 ODF 5'	163520	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 7X7 ODF 5'	163677	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 7X9 ODF 5'	163522	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 5X11 ODF 5'	163521	<a href="#">Bulletin 10-10</a>
EBSVE-11-C 7X11 ODF 5'	163593	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 4X9 ODF 5'	163524	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 5X7 ODF 10'	163526	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 5X7 ODF 5'	163525	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 5X9 ODF 5'	163528	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 7X7 ODF 5'	163554	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 7X9 ODF 5'	163530	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 5X11 ODF 5'	163529	<a href="#">Bulletin 10-10</a>
EBSVE-11-CP100 7X11 ODF 5'	163531	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 4X7 ODF 5'	163639	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 4X9 ODF 5'	163714	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 5X7 ODF 30"	163400	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 5X7 ODF 5'	163773	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 5X9 ODF 30"	163769	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 5X9 ODF 5'	163774	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 7X7 ODF 5'	163671	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 7X9 ODF 5'	163538	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 4X11 ODF 5'	163534	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 5X11 ODF 5'	163573	<a href="#">Bulletin 10-10</a>
EBSVE-11-GA 7X11 ODF 5'	163669	<a href="#">Bulletin 10-10</a>
EBSVE-11-Z 4X7 ODF 5'	163765	<a href="#">Bulletin 10-10</a>
EBSVE-11-Z 5X7 ODF 5'	163539	<a href="#">Bulletin 10-10</a>
EBSVE-11-Z 7X9 ODF 5'	163892	<a href="#">Bulletin 10-10</a>
EBSVE-11-ZP 5X7 ODF 5'	163540	<a href="#">Bulletin 10-10</a>
EBSVE-11-ZP40 5X7 ODF 5'	163541	<a href="#">Bulletin 10-10</a>
EBSVE-11-ZP40 5X9 ODF 5'	163796	<a href="#">Bulletin 10-10</a>
EBSVE-15-C 5X7 ODF 5'	163679	<a href="#">Bulletin 10-10</a>
EBSVE-15-C 7X11 ODF 5'	165049	<a href="#">Bulletin 10-10</a>
EBSVE-15-C 7X9 ODF 5'	163576	<a href="#">Bulletin 10-10</a>
EBSVE-15-CP100 5X7 ODF 5'	163428	<a href="#">Bulletin 10-10</a>
EBSVE-15-CP100 5X9 ODF 5'	163753	<a href="#">Bulletin 10-10</a>
EBSVE-15-CP100 7X9 ODF 10'	164953	<a href="#">Bulletin 10-10</a>
EBSVE-15-CP100 7X9 ODF 5'	163628	<a href="#">Bulletin 10-10</a>
EBSVE-15-CP100 5X11 ODF 5'	163755	<a href="#">Bulletin 10-10</a>
EBSVE-15-CP100 7X11 ODF 5'	163564	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 5X7 ODF 5'	165237	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 5X9 ODF 5'	163594	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 7X7 ODF 5'	163735	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 7X9 ODF 10'	165259	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 7X9 ODF 5'	163595	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 5X11 ODF 5'	163574	<a href="#">Bulletin 10-10</a>
EBSVE-15-GA 7X11 ODF 5'	163640	<a href="#">Bulletin 10-10</a>
EBSVE-15-Z 5X7 ODF 5'	163434	<a href="#">Bulletin 10-10</a>
EBSVE-15-Z 7X11 ODF 5'	165207	<a href="#">Bulletin 10-10</a>
EBSVE-15-ZP40 7X9 ODF 5'	163742	<a href="#">Bulletin 10-10</a>
EBSVE-20-C 7X9 ODF 5'	163596	<a href="#">Bulletin 10-10</a>
EBSVE-20-C 7X11 ODF 5'	163612	<a href="#">Bulletin 10-10</a>
EBSVE-20-CP100 7X9 ODF 5'	163697	<a href="#">Bulletin 10-10</a>
EBSVE-20-CP100 7X11 ODF 5'	163592	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE EBS

DESCRIPTION	ITEM #	BULLETIN
EBSVE-20-GA 7X9 ODF 5'	163665	<a href="#">Bulletin 10-10</a>
EBSVE-20-GA 7X11 ODF 10'	165211	<a href="#">Bulletin 10-10</a>
EBSVE-20-GA 7X11 ODF 5'	163607	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EBSVE-20-Z 7X11 ODF 5'	165015	<a href="#">Bulletin 10-10</a>
EBSVE-20-ZP 7X9 ODF 5'	164987	<a href="#">Bulletin 10-10</a>
EBSVE-20-ZP40 7X11 ODF 5'	163764	<a href="#">Bulletin 10-10</a>

## TYPE EG, G

DESCRIPTION	ITEM #	BULLETIN
EGJ-1-1/2-C 3X4 ODF 5'	164306	<a href="#">Bulletin 10-10</a>
EGJ-1-C 3X4 ODF 5'	165585	<a href="#">Bulletin 10-10</a>
EGJ-1/2-C 3X4 ODF 5'	165588	<a href="#">Bulletin 10-10</a>
EGJ-1/4-C 3X4 ODF 5'	165580	<a href="#">Bulletin 10-10</a>
EGJ-1/4-L3 3X4 ODF 5'	165503	<a href="#">Bulletin 10-10</a>
EGJ-1/6-C 3X4 ODF 5'	164437	<a href="#">Bulletin 10-10</a>
EGJ-1/8-C 3X4 ODF 5'	165577	<a href="#">Bulletin 10-10</a>
EGJE-1-1/2-C 3X4 ODF 5'	165600	<a href="#">Bulletin 10-10</a>
EGJE-1-1/2-CP60 3X4 ODF 5'	164317	<a href="#">Bulletin 10-10</a>
EGJE-1-C 3X4 ODF 5'	165596	<a href="#">Bulletin 10-10</a>
EGJE-1-CP60 3X4 ODF 5'	164316	<a href="#">Bulletin 10-10</a>
EGJE-1-L2 3X4 ODF 5'	164767	<a href="#">Bulletin 10-10</a>
EGJE-1-Z 3X4 ODF 5'	165500	<a href="#">Bulletin 10-10</a>
EGJE-1/2-C 3X4 ODF 5'	165592	<a href="#">Bulletin 10-10</a>
EGJE-1/2-CP60 3X4 ODF 5'	164315	<a href="#">Bulletin 10-10</a>
EGJE-1/2-ZP 3X4 ODF 5'	164925	<a href="#">Bulletin 10-10</a>
EGJE-1/4-C 3X4 ODF 5'	165584	<a href="#">Bulletin 10-10</a>
EGJE-1/6-C 3X4 ODF 5'	164440	<a href="#">Bulletin 10-10</a>
EGJE-1/8-C 3X4 ODF 5'	164307	<a href="#">Bulletin 10-10</a>
EGJE-2-C 3X4 ODF 5'	165604	<a href="#">Bulletin 10-10</a>
EGJE-2-ZP 3X4 ODF 5'	165644	<a href="#">Bulletin 10-10</a>
EGNE-3/4-CP100 3X4 ODF 5'	164793	<a href="#">Bulletin 10-10</a>
EGP-1-1/2-C 3X4 ODF 5'	164671	<a href="#">Bulletin 10-10</a>
EGP-1-1/2-Z 3X4 ODF 5'	164761	<a href="#">Bulletin 10-10</a>
EGP-1/4-C 3X4 ODF 5'	164478	<a href="#">Bulletin 10-10</a>
EGP-1/4-Z 3X4 ODF 5'	164479	<a href="#">Bulletin 10-10</a>
EGP-1/6-C 3X4 ODF 5'	164515	<a href="#">Bulletin 10-10</a>
EGP-1/8-C 3X4 ODF 5'	112806	<a href="#">Bulletin 10-10</a>
EGPE-1-1/2-C 3X4 ODF 5'	164521	<a href="#">Bulletin 10-10</a>
EGPE-1-1/2-Z 3X4 ODF 5'	164523	<a href="#">Bulletin 10-10</a>
EGPE-1-1/2-ZP 3X4 ODF 5'	164525	<a href="#">Bulletin 10-10</a>
EGPE-1-C 3X4 ODF 5'	164474	<a href="#">Bulletin 10-10</a>
EGPE-1-X 3X4 ODF 5'	164939	<a href="#">Bulletin 10-10</a>
EGPE-1-Z 3X4 ODF 5'	164476	<a href="#">Bulletin 10-10</a>
EGPE-1-ZP 3X4 ODF 5'	164477	<a href="#">Bulletin 10-10</a>
EGPE-1/2-C 3X4 ODF 5'	164481	<a href="#">Bulletin 10-10</a>
EGPE-1/2-X 3X4 ODF 5'	164938	<a href="#">Bulletin 10-10</a>
EGPE-1/2-Z 3X4 ODF 5'	164482	<a href="#">Bulletin 10-10</a>
EGPE-1/2-ZP 3X4 ODF 5'	164483	<a href="#">Bulletin 10-10</a>
EGPE-1/4-C 3X4 ODF 5'	164484	<a href="#">Bulletin 10-10</a>
EGPE-1/4-Z 3X4 ODF 5'	164485	<a href="#">Bulletin 10-10</a>
EGPE-1/4-ZP 3X4 ODF 5'	164486	<a href="#">Bulletin 10-10</a>
EGPE-1/6-C 3X4 ODF 5'	164567	<a href="#">Bulletin 10-10</a>
EGPE-1/6-Z 3X4 ODF 5'	164797	<a href="#">Bulletin 10-10</a>
EGPE-1/8-C 3X4 ODF 5'	164449	<a href="#">Bulletin 10-10</a>
EGPE-1/8-Z 3X4 ODF 5'	164982	<a href="#">Bulletin 10-10</a>
EGPE-2-C 3X4 ODF 5'	164643	<a href="#">Bulletin 10-10</a>
EGPE-2-Z 3X4 ODF 5'	164526	<a href="#">Bulletin 10-10</a>
EGPE-2-ZP 3X4 ODF 5'	164527	<a href="#">Bulletin 10-10</a>
EGS-1-1/2-C 3X4 ODF 5'	164365	<a href="#">Bulletin 10-10</a>
EGS-1-1/2-Z 3X4 ODF 5'	164376	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EGS-1-C 3X4 ODF 5'	164364	<a href="#">Bulletin 10-10</a>
EGS-1-L1 3X4 ODF 5'	165111	<a href="#">Bulletin 10-10</a>
EGS-1-Z 3X4 ODF 5'	164375	<a href="#">Bulletin 10-10</a>
EGS-1-ZP 3X4 ODF 5'	164386	<a href="#">Bulletin 10-10</a>
EGS-1/2-C 3X4 ODF 5'	164363	<a href="#">Bulletin 10-10</a>
EGS-1/2-Z 3X4 ODF 5'	164374	<a href="#">Bulletin 10-10</a>
EGS-1/2-ZP 3X4 ODF 5'	164385	<a href="#">Bulletin 10-10</a>
EGS-1/4-C 3X4 ODF 5'	164362	<a href="#">Bulletin 10-10</a>
EGS-1/4-Z 3X4 ODF 5'	164373	<a href="#">Bulletin 10-10</a>
EGS-1/4-ZP 3X4 ODF 5'	164384	<a href="#">Bulletin 10-10</a>
EGS-1/6-C 3X4 ODF 5'	164470	<a href="#">Bulletin 10-10</a>
EGS-1/6-Z 3X4 ODF 5'	164468	<a href="#">Bulletin 10-10</a>
EGS-1/8-C 3X4 ODF 5'	164361	<a href="#">Bulletin 10-10</a>
EGS-1/8-Z 3X4 ODF 5'	164372	<a href="#">Bulletin 10-10</a>
EGSE-1-1/2-C 3X4 ODF 5'	164370	<a href="#">Bulletin 10-10</a>
EGSE-1-1/2-CP115 3X4 ODF 5'	164786	<a href="#">Bulletin 10-10</a>
EGSE-1-1/2-Z 3X4 ODF 5'	164381	<a href="#">Bulletin 10-10</a>
EGSE-1-1/2-ZP 3X4 ODF 5'	164392	<a href="#">Bulletin 10-10</a>
EGSE-1-C 3X4 ODF 5'	164369	<a href="#">Bulletin 10-10</a>
EGSE-1-CP115 3X4 ODF 5'	164787	<a href="#">Bulletin 10-10</a>
EGSE-1-X 3X4 ODF 5'	164472	<a href="#">Bulletin 10-10</a>
EGSE-1-Z 3X4 ODF 5'	164380	<a href="#">Bulletin 10-10</a>
EGSE-1-ZP 3X4 ODF 5'	164391	<a href="#">Bulletin 10-10</a>
EGSE-1/2-C 3X4 ODF 5'	164368	<a href="#">Bulletin 10-10</a>
EGSE-1/2-CP115 3X4 ODF 5'	165038	<a href="#">Bulletin 10-10</a>
EGSE-1/2-L1 3X4 ODF 5'	164795	<a href="#">Bulletin 10-10</a>
EGSE-1/2-X 3X4 ODF 5'	164466	<a href="#">Bulletin 10-10</a>
EGSE-1/2-Z 3X4 ODF 5'	164379	<a href="#">Bulletin 10-10</a>
EGSE-1/2-ZP 3X4 ODF 5'	164390	<a href="#">Bulletin 10-10</a>
EGSE-1/4-C 3X4 ODF 5'	164367	<a href="#">Bulletin 10-10</a>
EGSE-1/4-L1 3X4 ODF 5'	164805	<a href="#">Bulletin 10-10</a>
EGSE-1/4-Z 3X4 ODF 5'	164378	<a href="#">Bulletin 10-10</a>
EGSE-1/4-ZP 3X4 ODF 5'	164389	<a href="#">Bulletin 10-10</a>
EGSE-1/6-C 3X4 ODF 5'	164455	<a href="#">Bulletin 10-10</a>
EGSE-1/6-CP115 3X4 ODF 5'	164783	<a href="#">Bulletin 10-10</a>
EGSE-1/6-Z 3X4 ODF 5'	164698	<a href="#">Bulletin 10-10</a>
EGSE-1/6-ZP 3X4 ODF 5'	164629	<a href="#">Bulletin 10-10</a>
EGSE-1/8-C 3X4 ODF 5'	164366	<a href="#">Bulletin 10-10</a>
EGSE-1/8-Z 3X4 ODF 5'	164377	<a href="#">Bulletin 10-10</a>
EGSE-1/8-ZP 3X4 ODF 5'	164388	<a href="#">Bulletin 10-10</a>
EGSE-2-C 3X4 ODF 5'	164371	<a href="#">Bulletin 10-10</a>
EGSE-2-CP115 3X4 ODF 5'	165258	<a href="#">Bulletin 10-10</a>
EGSE-2-Z 3X4 ODF 5'	164382	<a href="#">Bulletin 10-10</a>
EGSE-2-ZP 3X4 ODF 5'	164393	<a href="#">Bulletin 10-10</a>
EGV-1-1/2-C 3X4 ODF 5'	164556	<a href="#">Bulletin 10-10</a>
EGV-1-C 3X4 ODF 5'	164548	<a href="#">Bulletin 10-10</a>
EGV-1-L1 3X4 ODF 5'	164696	<a href="#">Bulletin 10-10</a>
EGV-1/2-C 3X4 ODF 5'	164540	<a href="#">Bulletin 10-10</a>
EGV-1/2-Z 3X4 ODF 5'	164576	<a href="#">Bulletin 10-10</a>
EGV-1/2-ZP 3X4 ODF 5'	164616	<a href="#">Bulletin 10-10</a>
EGV-1/3-C 3X4 ODF 5'	164538	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE EG, G

DESCRIPTION	ITEM #	BULLETIN
EGV-1/3-Z 3X4 ODF 5'	164574	<a href="#">Bulletin 10-10</a>
EGV-1/4-C 3X4 ODF 5'	164573	<a href="#">Bulletin 10-10</a>
EGV-1/5-C 3X4 ODF 5'	164545	<a href="#">Bulletin 10-10</a>
EGV-1/5-Z 3X4 ODF 5'	164581	<a href="#">Bulletin 10-10</a>
EGV-2-1/2-C 3X4 ODF 5'	164568	<a href="#">Bulletin 10-10</a>
EGV-3/4-C 3X4 ODF 5'	164553	<a href="#">Bulletin 10-10</a>
EGV-3/4-Z 3X4 ODF 5'	164589	<a href="#">Bulletin 10-10</a>
EGVE-1-1/2-C 3X4 ODF 5'	164560	<a href="#">Bulletin 10-10</a>
EGVE-1-1/2-CP100 3X4 ODF 5'	164528	<a href="#">Bulletin 10-10</a>
EGVE-1-1/2-L2 3X4 ODF 5'	164744	<a href="#">Bulletin 10-10</a>
EGVE-1-1/2-Z 3X4 ODF 5'	164596	<a href="#">Bulletin 10-10</a>
EGVE-1-1/2-ZP 3X4 ODF 5'	164636	<a href="#">Bulletin 10-10</a>
EGVE-1-1/2-ZP40 3X4 ODF 5'	165616	<a href="#">Bulletin 10-10</a>
EGVE-1-C 3X4 ODF 5'	164552	<a href="#">Bulletin 10-10</a>
EGVE-1-CP 3X4 ODF 5'	164695	<a href="#">Bulletin 10-10</a>
EGVE-1-CP100 3X4 ODF 5'	164524	<a href="#">Bulletin 10-10</a>
EGVE-1-L1 3X4 ODF 5'	164700	<a href="#">Bulletin 10-10</a>
EGVE-1-Z 3X4 ODF 5'	164588	<a href="#">Bulletin 10-10</a>
EGVE-1-ZP 3X4 ODF 5'	164628	<a href="#">Bulletin 10-10</a>
EGVE-1-ZP40 3X4 ODF 5'	165614	<a href="#">Bulletin 10-10</a>
EGVE-1/2-C 3X4 ODF 5'	164544	<a href="#">Bulletin 10-10</a>
EGVE-1/2-CP100 3X4 ODF 5'	164520	<a href="#">Bulletin 10-10</a>
EGVE-1/2-Z 3X4 ODF 5'	164580	<a href="#">Bulletin 10-10</a>
EGVE-1/2-ZP 3X4 ODF 5'	164620	<a href="#">Bulletin 10-10</a>
EGVE-1/2-ZP40 3X4 ODF 5'	165612	<a href="#">Bulletin 10-10</a>
EGVE-1/3-C 3X4 ODF 5'	164539	<a href="#">Bulletin 10-10</a>
EGVE-1/3-CP100 3X4 ODF 5'	164519	<a href="#">Bulletin 10-10</a>
EGVE-1/3-Z 3X4 ODF 5'	164575	<a href="#">Bulletin 10-10</a>
EGVE-1/3-ZP 3X4 ODF 5'	164614	<a href="#">Bulletin 10-10</a>
EGVE-1/3-ZP40 3X4 ODF 5'	165620	<a href="#">Bulletin 10-10</a>
EGVE-1/4-C 3X4 ODF 5'	164583	<a href="#">Bulletin 10-10</a>
EGVE-1/4-Z 3X4 ODF 5'	164436	<a href="#">Bulletin 10-10</a>
EGVE-1/4-ZP40 3X4 ODF 5'	164585	<a href="#">Bulletin 10-10</a>
EGVE-1/5-C 3X4 ODF 5'	164546	<a href="#">Bulletin 10-10</a>
EGVE-1/5-L1 3X4 ODF 5'	164694	<a href="#">Bulletin 10-10</a>
EGVE-1/5-Z 3X4 ODF 5'	164582	<a href="#">Bulletin 10-10</a>
EGVE-2-C 3X4 ODF 5'	164564	<a href="#">Bulletin 10-10</a>
EGVE-2-CP100 3X4 ODF 5'	164532	<a href="#">Bulletin 10-10</a>
EGVE-2-GA 3X4 ODF 5'	164512	<a href="#">Bulletin 10-10</a>
EGVE-2-Z 3X4 ODF 5'	164600	<a href="#">Bulletin 10-10</a>
EGVE-2-ZP 3X4 ODF 5'	164640	<a href="#">Bulletin 10-10</a>
EGVE-2-ZP40 3X4 ODF 5'	165617	<a href="#">Bulletin 10-10</a>
EGVE-3-C 3X4 ODF 5'	164572	<a href="#">Bulletin 10-10</a>
EGVE-3-CP100 3X4 ODF 5'	164536	<a href="#">Bulletin 10-10</a>
EGVE-3-GA 3X4 ODF 5'	164516	<a href="#">Bulletin 10-10</a>
EGVE-3-Z 3X4 ODF 5'	164608	<a href="#">Bulletin 10-10</a>
EGVE-3-ZP 3X4 ODF 5'	164648	<a href="#">Bulletin 10-10</a>
EGVE-3-ZP40 3X4 ODF 5'	165619	<a href="#">Bulletin 10-10</a>
EGVE-3/4-C 3X4 ODF 5'	164554	<a href="#">Bulletin 10-10</a>
EGVE-3/4-CP100 3X4 ODF 5'	164522	<a href="#">Bulletin 10-10</a>
EGVE-3/4-GA 3X4 ODF 5'	164502	<a href="#">Bulletin 10-10</a>
EGVE-3/4-Z 3X4 ODF 5'	164590	<a href="#">Bulletin 10-10</a>
EGVE-3/4-ZP 3X4 ODF 5'	164622	<a href="#">Bulletin 10-10</a>
EGVE-3/4-ZP40 3X4 ODF 5'	165621	<a href="#">Bulletin 10-10</a>
GFE-1-1/2-C 3X4 SAE 5'	113634	<a href="#">Bulletin 10-10</a>
GFE-1-ZP 3X4 SAE 5'	113830	<a href="#">Bulletin 10-10</a>
GFE-1/2-C 3X4 SAE 5'	113592	<a href="#">Bulletin 10-10</a>
GJ-1-1/2-C 3X4 SAE 5'	115515	<a href="#">Bulletin 10-10</a>
GJ-1-1/2-Z 3X4 SAE 5'	115542	<a href="#">Bulletin 10-10</a>
GJ-1-C 2X4 SAE 5'	115523	<a href="#">Bulletin 10-10</a>
GJ-1-C 3X4 SAE 5'	115510	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
GJ-1-Z 3X4 SAE 5'	115541	<a href="#">Bulletin 10-10</a>
GJ-1/2-C 2X4 SAE 5'	115525	<a href="#">Bulletin 10-10</a>
GJ-1/2-C 3X4 SAE 5'	115505	<a href="#">Bulletin 10-10</a>
GJ-1/2-ZP 3X4 SAE 5'	115531	<a href="#">Bulletin 10-10</a>
GJ-1/4-C 2X4 SAE 5'	112701	<a href="#">Bulletin 10-10</a>
GJ-1/8-C 3X4 SAE 5'	115495	<a href="#">Bulletin 10-10</a>
GJE-1-1/2-C 3X4 SAE 5'	115560	<a href="#">Bulletin 10-10</a>
GJE-1-1/2-CP60 3X4 SAE 5'	112712	<a href="#">Bulletin 10-10</a>
GJE-1-1/2-Z 3X4 SAE 5'	115502	<a href="#">Bulletin 10-10</a>
GJE-1-C 3X4 SAE 5'	115555	<a href="#">Bulletin 10-10</a>
GJE-1-CP60 3X4 SAE 5'	112711	<a href="#">Bulletin 10-10</a>
GJE-1-Z 3X4 SAE 5'	113040	<a href="#">Bulletin 10-10</a>
GJE-1/2-C 2X4 SAE 5'	112922	<a href="#">Bulletin 10-10</a>
GJE-1/2-C 3X4 SAE 5'	115550	<a href="#">Bulletin 10-10</a>
GJE-1/2-CP60 3X4 SAE 5'	115200	<a href="#">Bulletin 10-10</a>
GJE-1/2-Z 3X4 SAE 5'	115507	<a href="#">Bulletin 10-10</a>
GJE-1/2-ZP 3X4 SAE 5'	115528	<a href="#">Bulletin 10-10</a>
GJE-1/4-C 2X4 SAE 5'	112703	<a href="#">Bulletin 10-10</a>
GJE-1/4-CP60 3X4 SAE 5'	113020	<a href="#">Bulletin 10-10</a>
GJE-1/6-C 2X4 SAE 5'	115501	<a href="#">Bulletin 10-10</a>
GJE-2-C 3X4 SAE 5'	115565	<a href="#">Bulletin 10-10</a>
GJE-2-CP60 3X4 SAE 5'	112713	<a href="#">Bulletin 10-10</a>
GJE-2-Z 3X4 SAE 5'	115529	<a href="#">Bulletin 10-10</a>
GP-1-C 3X4 SAE 5'	112852	<a href="#">Bulletin 10-10</a>
GP-1-Z 3X4 SAE 5'	112951	<a href="#">Bulletin 10-10</a>
GP-1/2-C 3X4 SAE 5'	112916	<a href="#">Bulletin 10-10</a>
GP-1/2-Z 3X4 SAE 5'	112917	<a href="#">Bulletin 10-10</a>
GPE-1-1/2-C 3X4 SAE 5'	112853	<a href="#">Bulletin 10-10</a>
GPE-1-1/2-Z 3X4 SAE 5'	112854	<a href="#">Bulletin 10-10</a>
GPE-1-1/2-ZP 3X4 SAE 5'	112855	<a href="#">Bulletin 10-10</a>
GPE-1-C 3X4 SAE 5'	112940	<a href="#">Bulletin 10-10</a>
GPE-1-Z 3X4 SAE 5'	112942	<a href="#">Bulletin 10-10</a>
GPE-1-ZP 3X4 SAE 5'	112943	<a href="#">Bulletin 10-10</a>
GPE-1/2-Z 3X4 SAE 5'	112937	<a href="#">Bulletin 10-10</a>
GPE-2-C 3X4 SAE 5'	112856	<a href="#">Bulletin 10-10</a>
GS-1-1/2-C 3X4 SAE 5'	112718	<a href="#">Bulletin 10-10</a>
GS-1-1/2-Z 3X4 SAE 5'	112762	<a href="#">Bulletin 10-10</a>
GS-1-1/2-ZP 3X4 SAE 5'	112775	<a href="#">Bulletin 10-10</a>
GS-1-C 3X4 SAE 5'	112717	<a href="#">Bulletin 10-10</a>
GS-1-Z 3X4 SAE 5'	112761	<a href="#">Bulletin 10-10</a>
GS-1-ZP 3X4 SAE 5'	112774	<a href="#">Bulletin 10-10</a>
GS-1/2-C 2X4 SAE 5'	112904	<a href="#">Bulletin 10-10</a>
GS-1/2-C 3X4 SAE 5'	112716	<a href="#">Bulletin 10-10</a>
GS-1/2-Z 2X4 SAE 5'	112966	<a href="#">Bulletin 10-10</a>
GS-1/2-Z 3X4 SAE 5'	112760	<a href="#">Bulletin 10-10</a>
GS-1/2-ZP 3X4 SAE 5'	112772	<a href="#">Bulletin 10-10</a>
GS-1/4-C 2X4 SAE 5'	112715	<a href="#">Bulletin 10-10</a>
GS-1/4-Z 2X4 SAE 5'	112758	<a href="#">Bulletin 10-10</a>
GS-1/4-Z 3X4 SAE 5'	112897	<a href="#">Bulletin 10-10</a>
GS-1/4-ZP 2X4 SAE 5'	112771	<a href="#">Bulletin 10-10</a>
GS-1/8-ZP 3X4 SAE 5'	112891	<a href="#">Bulletin 10-10</a>
GSE-1-1/2-C 3X4 SAE 5'	112723	<a href="#">Bulletin 10-10</a>
GSE-1-1/2-Z 3X4 SAE 5'	112768	<a href="#">Bulletin 10-10</a>
GSE-1-1/2-ZP 3X4 SAE 5'	112781	<a href="#">Bulletin 10-10</a>
GSE-1-C 3X4 SAE 5'	112722	<a href="#">Bulletin 10-10</a>
GSE-1-Z 3X4 SAE 5'	112767	<a href="#">Bulletin 10-10</a>
GSE-1-ZP 3X4 SAE 5'	112779	<a href="#">Bulletin 10-10</a>
GSE-1-ZP40 3X4 SAE 5'	113054	<a href="#">Bulletin 10-10</a>
GSE-1/2-C 3X4 SAE 5'	112721	<a href="#">Bulletin 10-10</a>
GSE-1/2-Z 3X4 SAE 5'	112765	<a href="#">Bulletin 10-10</a>
GSE-1/2-ZP 2X4 SAE 5'	112988	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE EG, G

DESCRIPTION	ITEM #	BULLETIN
GSE-1/2-ZP 3X4 SAE 5'	112778	<a href="#">Bulletin 10-10</a>
GSE-1/4-C 2X4 SAE 5'	112720	<a href="#">Bulletin 10-10</a>
GSE-1/4-Z 3X4 SAE 5'	112901	<a href="#">Bulletin 10-10</a>
GSE-1/4-ZP 2X4 SAE 5'	112777	<a href="#">Bulletin 10-10</a>
GSE-1/4-ZP 3X4 SAE 5'	112902	<a href="#">Bulletin 10-10</a>
GSE-1/6-Z 3X4 SAE 5'	112800	<a href="#">Bulletin 10-10</a>
GSE-2-C 3X4 SAE 5'	112756	<a href="#">Bulletin 10-10</a>
GSE-2-CP115 3X4 SAE 5'	113080	<a href="#">Bulletin 10-10</a>
GSE-2-Z 3X4 SAE 5'	112769	<a href="#">Bulletin 10-10</a>
GSE-2-ZP 3X4 SAE 5'	112782	<a href="#">Bulletin 10-10</a>
GV-1-1/2-C 3X4 SAE 5'	112878	<a href="#">Bulletin 10-10</a>
GV-1-1/2-Z 3X4 SAE 5'	112969	<a href="#">Bulletin 10-10</a>
GV-1-C 2X4 SAE 5'	112850	<a href="#">Bulletin 10-10</a>
GV-1-C 3X4 SAE 5'	112857	<a href="#">Bulletin 10-10</a>
GV-1-Z 3X4 SAE 5'	112948	<a href="#">Bulletin 10-10</a>
GV-1/2-C 2X4 SAE 5'	112822	<a href="#">Bulletin 10-10</a>
GV-1/2-C 3X4 SAE 5'	112829	<a href="#">Bulletin 10-10</a>
GV-1/2-Z 2X4 SAE 5'	112913	<a href="#">Bulletin 10-10</a>
GV-1/2-Z 3X4 SAE 5'	112920	<a href="#">Bulletin 10-10</a>
GV-1/2-ZP 3X4 SAE 5'	113011	<a href="#">Bulletin 10-10</a>
GV-1/3-C 3X4 SAE 5'	112817	<a href="#">Bulletin 10-10</a>
GV-1/3-Z 3X4 SAE 5'	112910	<a href="#">Bulletin 10-10</a>
GV-1/4-C 2X4 SAE 5'	112818	<a href="#">Bulletin 10-10</a>
GV-1/5-C 2X4 SAE 5'	112820	<a href="#">Bulletin 10-10</a>
GV-1/5-C 3X4 SAE 5'	112819	<a href="#">Bulletin 10-10</a>
GV-2-1/2-C 3X4 SAE 5'	112899	<a href="#">Bulletin 10-10</a>
GV-3/4-C 3X4 SAE 5'	112825	<a href="#">Bulletin 10-10</a>
GVE-1-1/2-C 3X4 SAE 5'	112885	<a href="#">Bulletin 10-10</a>
GVE-1-1/2-CP100 3X4 SAE 5'	112801	<a href="#">Bulletin 10-10</a>
GVE-1-1/2-GA 3X4 SAE 5'	112752	<a href="#">Bulletin 10-10</a>
GVE-1-1/2-Z 3X4 SAE 5'	112976	<a href="#">Bulletin 10-10</a>
GVE-1-1/2-ZP 3X4 SAE 5'	113067	<a href="#">Bulletin 10-10</a>
GVE-1-1/2-ZP40 3X4 SAE 5'	115220	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
GVE-1-C 3X4 SAE 5'	112871	<a href="#">Bulletin 10-10</a>
GVE-1-CP100 3X4 SAE 5'	112794	<a href="#">Bulletin 10-10</a>
GVE-1-GA 3X4 SAE 5'	112745	<a href="#">Bulletin 10-10</a>
GVE-1-Z 3X4 SAE 5'	112962	<a href="#">Bulletin 10-10</a>
GVE-1-ZP 3X4 SAE 5'	113053	<a href="#">Bulletin 10-10</a>
GVE-1-ZP40 3X4 SAE 5'	115218	<a href="#">Bulletin 10-10</a>
GVE-1/2-C 2X4 SAE 5'	112836	<a href="#">Bulletin 10-10</a>
GVE-1/2-C 3X4 SAE 5'	112843	<a href="#">Bulletin 10-10</a>
GVE-1/2-CP100 2X4 SAE 5'	112773	<a href="#">Bulletin 10-10</a>
GVE-1/2-CP100 3X4 SAE 5'	112780	<a href="#">Bulletin 10-10</a>
GVE-1/2-Z 3X4 SAE 5'	112934	<a href="#">Bulletin 10-10</a>
GVE-1/2-ZP40 3X4 SAE 5'	115214	<a href="#">Bulletin 10-10</a>
GVE-1/3-C 2X4 SAE 5'	112991	<a href="#">Bulletin 10-10</a>
GVE-1/3-C 3X4 SAE 5'	112816	<a href="#">Bulletin 10-10</a>
GVE-1/3-Z 3X4 SAE 5'	112875	<a href="#">Bulletin 10-10</a>
GVE-1/4-C 3X4 SAE 5'	112869	<a href="#">Bulletin 10-10</a>
GVE-1/5-C 2X4 SAE 5'	112821	<a href="#">Bulletin 10-10</a>
GVE-2-C 3X4 SAE 5'	112892	<a href="#">Bulletin 10-10</a>
GVE-2-CP100 3X4 SAE 5'	112808	<a href="#">Bulletin 10-10</a>
GVE-2-GA 3X4 SAE 5'	112759	<a href="#">Bulletin 10-10</a>
GVE-2-Z 3X4 SAE 5'	112983	<a href="#">Bulletin 10-10</a>
GVE-2-ZP40 3X4 SAE 5'	115221	<a href="#">Bulletin 10-10</a>
GVE-3-C 3X4 SAE 5'	112906	<a href="#">Bulletin 10-10</a>
GVE-3-CP100 3X4 SAE 5'	112815	<a href="#">Bulletin 10-10</a>
GVE-3-GA 3X4 SAE 5'	112766	<a href="#">Bulletin 10-10</a>
GVE-3-Z 3X4 SAE 5'	112997	<a href="#">Bulletin 10-10</a>
GVE-3-ZP 3X4 SAE 5'	113088	<a href="#">Bulletin 10-10</a>
GVE-3-ZP40 3X4 SAE 5'	115223	<a href="#">Bulletin 10-10</a>
GVE-3/4-C 3X4 SAE 5'	112827	<a href="#">Bulletin 10-10</a>
GVE-3/4-CP100 3X4 SAE 5'	112965	<a href="#">Bulletin 10-10</a>
GVE-3/4-GA 3X4 SAE 5'	112879	<a href="#">Bulletin 10-10</a>
GVE-3/4-ZP 3X4 SAE 5'	112946	<a href="#">Bulletin 10-10</a>

## TYPE F, EF

DESCRIPTION	ITEM #	BULLETIN
EFF-1/4-C 2SX4 ODF 30"	109393	<a href="#">Bulletin 10-10</a>
EFF-1/4-Z 2SX4 ODF 30"	110270	<a href="#">Bulletin 10-10</a>
EFJ-1-1/2-C 3SX4 ODF 30"	109219	<a href="#">Bulletin 10-10</a>
EFJ-1-1/2-CP60 3X4 ODF 30"	111434	<a href="#">Bulletin 10-10</a>
EFJ-1-C 2SX3 ODF 30"	111404	<a href="#">Bulletin 10-10</a>
EFJ-1-C 3SX4 ODF 30"	109833	<a href="#">Bulletin 10-10</a>
EFJ-1/2-C 2SX3 ODF 30"	109835	<a href="#">Bulletin 10-10</a>
EFJ-1/2-C 2SX4 ODF 30"	109836	<a href="#">Bulletin 10-10</a>
EFJ-1/2-C 3SX4 ODF 30"	111044	<a href="#">Bulletin 10-10</a>
EFJ-1/4-C 2SX3 ODF 30"	109841	<a href="#">Bulletin 10-10</a>
EFJ-1/4-C 2SX4 ODF 30"	109702	<a href="#">Bulletin 10-10</a>
EFJ-1/4-C 3SX3 ODF 30"	109703	<a href="#">Bulletin 10-10</a>
EFJ-1/4-C 3SX4 ODF 30"	110689	<a href="#">Bulletin 10-10</a>
EFJ-1/4-Z 2X3 ODF 30"	110869	<a href="#">Bulletin 10-10</a>
EFJ-1/4-Z 2X4 ODF 30"	110571	<a href="#">Bulletin 10-10</a>
EFJ-1/4-ZP 2SX3 ODF 30"	111270	<a href="#">Bulletin 10-10</a>
EFJ-1/4-ZP 2SX4 ODF 30"	111416	<a href="#">Bulletin 10-10</a>
EFJ-1/4-ZPM 2X3 ODF 30"	110407	<a href="#">Bulletin 10-10</a>
EFJ-1/6-C 2X4 ODF 30"	111261	<a href="#">Bulletin 10-10</a>
EFJ-1/6-C 2SX3 ODF 30"	110561	<a href="#">Bulletin 10-10</a>
EFJ-1/6-C 2SX4 ODF 30"	109777	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EFJ-1/6-C 2SX4 ODF 60"	111831	<a href="#">Bulletin 10-10</a>
EFJ-1/6-C 3SX3 ODF 30"	109499	<a href="#">Bulletin 10-10</a>
EFJ-1/8-C 2X3 ODF 30"	109771	<a href="#">Bulletin 10-10</a>
EFJ-1/8-C 2SX3 ODF 30"	109847	<a href="#">Bulletin 10-10</a>
EFJ-1/8-C 2SX4 ODF 30"	109848	<a href="#">Bulletin 10-10</a>
EFJ-1/8-C 2SX4 ODF 60"	111047	<a href="#">Bulletin 10-10</a>
EFJ-1/8-Z 2SX4 ODF 30"	110837	<a href="#">Bulletin 10-10</a>
EFJE-1-1/2-C 3SX4 ODF 30"	109854	<a href="#">Bulletin 10-10</a>
EFJE-1-1/2-C 3SX4 ODF 60"	110384	<a href="#">Bulletin 10-10</a>
EFJE-1-1/2-CP60 3SX4 ODF 30"	109855	<a href="#">Bulletin 10-10</a>
EFJE-1-1/2-CP60 3SX4 ODF 60"	110808	<a href="#">Bulletin 10-10</a>
EFJE-1-C 2SX4 ODF 30"	110540	<a href="#">Bulletin 10-10</a>
EFJE-1-C 3SX4 ODF 30"	109850	<a href="#">Bulletin 10-10</a>
EFJE-1-CP60 3SX4 ODF 30"	109852	<a href="#">Bulletin 10-10</a>
EFJE-1-ZP 3SX4 ODF 30"	111705	<a href="#">Bulletin 10-10</a>
EFJE-1/2-C 2SX3 ODF 30"	111816	<a href="#">Bulletin 10-10</a>
EFJE-1/2-C 2SX4 ODF 30"	109736	<a href="#">Bulletin 10-10</a>
EFJE-1/2-C 3SX4 ODF 30"	109770	<a href="#">Bulletin 10-10</a>
EFJE-1/2-CP60 2SX4 ODF 30"	109817	<a href="#">Bulletin 10-10</a>
EFJE-1/2-ZP 2SX4 ODF 30"	111704	<a href="#">Bulletin 10-10</a>
EFJE-1/4-C 2SX3 ODF 30"	111815	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE F, EF

DESCRIPTION	ITEM #	BULLETIN
EFJE-1/4-C 2SX3 ODF 60"	111977	<a href="#">Bulletin 10-10</a>
EFJE-1/4-C 2SX4 ODF 30"	109731	<a href="#">Bulletin 10-10</a>
EFJE-1/6-C 2SX3 ODF 30"	111814	<a href="#">Bulletin 10-10</a>
EFJE-1/6-C 2SX4 ODF 30"	109514	<a href="#">Bulletin 10-10</a>
EFJE-1/8-C 2SX3 ODF 30"	111742	<a href="#">Bulletin 10-10</a>
EFJE-1/8-C 2SX4 ODF 30"	109220	<a href="#">Bulletin 10-10</a>
EFJE-2-C 3SX4 ODF 30"	109227	<a href="#">Bulletin 10-10</a>
EFJE-2-CP60 3SX4 ODF 30"	109261	<a href="#">Bulletin 10-10</a>
EFJE-2-ZP 3SX4 ODF 30"	111709	<a href="#">Bulletin 10-10</a>
EFJE-3-C 3SX4 ODF 30"	110169	<a href="#">Bulletin 10-10</a>
EFJE-3-C 3SX4 ODF 60"	110738	<a href="#">Bulletin 10-10</a>
EFJE-3-CP60 3SX4 ODF 30"	110703	<a href="#">Bulletin 10-10</a>
EFF-1-C 3SX4 ODF 60"	111584	<a href="#">Bulletin 10-10</a>
EFF-1-ZP 3SX4 ODF 60"	111599	<a href="#">Bulletin 10-10</a>
EFF-1/4-C 2SX4 ODF 30"	111219	<a href="#">Bulletin 10-10</a>
EFF-1/6-C 2X4 ODF 30"	110898	<a href="#">Bulletin 10-10</a>
EFF-1/8-C 2SX4 ODF 60"	111641	<a href="#">Bulletin 10-10</a>
EFPE-1-1/2-C 3SX4 ODF 60"	111591	<a href="#">Bulletin 10-10</a>
EFPE-1-C 2SX4 ODF 30"	109484	<a href="#">Bulletin 10-10</a>
EFPE-1-C 3SX4 ODF 60"	111590	<a href="#">Bulletin 10-10</a>
EFPE-1-Z 3SX4 ODF 30"	110614	<a href="#">Bulletin 10-10</a>
EFPE-1/2-C 2SX4 ODF 30"	109469	<a href="#">Bulletin 10-10</a>
EFPE-1/2-C 3SX4 ODF 60"	111588	<a href="#">Bulletin 10-10</a>
EFPE-1/2-Z 3SX4 ODF 30"	109834	<a href="#">Bulletin 10-10</a>
EFPE-1/4-C 2SX4 ODF 30"	109481	<a href="#">Bulletin 10-10</a>
EFPE-1/4-Z 2SX4 ODF 30"	110720	<a href="#">Bulletin 10-10</a>
EFPE-1/6-C 2SX4 ODF 30"	109516	<a href="#">Bulletin 10-10</a>
EFPE-2-C 3SX4 ODF 60"	111592	<a href="#">Bulletin 10-10</a>
EFPE-3-C 3SX4 ODF 60"	111593	<a href="#">Bulletin 10-10</a>
EFS-1-1/2-C 3SX4 ODF 30"	109283	<a href="#">Bulletin 10-10</a>
EFS-1-1/2-ZP 3SX4 ODF 30"	109346	<a href="#">Bulletin 10-10</a>
EFS-1-C 2SX3 ODF 30"	111851	<a href="#">Bulletin 10-10</a>
EFS-1-C 3SX4 ODF 30"	109884	<a href="#">Bulletin 10-10</a>
EFS-1-C 3SX4 ODF 60"	111619	<a href="#">Bulletin 10-10</a>
EFS-1-Z 2SX3 ODF 30"	111710	<a href="#">Bulletin 10-10</a>
EFS-1-Z 3SX4 ODF 30"	109885	<a href="#">Bulletin 10-10</a>
EFS-1-ZP 3SX4 ODF 30"	109345	<a href="#">Bulletin 10-10</a>
EFS-1/2-C 2SX3 ODF 30"	109889	<a href="#">Bulletin 10-10</a>
EFS-1/2-C 2SX4 ODF 30"	109281	<a href="#">Bulletin 10-10</a>
EFS-1/2-C 2SX4 ODF 60"	110870	<a href="#">Bulletin 10-10</a>
EFS-1/2-C 3SX4 ODF 30"	110951	<a href="#">Bulletin 10-10</a>
EFS-1/2-C 3SX4 ODF 60"	111618	<a href="#">Bulletin 10-10</a>
EFS-1/2-Z 2SX3 ODF 30"	109891	<a href="#">Bulletin 10-10</a>
EFS-1/2-Z 2SX4 ODF 30"	109311	<a href="#">Bulletin 10-10</a>
EFS-1/2-Z 3SX4 ODF 30"	109892	<a href="#">Bulletin 10-10</a>
EFS-1/2-ZP 2SX4 ODF 30"	109894	<a href="#">Bulletin 10-10</a>
EFS-1/2-ZP 3SX4 ODF 30"	110871	<a href="#">Bulletin 10-10</a>
EFS-1/4-C 2SX3 ODF 30"	109896	<a href="#">Bulletin 10-10</a>
EFS-1/4-C 2SX4 ODF 30"	109897	<a href="#">Bulletin 10-10</a>
EFS-1/4-C 3SX3 ODF 30"	109614	<a href="#">Bulletin 10-10</a>
EFS-1/4-C 3SX4 ODF 30"	110636	<a href="#">Bulletin 10-10</a>
EFS-1/4-Z 2SX3 ODF 30"	109898	<a href="#">Bulletin 10-10</a>
EFS-1/4-Z 2SX4 ODF 30"	109899	<a href="#">Bulletin 10-10</a>
EFS-1/4-Z 3SX4 ODF 30"	111046	<a href="#">Bulletin 10-10</a>
EFS-1/4-ZP 2SX3 ODF 30"	111333	<a href="#">Bulletin 10-10</a>
EFS-1/4-ZP 2SX4 ODF 30"	109903	<a href="#">Bulletin 10-10</a>
EFS-1/6-C 2SX3 ODF 30"	111053	<a href="#">Bulletin 10-10</a>
EFS-1/6-C 2SX4 ODF 30"	110996	<a href="#">Bulletin 10-10</a>
EFS-1/6-Z 2SX3 ODF 30"	109509	<a href="#">Bulletin 10-10</a>
EFS-1/6-Z 2SX4 ODF 30"	109904	<a href="#">Bulletin 10-10</a>
EFS-1/8-C 2X4 ODF 30"	109278	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EFS-1/8-C 2SX3 ODF 30"	110697	<a href="#">Bulletin 10-10</a>
EFS-1/8-C 2SX4 ODF 30"	109905	<a href="#">Bulletin 10-10</a>
EFS-1/8-Z 2SX3 ODF 30"	109906	<a href="#">Bulletin 10-10</a>
EFS-1/8-Z 2SX4 ODF 30"	109309	<a href="#">Bulletin 10-10</a>
EFS-1/8-ZP 2SX3 ODF 30"	109908	<a href="#">Bulletin 10-10</a>
EFS-1/8-ZP 2SX4 ODF 30"	109910	<a href="#">Bulletin 10-10</a>
EFSE-1-1/2-C 3SX4 ODF 30"	109915	<a href="#">Bulletin 10-10</a>
EFSE-1-1/2-Z 3SX4 ODF 30"	109917	<a href="#">Bulletin 10-10</a>
EFSE-1-1/2-ZP 3SX4 ODF 30"	109918	<a href="#">Bulletin 10-10</a>
EFSE-1-C 2SX4 ODF 30"	109639	<a href="#">Bulletin 10-10</a>
EFSE-1-C 3SX4 ODF 30"	110368	<a href="#">Bulletin 10-10</a>
EFSE-1-C 3VX4 ODF 30"	109911	<a href="#">Bulletin 10-10</a>
EFSE-1-CP115 2SX4 ODF 30"	109640	<a href="#">Bulletin 10-10</a>
EFSE-1-CP115 3VX4 ODF 30"	110907	<a href="#">Bulletin 10-10</a>
EFSE-1-Z 2SX4 ODF 30"	111501	<a href="#">Bulletin 10-10</a>
EFSE-1-Z 3SX4 ODF 30"	109912	<a href="#">Bulletin 10-10</a>
EFSE-1-ZP 3SX4 ODF 30"	109913	<a href="#">Bulletin 10-10</a>
EFSE-1-ZP 3SX4 ODF 60"	109768	<a href="#">Bulletin 10-10</a>
EFSE-1/2-C 2SX4 ODF 30"	109631	<a href="#">Bulletin 10-10</a>
EFSE-1/2-C 2SX4 ODF 60"	110742	<a href="#">Bulletin 10-10</a>
EFSE-1/2-C 3SX4 ODF 30"	109920	<a href="#">Bulletin 10-10</a>
EFSE-1/2-C 3SX4 ODF 60"	111623	<a href="#">Bulletin 10-10</a>
EFSE-1/2-CP115 2SX4 ODF 30"	109643	<a href="#">Bulletin 10-10</a>
EFSE-1/2-CP115 3SX4 ODF 30"	109922	<a href="#">Bulletin 10-10</a>
EFSE-1/2-Z 2SX4 ODF 30"	109924	<a href="#">Bulletin 10-10</a>
EFSE-1/2-Z 3SX3 ODF 30"	112389	<a href="#">Bulletin 10-10</a>
EFSE-1/2-Z 3SX4 ODF 30"	109925	<a href="#">Bulletin 10-10</a>
EFSE-1/2-ZP 2SX4 ODF 30"	109926	<a href="#">Bulletin 10-10</a>
EFSE-1/2-ZP 3SX4 ODF 30"	109929	<a href="#">Bulletin 10-10</a>
EFSE-1/4-C 2SX3 ODF 30"	109930	<a href="#">Bulletin 10-10</a>
EFSE-1/4-C 2SX4 ODF 30"	109645	<a href="#">Bulletin 10-10</a>
EFSE-1/4-CP 2SX4 ODF 30"	111180	<a href="#">Bulletin 10-10</a>
EFSE-1/4-Z 2SX4 ODF 30"	109933	<a href="#">Bulletin 10-10</a>
EFSE-1/4-Z 3SX4 ODF 30"	111152	<a href="#">Bulletin 10-10</a>
EFSE-1/4-ZP 2SX4 ODF 30"	109936	<a href="#">Bulletin 10-10</a>
EFSE-1/4-ZP 3SX4 ODF 60"	111634	<a href="#">Bulletin 10-10</a>
EFSE-1/6-C 2SX3 ODF 30"	111730	<a href="#">Bulletin 10-10</a>
EFSE-1/6-C 2SX4 ODF 30"	109520	<a href="#">Bulletin 10-10</a>
EFSE-1/6-C 3SX4 ODF 30"	111479	<a href="#">Bulletin 10-10</a>
EFSE-1/6-Z 2SX4 ODF 30"	111347	<a href="#">Bulletin 10-10</a>
EFSE-1/6-ZP 2SX3 ODF 30"	168819	<a href="#">Bulletin 10-10</a>
EFSE-1/6-ZP 2SX4 ODF 30"	110995	<a href="#">Bulletin 10-10</a>
EFSE-1/8-C 2SX3 ODF 30"	110687	<a href="#">Bulletin 10-10</a>
EFSE-1/8-C 2SX4 ODF 30"	109465	<a href="#">Bulletin 10-10</a>
EFSE-1/8-Z 2SX3 ODF 30"	111271	<a href="#">Bulletin 10-10</a>
EFSE-1/8-Z 2SX4 ODF 30"	109316	<a href="#">Bulletin 10-10</a>
EFSE-1/8-ZP 2SX4 ODF 30"	109348	<a href="#">Bulletin 10-10</a>
EFSE-2-C 3SX4 ODF 30"	109938	<a href="#">Bulletin 10-10</a>
EFSE-2-C 3SX4 ODF 60"	111626	<a href="#">Bulletin 10-10</a>
EFSE-2-Z 3SX4 ODF 30"	109939	<a href="#">Bulletin 10-10</a>
EFSE-2-ZP 3SX4 ODF 30"	109940	<a href="#">Bulletin 10-10</a>
EFSE-2-ZP 3SX4 ODF 60"	111639	<a href="#">Bulletin 10-10</a>
EFSE-3-C 3SX4 ODF 30"	111567	<a href="#">Bulletin 10-10</a>
EFSE-3-C 3SX4 ODF 60"	111315	<a href="#">Bulletin 10-10</a>
EFSE-3-Z 3SX4 ODF 30"	112396	<a href="#">Bulletin 10-10</a>
EFSE-3-ZP 3SX4 ODF 30"	110682	<a href="#">Bulletin 10-10</a>
EFV-1-1/2-C 3SX4 ODF 30"	110935	<a href="#">Bulletin 10-10</a>
EFV-1-C 2SX4 ODF 30"	110570	<a href="#">Bulletin 10-10</a>
EFV-1-C 3SX4 ODF 30"	109944	<a href="#">Bulletin 10-10</a>
EFV-1-ZP40 3SX4 ODF 30"	110326	<a href="#">Bulletin 10-10</a>
EFV-1/2-C 3X4 ODF 30"	109432	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE F, EF

DESCRIPTION	ITEM #	BULLETIN
EFV-1/2-C 2SX3 ODF 30"	109947	<a href="#">Bulletin 10-10</a>
EFV-1/2-C 2SX4 ODF 30"	109948	<a href="#">Bulletin 10-10</a>
EFV-1/2-C 3SX4 ODF 30"	109950	<a href="#">Bulletin 10-10</a>
EFV-1/3-C 2SX3 ODF 30"	110851	<a href="#">Bulletin 10-10</a>
EFV-1/3-C 2SX4 ODF 30"	109954	<a href="#">Bulletin 10-10</a>
EFV-1/4-C 2SX3 ODF 30"	109533	<a href="#">Bulletin 10-10</a>
EFV-1/4-C 2SX4 ODF 30"	109957	<a href="#">Bulletin 10-10</a>
EFV-1/4-Z 2SX3 ODF 30"	109959	<a href="#">Bulletin 10-10</a>
EFV-1/4-ZP 2SX4 ODF 30"	110848	<a href="#">Bulletin 10-10</a>
EFV-1/4-ZP40 2SX4 ODF 30"	110225	<a href="#">Bulletin 10-10</a>
EFV-1/5-C 2SX3 ODF 30"	111084	<a href="#">Bulletin 10-10</a>
EFV-1/5-C 2SX3 ODF 60"	111004	<a href="#">Bulletin 10-10</a>
EFV-1/5-C 2SX4 ODF 30"	110897	<a href="#">Bulletin 10-10</a>
EFV-1/5-C 2SX4 ODF 60"	110846	<a href="#">Bulletin 10-10</a>
EFV-1/5-Z 2SX3 ODF 30"	109526	<a href="#">Bulletin 10-10</a>
EFV-1/5-Z 2SX4 ODF 30"	109962	<a href="#">Bulletin 10-10</a>
EFV-1/5-ZP 2SX3 ODF 30"	110888	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-C 2SX3 ODF 30"	110347	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-C 3SX4 ODF 30"	109967	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-C 3SX4 ODF 60"	110233	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-CP100 3SX4 ODF 30"	111702	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-GA 3SX4 ODF 60"	110213	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-Z 3SX4 ODF 30"	110535	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-ZP 3SX4 ODF 30"	109581	<a href="#">Bulletin 10-10</a>
EFVE-1-1/2-ZP40 3SX4 ODF 30"	110332	<a href="#">Bulletin 10-10</a>
EFVE-1-C 2SX4 ODF 30"	109570	<a href="#">Bulletin 10-10</a>
EFVE-1-C 3SX4 ODF 30"	109572	<a href="#">Bulletin 10-10</a>
EFVE-1-GA 3SX4 ODF 30"	111240	<a href="#">Bulletin 10-10</a>
EFVE-1-L1 2SX4 ODF 30"	110606	<a href="#">Bulletin 10-10</a>
EFVE-1-Z 3SX4 ODF 30"	109965	<a href="#">Bulletin 10-10</a>
EFVE-1-ZP 3SX4 ODF 30"	109966	<a href="#">Bulletin 10-10</a>
EFVE-1-ZP40 3SX4 ODF 30"	110330	<a href="#">Bulletin 10-10</a>
EFVE-1/2-C 2SX4 ODF 30"	109560	<a href="#">Bulletin 10-10</a>
EFVE-1/2-C 3SX4 ODF 30"	109558	<a href="#">Bulletin 10-10</a>
EFVE-1/2-L1 2SX4 ODF 30"	110605	<a href="#">Bulletin 10-10</a>
EFVE-1/2-L2 2SX4 ODF 30"	110610	<a href="#">Bulletin 10-10</a>
EFVE-1/2-Z 3SX4 ODF 30"	111570	<a href="#">Bulletin 10-10</a>
EFVE-1/2-ZP40 2SX4 ODF 30"	110331	<a href="#">Bulletin 10-10</a>
EFVE-1/3-C 2SX4 ODF 30"	109478	<a href="#">Bulletin 10-10</a>
EFVE-1/3-Z 2SX4 ODF 30"	110676	<a href="#">Bulletin 10-10</a>
EFVE-1/4-C 2SX3 ODF 30"	110405	<a href="#">Bulletin 10-10</a>
EFVE-1/4-C 2SX4 ODF 30"	109555	<a href="#">Bulletin 10-10</a>
EFVE-1/5-C 2SX3 ODF 30"	109505	<a href="#">Bulletin 10-10</a>
EFVE-1/5-C 2SX4 ODF 30"	109506	<a href="#">Bulletin 10-10</a>
EFVE-1/5-Z 2SX3 ODF 30"	109805	<a href="#">Bulletin 10-10</a>
EFVE-2-C 3SX4 ODF 30"	109973	<a href="#">Bulletin 10-10</a>
EFVE-2-C 3SX4 ODF 60"	110234	<a href="#">Bulletin 10-10</a>
EFVE-2-CP100 3SX4 ODF 30"	110867	<a href="#">Bulletin 10-10</a>
EFVE-2-ZP40 3SX4 ODF 30"	110333	<a href="#">Bulletin 10-10</a>
EFVE-3-C 3SX4 ODF 30"	109975	<a href="#">Bulletin 10-10</a>
EFVE-3-CP100 3SX4 ODF 30"	110228	<a href="#">Bulletin 10-10</a>
EFVE-3-CP100 4VX5 ODF 30"	110349	<a href="#">Bulletin 10-10</a>
EFVE-3-GA 3SX4 ODF 30"	110713	<a href="#">Bulletin 10-10</a>
EFVE-3-Z 3SX4 ODF 30"	110625	<a href="#">Bulletin 10-10</a>
EFVE-3-ZP 3SX4 ODF 30"	110835	<a href="#">Bulletin 10-10</a>
EFVE-5-C 3SX4 ODF 30"	110681	<a href="#">Bulletin 10-10</a>
EFVE-5-C 3SX4 ODF 60"	110382	<a href="#">Bulletin 10-10</a>
EFVE-5-CP100 3SX4 ODF 30"	110344	<a href="#">Bulletin 10-10</a>
EFVE-5-CP100 3SX4 ODF 60"	111016	<a href="#">Bulletin 10-10</a>
EFVE-5-GA 3SX4 ODF 30"	111682	<a href="#">Bulletin 10-10</a>
EFVE-5-ZP 3SX4 ODF 30"	110836	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
FF-1/2-C 3X4 SAE 30"	110061	<a href="#">Bulletin 10-10</a>
FF-1/4-C 2X3 SAE 30"	110005	<a href="#">Bulletin 10-10</a>
FFE-1/2-C 2X4 SAE 30"	110075	<a href="#">Bulletin 10-10</a>
FFE-1/4-C 2X4 SAE 30"	110033	<a href="#">Bulletin 10-10</a>
FJ-1-1/2-C 3X4 SAE 30"	109202	<a href="#">Bulletin 10-10</a>
FJ-1-C 2X3 SAE 30"	111905	<a href="#">Bulletin 10-10</a>
FJ-1-C 2X4 SAE 30"	110650	<a href="#">Bulletin 10-10</a>
FJ-1-C 3X4 SAE 30"	111927	<a href="#">Bulletin 10-10</a>
FJ-1-ZP 3X4 SAE 30"	109782	<a href="#">Bulletin 10-10</a>
FJ-1/2-C 2X3 SAE 30"	109778	<a href="#">Bulletin 10-10</a>
FJ-1/2-C 2X4 SAE 30"	111929	<a href="#">Bulletin 10-10</a>
FJ-1/2-C 2X4 SAE 60"	109715	<a href="#">Bulletin 10-10</a>
FJ-1/2-C 3X4 SAE 30"	109716	<a href="#">Bulletin 10-10</a>
FJ-1/2-C 3X4 SAE 60"	111462	<a href="#">Bulletin 10-10</a>
FJ-1/2-Z 2X4 SAE 30"	109724	<a href="#">Bulletin 10-10</a>
FJ-1/2-ZP 2X4 SAE 30"	109764	<a href="#">Bulletin 10-10</a>
FJ-1/4-C 2X3 SAE 30"	110209	<a href="#">Bulletin 10-10</a>
FJ-1/4-C 2X4 SAE 30"	109201	<a href="#">Bulletin 10-10</a>
FJ-1/4-C 2X4 SAE 60"	109701	<a href="#">Bulletin 10-10</a>
FJ-1/4-C 3X4 SAE 30"	111901	<a href="#">Bulletin 10-10</a>
FJ-1/4-Z 2X3 SAE 30"	110492	<a href="#">Bulletin 10-10</a>
FJ-1/4-Z 2X4 SAE 30"	109710	<a href="#">Bulletin 10-10</a>
FJ-1/4-ZP 2X4 SAE 30"	109763	<a href="#">Bulletin 10-10</a>
FJ-1/4-ZP 2X4 SAE 60"	109709	<a href="#">Bulletin 10-10</a>
FJ-1/6-C 2X3 SAE 30"	111854	<a href="#">Bulletin 10-10</a>
FJ-1/6-C 2X4 SAE 30"	109801	<a href="#">Bulletin 10-10</a>
FJ-1/8-C 2X3 SAE 30"	111904	<a href="#">Bulletin 10-10</a>
FJ-1/8-C 2X4 SAE 30"	109200	<a href="#">Bulletin 10-10</a>
FJ-1/8-Z 2X3 SAE 30"	110577	<a href="#">Bulletin 10-10</a>
FJ-1/8-Z 2X4 SAE 30"	109779	<a href="#">Bulletin 10-10</a>
FJ-1/8-ZP 2X4 SAE 30"	111571	<a href="#">Bulletin 10-10</a>
FJE-1-1/2-C 3X4 SAE 30"	109206	<a href="#">Bulletin 10-10</a>
FJE-1-1/2-CP60 3X4 SAE 30"	109245	<a href="#">Bulletin 10-10</a>
FJE-1-1/2-Z 3X4 SAE 30"	110436	<a href="#">Bulletin 10-10</a>
FJE-1-1/2-ZP 3X4 SAE 30"	111367	<a href="#">Bulletin 10-10</a>
FJE-1-C 2X4 SAE 30"	109740	<a href="#">Bulletin 10-10</a>
FJE-1-C 3X4 SAE 30"	111930	<a href="#">Bulletin 10-10</a>
FJE-1-C 3X4 SAE 60"	111932	<a href="#">Bulletin 10-10</a>
FJE-1-CP60 3X4 SAE 30"	109243	<a href="#">Bulletin 10-10</a>
FJE-1-Z 3X4 SAE 30"	110435	<a href="#">Bulletin 10-10</a>
FJE-1-ZP 3X4 SAE 30"	109761	<a href="#">Bulletin 10-10</a>
FJE-1/2-C 2X4 SAE 30"	109205	<a href="#">Bulletin 10-10</a>
FJE-1/2-C 3X4 SAE 30"	109735	<a href="#">Bulletin 10-10</a>
FJE-1/2-C 3X4 SAE 60"	111869	<a href="#">Bulletin 10-10</a>
FJE-1/2-Z 2X4 SAE 30"	109738	<a href="#">Bulletin 10-10</a>
FJE-1/2-Z 3X4 SAE 30"	110433	<a href="#">Bulletin 10-10</a>
FJE-1/2-ZP 2X4 SAE 30"	109784	<a href="#">Bulletin 10-10</a>
FJE-1/4-C 2X4 SAE 30"	109204	<a href="#">Bulletin 10-10</a>
FJE-1/4-C 3X4 SAE 30"	109757	<a href="#">Bulletin 10-10</a>
FJE-1/4-Z 2X4 SAE 30"	110968	<a href="#">Bulletin 10-10</a>
FJE-1/4-Z 3X4 SAE 30"	110431	<a href="#">Bulletin 10-10</a>
FJE-1/6-C 2X4 SAE 30"	110694	<a href="#">Bulletin 10-10</a>
FJE-1/8-C 2X4 SAE 30"	109203	<a href="#">Bulletin 10-10</a>
FJE-2-C 3X4 SAE 30"	109207	<a href="#">Bulletin 10-10</a>
FJE-2-Z 3X4 SAE 30"	111924	<a href="#">Bulletin 10-10</a>
FJE-2-ZP 3X4 SAE 30"	111921	<a href="#">Bulletin 10-10</a>
FJE-3-C 3X4 SAE 30"	110640	<a href="#">Bulletin 10-10</a>
FJE-3-C 3X4 SAE 60"	110692	<a href="#">Bulletin 10-10</a>
FJE-3-CP60 3X4 SAE 30"	110745	<a href="#">Bulletin 10-10</a>
FP-1-Z 3X4 SAE 60"	110765	<a href="#">Bulletin 10-10</a>
FP-1/2-Z 3X4 SAE 30"	111353	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE F, EF

DESCRIPTION	ITEM #	BULLETIN
FP-1/4-C 2X4 SAE 30"	111105	<a href="#">Bulletin 10-10</a>
FP-1/4-C 3X4 SAE 60"	112381	<a href="#">Bulletin 10-10</a>
FP-1/8-C 2X4 SAE 30"	111830	<a href="#">Bulletin 10-10</a>
FPE-1-1/2-C 3X4 SAE 30"	110706	<a href="#">Bulletin 10-10</a>
FPE-1-C 3X4 SAE 30"	110704	<a href="#">Bulletin 10-10</a>
FPE-1-Z 3X4 SAE 30"	111508	<a href="#">Bulletin 10-10</a>
FPE-1/2-C 2X4 SAE 30"	110542	<a href="#">Bulletin 10-10</a>
FPE-1/2-C 3X4 SAE 30"	111003	<a href="#">Bulletin 10-10</a>
FPE-1/4-C 3X4 SAE 60"	112380	<a href="#">Bulletin 10-10</a>
FPE-2-Z 3X4 SAE 30"	111002	<a href="#">Bulletin 10-10</a>
FS-1-1/2-C 3X4 SAE 30"	109268	<a href="#">Bulletin 10-10</a>
FS-1-1/2-C 3X4 SAE 60"	109272	<a href="#">Bulletin 10-10</a>
FS-1-1/2-Z 3X4 SAE 30"	109299	<a href="#">Bulletin 10-10</a>
FS-1-C 2X4 SAE 30"	111205	<a href="#">Bulletin 10-10</a>
FS-1-C 3X4 SAE 30"	109267	<a href="#">Bulletin 10-10</a>
FS-1-Z 3X4 SAE 30"	109297	<a href="#">Bulletin 10-10</a>
FS-1-ZP 3X4 SAE 30"	109329	<a href="#">Bulletin 10-10</a>
FS-1/2-C 2X3 SAE 30"	110426	<a href="#">Bulletin 10-10</a>
FS-1/2-C 2X4 SAE 30"	109266	<a href="#">Bulletin 10-10</a>
FS-1/2-C 2X4 SAE 60"	109621	<a href="#">Bulletin 10-10</a>
FS-1/2-C 3X4 SAE 30"	110226	<a href="#">Bulletin 10-10</a>
FS-1/2-Z 2X3 SAE 30"	110933	<a href="#">Bulletin 10-10</a>
FS-1/2-Z 2X4 SAE 30"	109296	<a href="#">Bulletin 10-10</a>
FS-1/2-Z 3X4 SAE 30"	110552	<a href="#">Bulletin 10-10</a>
FS-1/2-Z 3X4 SAE 60"	111537	<a href="#">Bulletin 10-10</a>
FS-1/2-ZP 2X3 SAE 30"	111080	<a href="#">Bulletin 10-10</a>
FS-1/2-ZP 2X4 SAE 30"	109327	<a href="#">Bulletin 10-10</a>
FS-1/2-ZP 3X4 SAE 30"	110860	<a href="#">Bulletin 10-10</a>
FS-1/2-ZP35 3X4 SAE 30"	111242	<a href="#">Bulletin 10-10</a>
FS-1/4-C 2X3 SAE 30"	110510	<a href="#">Bulletin 10-10</a>
FS-1/4-C 2X4 SAE 30"	109264	<a href="#">Bulletin 10-10</a>
FS-1/4-C 3X4 SAE 30"	110603	<a href="#">Bulletin 10-10</a>
FS-1/4-Z 2X3 SAE 30"	110202	<a href="#">Bulletin 10-10</a>
FS-1/4-Z 2X4 SAE 30"	109295	<a href="#">Bulletin 10-10</a>
FS-1/4-Z 3X4 SAE 30"	110512	<a href="#">Bulletin 10-10</a>
FS-1/4-ZP 2X3 SAE 30"	111074	<a href="#">Bulletin 10-10</a>
FS-1/4-ZP 2X4 SAE 30"	109325	<a href="#">Bulletin 10-10</a>
FS-1/4-ZP 3X4 SAE 30"	110944	<a href="#">Bulletin 10-10</a>
FS-1/6-C 2X4 SAE 30"	111654	<a href="#">Bulletin 10-10</a>
FS-1/6-Z 2X4 SAE 30"	111065	<a href="#">Bulletin 10-10</a>
FS-1/6-ZP 2X4 SAE 30"	110675	<a href="#">Bulletin 10-10</a>
FS-1/8-C 2X3 SAE 30"	111535	<a href="#">Bulletin 10-10</a>
FS-1/8-C 2X4 SAE 30"	109262	<a href="#">Bulletin 10-10</a>
FS-1/8-Z 2X4 SAE 30"	109294	<a href="#">Bulletin 10-10</a>
FS-1/8-ZP 2X4 SAE 30"	109324	<a href="#">Bulletin 10-10</a>
FSE-1-1/2-C 3X4 SAE 30"	109275	<a href="#">Bulletin 10-10</a>
FSE-1-1/2-Z 3X4 SAE 30"	109306	<a href="#">Bulletin 10-10</a>
FSE-1-1/2-Z 3X4 SAE 60"	110461	<a href="#">Bulletin 10-10</a>
FSE-1-1/2-ZP 3X4 SAE 30"	109338	<a href="#">Bulletin 10-10</a>
FSE-1-1/2-ZP35 3X4 SAE 30"	110702	<a href="#">Bulletin 10-10</a>
FSE-1-C 2X4 SAE 30"	110941	<a href="#">Bulletin 10-10</a>
FSE-1-C 3X4 SAE 30"	109274	<a href="#">Bulletin 10-10</a>
FSE-1-C 3X4 SAE 60"	110874	<a href="#">Bulletin 10-10</a>
FSE-1-Z 3X4 SAE 30"	109304	<a href="#">Bulletin 10-10</a>
FSE-1-Z 3X4 SAE 60"	110878	<a href="#">Bulletin 10-10</a>
FSE-1-ZP 2X4 SAE 30"	111207	<a href="#">Bulletin 10-10</a>
FSE-1-ZP 3X4 SAE 30"	109337	<a href="#">Bulletin 10-10</a>
FSE-1-ZP 3X4 SAE 60"	110296	<a href="#">Bulletin 10-10</a>
FSE-1/2-C 2X4 SAE 30"	109273	<a href="#">Bulletin 10-10</a>
FSE-1/2-C 3X4 SAE 30"	109630	<a href="#">Bulletin 10-10</a>
FSE-1/2-Z 2X4 SAE 30"	109303	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
FSE-1/2-Z 3X4 SAE 30"	110428	<a href="#">Bulletin 10-10</a>
FSE-1/2-ZP 2X4 SAE 30"	109336	<a href="#">Bulletin 10-10</a>
FSE-1/2-ZP 2X4 SAE 60"	110550	<a href="#">Bulletin 10-10</a>
FSE-1/2-ZP 3X4 SAE 30"	109637	<a href="#">Bulletin 10-10</a>
FSE-1/2-ZP35 2X4 SAE 30"	110247	<a href="#">Bulletin 10-10</a>
FSE-1/4-C 2X4 SAE 30"	109271	<a href="#">Bulletin 10-10</a>
FSE-1/4-C 3X4 SAE 30"	110962	<a href="#">Bulletin 10-10</a>
FSE-1/4-Z 2X4 SAE 30"	109302	<a href="#">Bulletin 10-10</a>
FSE-1/4-Z 3X4 SAE 30"	111310	<a href="#">Bulletin 10-10</a>
FSE-1/4-ZP 2X4 SAE 30"	109334	<a href="#">Bulletin 10-10</a>
FSE-1/4-ZP 3X4 SAE 30"	111374	<a href="#">Bulletin 10-10</a>
FSE-1/6-C 2X4 SAE 30"	110631	<a href="#">Bulletin 10-10</a>
FSE-1/8-C 2X4 SAE 30"	109269	<a href="#">Bulletin 10-10</a>
FSE-1/8-ZP 2X4 SAE 30"	109331	<a href="#">Bulletin 10-10</a>
FSE-2-C 3X4 SAE 30"	109276	<a href="#">Bulletin 10-10</a>
FSE-2-Z 3X4 SAE 30"	109308	<a href="#">Bulletin 10-10</a>
FSE-2-Z 3X4 SAE 60"	110879	<a href="#">Bulletin 10-10</a>
FSE-2-ZP 3X4 SAE 30"	109339	<a href="#">Bulletin 10-10</a>
FSE-3-C 3X4 SAE 5'	111231	<a href="#">Bulletin 10-10</a>
FSE-3-C 3X4 SAE 30"	110632	<a href="#">Bulletin 10-10</a>
FSE-3-Z 3X4 SAE 30"	110762	<a href="#">Bulletin 10-10</a>
FSE-3-Z 3X4 SAE 60"	109798	<a href="#">Bulletin 10-10</a>
FSE-3-ZP 3X4 SAE 30"	109752	<a href="#">Bulletin 10-10</a>
FV-1-1/2-C 3X4 SAE 30"	109298	<a href="#">Bulletin 10-10</a>
FV-1-1/2-Z 3X4 SAE 30"	109417	<a href="#">Bulletin 10-10</a>
FV-1-1/2-Z 3X4 SAE 60"	109418	<a href="#">Bulletin 10-10</a>
FV-1-1/2-ZP 3X4 SAE 30"	109536	<a href="#">Bulletin 10-10</a>
FV-1-C 2X4 SAE 30"	109263	<a href="#">Bulletin 10-10</a>
FV-1-C 3X4 SAE 30"	109270	<a href="#">Bulletin 10-10</a>
FV-1-Z 2X3 SAE 30"	109375	<a href="#">Bulletin 10-10</a>
FV-1-Z 2X4 SAE 30"	109382	<a href="#">Bulletin 10-10</a>
FV-1-Z 3X4 SAE 30"	109389	<a href="#">Bulletin 10-10</a>
FV-1-Z 3X4 SAE 60"	109391	<a href="#">Bulletin 10-10</a>
FV-1-ZP 3X4 SAE 30"	109508	<a href="#">Bulletin 10-10</a>
FV-1/2-C 2X3 SAE 30"	109214	<a href="#">Bulletin 10-10</a>
FV-1/2-C 2X4 SAE 30"	109221	<a href="#">Bulletin 10-10</a>
FV-1/2-C 3X4 SAE 30"	109228	<a href="#">Bulletin 10-10</a>
FV-1/2-Z 2X4 SAE 30"	109340	<a href="#">Bulletin 10-10</a>
FV-1/2-Z 2X4 SAE 60"	109342	<a href="#">Bulletin 10-10</a>
FV-1/2-Z 3X4 SAE 30"	109347	<a href="#">Bulletin 10-10</a>
FV-1/2-Z 3X4 SAE 60"	109349	<a href="#">Bulletin 10-10</a>
FV-1/2-ZP 2X4 SAE 30"	109459	<a href="#">Bulletin 10-10</a>
FV-1/2-ZP40 2X4 SAE 30"	111938	<a href="#">Bulletin 10-10</a>
FV-1/3-C 2X4 SAE 30"	110559	<a href="#">Bulletin 10-10</a>
FV-1/3-C 3X4 SAE 30"	110657	<a href="#">Bulletin 10-10</a>
FV-1/4-C 2X3 SAE 30"	109390	<a href="#">Bulletin 10-10</a>
FV-1/4-C 2X4 SAE 30"	109212	<a href="#">Bulletin 10-10</a>
FV-1/4-C 3X4 SAE 30"	109532	<a href="#">Bulletin 10-10</a>
FV-1/4-C 3X4 SAE 60"	110521	<a href="#">Bulletin 10-10</a>
FV-1/4-Z 2X3 SAE 30"	109387	<a href="#">Bulletin 10-10</a>
FV-1/4-Z 2X4 SAE 30"	109385	<a href="#">Bulletin 10-10</a>
FV-1/4-Z 3X4 SAE 30"	109332	<a href="#">Bulletin 10-10</a>
FV-1/4-ZP 2X4 SAE 30"	111903	<a href="#">Bulletin 10-10</a>
FV-1/4-ZP40 2X4 SAE 30"	111934	<a href="#">Bulletin 10-10</a>
FV-1/5-C 2X4 SAE 30"	109443	<a href="#">Bulletin 10-10</a>
FV-1/5-Z 2X4 SAE 30"	111913	<a href="#">Bulletin 10-10</a>
FV-2-1/2-C 3X4 SAE 30"	109319	<a href="#">Bulletin 10-10</a>
FV-2-1/2-Z 3X4 SAE 30"	109438	<a href="#">Bulletin 10-10</a>
FVE-1-1/2-C 3X4 SAE 30"	109305	<a href="#">Bulletin 10-10</a>
FVE-1-1/2-CP100 3X4 SAE 30"	110534	<a href="#">Bulletin 10-10</a>
FVE-1-1/2-GA 3X4 SAE 30"	111121	<a href="#">Bulletin 10-10</a>



# Thermostatic Expansion Valves

## TYPE F, EF

DESCRIPTION	ITEM #	BULLETIN
FVE-1-1/2-Z 3X4 SAE 30"	109424	<a href="#">Bulletin 10-10</a>
FVE-1-1/2-Z 3X4 SAE 60"	109426	<a href="#">Bulletin 10-10</a>
FVE-1-1/2-ZP 3X4 SAE 30"	109543	<a href="#">Bulletin 10-10</a>
FVE-1-1/2-ZP40 3X4 SAE 30"	111962	<a href="#">Bulletin 10-10</a>
FVE-1-C 2X3 SAE 30"	109277	<a href="#">Bulletin 10-10</a>
FVE-1-C 2X4 SAE 30"	109284	<a href="#">Bulletin 10-10</a>
FVE-1-C 2X4 SAE 60"	109286	<a href="#">Bulletin 10-10</a>
FVE-1-C 3X4 SAE 30"	109291	<a href="#">Bulletin 10-10</a>
FVE-1-CP 3X4 SAE 30"	110779	<a href="#">Bulletin 10-10</a>
FVE-1-CP100 2X4 SAE 30"	110524	<a href="#">Bulletin 10-10</a>
FVE-1-CP100 3X4 SAE 30"	110771	<a href="#">Bulletin 10-10</a>
FVE-1-GA 3X4 SAE 30"	111119	<a href="#">Bulletin 10-10</a>
FVE-1-Z 2X4 SAE 30"	109403	<a href="#">Bulletin 10-10</a>
FVE-1-Z 2X4 SAE 60"	109405	<a href="#">Bulletin 10-10</a>
FVE-1-Z 3X4 SAE 30"	109410	<a href="#">Bulletin 10-10</a>
FVE-1-Z 3X4 SAE 60"	109412	<a href="#">Bulletin 10-10</a>
FVE-1-ZP 2X4 SAE 30"	109522	<a href="#">Bulletin 10-10</a>
FVE-1-ZP 3X4 SAE 30"	109529	<a href="#">Bulletin 10-10</a>
FVE-1-ZP40 3X4 SAE 30"	111958	<a href="#">Bulletin 10-10</a>
FVE-1/2-C 2X4 SAE 30"	109242	<a href="#">Bulletin 10-10</a>
FVE-1/2-C 3X4 SAE 30"	109249	<a href="#">Bulletin 10-10</a>
FVE-1/2-CP100 3X4 SAE 60"	111259	<a href="#">Bulletin 10-10</a>
FVE-1/2-GA 3X4 SAE 30"	111241	<a href="#">Bulletin 10-10</a>
FVE-1/2-L1 3X4 SAE 30"	109725	<a href="#">Bulletin 10-10</a>
FVE-1/2-L4 3X4 SAE 30"	110981	<a href="#">Bulletin 10-10</a>
FVE-1/2-Z 2X4 SAE 30"	109361	<a href="#">Bulletin 10-10</a>
FVE-1/2-Z 3X4 SAE 30"	109368	<a href="#">Bulletin 10-10</a>
FVE-1/2-ZP 2X4 SAE 30"	109480	<a href="#">Bulletin 10-10</a>
FVE-1/2-ZP 3X4 SAE 30"	109487	<a href="#">Bulletin 10-10</a>
FVE-1/2-ZP40 2X4 SAE 30"	111944	<a href="#">Bulletin 10-10</a>
FVE-1/3-C 2X4 SAE 30"	110763	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
FVE-1/4-C 2X4 SAE 30"	109233	<a href="#">Bulletin 10-10</a>
FVE-1/4-C 3X4 SAE 30"	109234	<a href="#">Bulletin 10-10</a>
FVE-1/4-Z 2X4 SAE 30"	110596	<a href="#">Bulletin 10-10</a>
FVE-1/4-Z 3X4 SAE 30"	111081	<a href="#">Bulletin 10-10</a>
FVE-1/5-C 2X4 SAE 30"	110498	<a href="#">Bulletin 10-10</a>
FVE-2-C 3X4 SAE 30"	109312	<a href="#">Bulletin 10-10</a>
FVE-2-C 3X4 SAE 60"	109314	<a href="#">Bulletin 10-10</a>
FVE-2-CP100 3X4 SAE 30"	110809	<a href="#">Bulletin 10-10</a>
FVE-2-CP100 3X4 SAE 60"	110291	<a href="#">Bulletin 10-10</a>
FVE-2-GA 3X4 SAE 30"	110598	<a href="#">Bulletin 10-10</a>
FVE-2-Z 3X4 SAE 30"	109431	<a href="#">Bulletin 10-10</a>
FVE-2-Z 3X4 SAE 60"	109433	<a href="#">Bulletin 10-10</a>
FVE-2-ZP 3X4 SAE 30"	109550	<a href="#">Bulletin 10-10</a>
FVE-2-ZP40 3X4 SAE 30"	111964	<a href="#">Bulletin 10-10</a>
FVE-3-C 3X4 SAE 30"	109326	<a href="#">Bulletin 10-10</a>
FVE-3-C 3X4 SAE 60"	109328	<a href="#">Bulletin 10-10</a>
FVE-3-CP100 3X4 SAE 30"	111102	<a href="#">Bulletin 10-10</a>
FVE-3-GA 3X4 SAE 30"	111900	<a href="#">Bulletin 10-10</a>
FVE-3-GA 3X4 SAE 60"	111914	<a href="#">Bulletin 10-10</a>
FVE-3-Z 3X4 SAE 30"	109445	<a href="#">Bulletin 10-10</a>
FVE-3-Z 3X4 SAE 60"	109447	<a href="#">Bulletin 10-10</a>
FVE-3-ZP 3X4 SAE 30"	109564	<a href="#">Bulletin 10-10</a>
FVE-3-ZP40 3X4 SAE 30"	111968	<a href="#">Bulletin 10-10</a>
FVE-5-C 3X4 SAE 30"	109968	<a href="#">Bulletin 10-10</a>
FVE-5-C 3X4 SAE 60"	110568	<a href="#">Bulletin 10-10</a>
FVE-5-CP100 3X4 SAE 30"	110157	<a href="#">Bulletin 10-10</a>
FVE-5-CP100 3X4 SAE 60"	110251	<a href="#">Bulletin 10-10</a>
FVE-5-GA 3X4 SAE 30"	110304	<a href="#">Bulletin 10-10</a>
FVE-5-GA 3X4 SAE 60"	110990	<a href="#">Bulletin 10-10</a>
FVE-5-Z 3X4 SAE 30"	109969	<a href="#">Bulletin 10-10</a>
FVE-5-Z 3X4 SAE 60"	110186	<a href="#">Bulletin 10-10</a>

## TYPE M

DESCRIPTION	ITEM #	BULLETIN
MJE-13-C LESS CONN 5'	120792	<a href="#">Bulletin 10-10</a>
MJE-13-CP60 LESS CONN 5'	120691	<a href="#">Bulletin 10-10</a>
MJE-15-C LESS CONN 10'	121908	<a href="#">Bulletin 10-10</a>
MJE-15-C LESS CONN 5'	121900	<a href="#">Bulletin 10-10</a>
MJE-15-CP60 LESS CONN 5'	121903	<a href="#">Bulletin 10-10</a>
MJE-15-CP60 LESS CONN 10'	121920	<a href="#">Bulletin 10-10</a>
MJE-20-C LESS CONN 5'	120568	<a href="#">Bulletin 10-10</a>
MJE-20-CP60 LESS CONN 5'	120744	<a href="#">Bulletin 10-10</a>
MJE-25-CP60 LESS CONN 5'	120622	<a href="#">Bulletin 10-10</a>
MPE-15-C LESS CONN 5'	120511	<a href="#">Bulletin 10-10</a>
MPE-15-C 8X8SKTWLDX1FPT 10'	121549	<a href="#">Bulletin 10-10</a>
MPE-20-C LESS CONN 5'	121769	<a href="#">Bulletin 10-10</a>
MPE-20-Z LESS CONN 5'	120483	<a href="#">Bulletin 10-10</a>
MPE-25-C LESS CONN 10'	121933	<a href="#">Bulletin 10-10</a>
MPE-25-C LESS CONN 5'	120498	<a href="#">Bulletin 10-10</a>
MPE-25-Z LESS CONN 5'	120484	<a href="#">Bulletin 10-10</a>
MSE-15-C LESS CONN 5'	121540	<a href="#">Bulletin 10-10</a>
MSE-20-C LESS CONN 5'	121530	<a href="#">Bulletin 10-10</a>
MSE-20-CP115 LESS CONN 5'	121547	<a href="#">Bulletin 10-10</a>
MSE-25-C LESS CONN 5'	121560	<a href="#">Bulletin 10-10</a>
MSE-25-Z LESS CONN 5'	121650	<a href="#">Bulletin 10-10</a>
MSE-30-C LESS CONN 5'	121931	<a href="#">Bulletin 10-10</a>
MSE-30-ZP LESS CONN 5'	121706	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
MVE-18-CP100 LESS CONN 5'	120495	<a href="#">Bulletin 10-10</a>
MVE-18-GA LESS CONN 5'	120508	<a href="#">Bulletin 10-10</a>
MVE-21-C LESS CONN 5'	120689	<a href="#">Bulletin 10-10</a>
MVE-21-CP100 LESS CONN 5'	120570	<a href="#">Bulletin 10-10</a>
MVE-21-GA LESS CONN 10'	120497	<a href="#">Bulletin 10-10</a>
MVE-21-GA LESS CONN 5'	120451	<a href="#">Bulletin 10-10</a>
MVE-21-Z LESS CONN 5'	120808	<a href="#">Bulletin 10-10</a>
MVE-26-C LESS CONN 5'	120717	<a href="#">Bulletin 10-10</a>
MVE-26-CP100 LESS CONN 5'	120598	<a href="#">Bulletin 10-10</a>
MVE-26-GA LESS CONN 5'	120479	<a href="#">Bulletin 10-10</a>
MVE-26-Z LESS CONN 5'	120836	<a href="#">Bulletin 10-10</a>
MVE-26-ZP LESS CONN 5'	120955	<a href="#">Bulletin 10-10</a>
MVE-34-C LESS CONN 5'	120745	<a href="#">Bulletin 10-10</a>
MVE-34-CP100 LESS CONN 5'	120626	<a href="#">Bulletin 10-10</a>
MVE-34-GA LESS CONN 5'	120507	<a href="#">Bulletin 10-10</a>
MVE-34-Z LESS CONN 5'	120864	<a href="#">Bulletin 10-10</a>
MVE-34-ZP LESS CONN 5'	120983	<a href="#">Bulletin 10-10</a>
MVE-42-C LESS CONN 10'	120706	<a href="#">Bulletin 10-10</a>
MVE-42-C LESS CONN 5'	120773	<a href="#">Bulletin 10-10</a>
MVE-42-CP100 LESS CONN 5'	120654	<a href="#">Bulletin 10-10</a>
MVE-42-GA LESS CONN 10'	120513	<a href="#">Bulletin 10-10</a>
MVE-42-GA LESS CONN 5'	120535	<a href="#">Bulletin 10-10</a>
MVE-42-Z LESS CONN 5'	120892	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE O

DESCRIPTION	ITEM #	BULLETIN
OJE-6-C 7X9 ODF 5'	124834	<a href="#">Bulletin 10-10</a>
OJE-6-CP60 7X9 ODF 5'	125331	<a href="#">Bulletin 10-10</a>
OJE-6-CP60 7X9 ODF 10'	125355	<a href="#">Bulletin 10-10</a>
OJE-9-C 7X9 ODF 10'	125548	<a href="#">Bulletin 10-10</a>
OJE-9-C 7X9 ODF 5'	124208	<a href="#">Bulletin 10-10</a>
OJE-9-C 7X11 ODF 5'	125561	<a href="#">Bulletin 10-10</a>
OJE-9-CP60 7X9 ODF 5'	125524	<a href="#">Bulletin 10-10</a>
OJE-9-CP60 7X11 ODF 5'	125537	<a href="#">Bulletin 10-10</a>
OJE-9-CP60-B15 7X9 ODF 5'	125505	<a href="#">Bulletin 10-10</a>
OJE-9-ZP 7X9 ODF 5'	124924	<a href="#">Bulletin 10-10</a>
OJE-12-C 7X9 ODF 10'	125518	<a href="#">Bulletin 10-10</a>
OJE-12-C 7X9 ODF 5'	125538	<a href="#">Bulletin 10-10</a>
OJE-12-C 7X11 ODF 10'	125517	<a href="#">Bulletin 10-10</a>
OJE-12-C 7X11 ODF 5'	125519	<a href="#">Bulletin 10-10</a>
OJE-12-C 9X11 ODF 5'	125584	<a href="#">Bulletin 10-10</a>
OJE-12-CP60 7X9 ODF 5'	125260	<a href="#">Bulletin 10-10</a>
OJE-12-CP60 7X9 ODF 10'	125553	<a href="#">Bulletin 10-10</a>
OJE-12-CP60 7X11 ODF 10'	125299	<a href="#">Bulletin 10-10</a>
OJE-12-CP60 7X11 ODF 5'	124212	<a href="#">Bulletin 10-10</a>
OJE-12-CP60 9X11 ODF 5'	124180	<a href="#">Bulletin 10-10</a>
OJE-12-ZP 7X9 ODF 5'	124843	<a href="#">Bulletin 10-10</a>
OJE-16-C 7X9 ODF 5'	125551	<a href="#">Bulletin 10-10</a>
OJE-16-C 7X11 ODF 5'	125523	<a href="#">Bulletin 10-10</a>
OJE-16-C 9X11 ODF 10'	125556	<a href="#">Bulletin 10-10</a>
OJE-16-C 9X11 ODF 5'	124209	<a href="#">Bulletin 10-10</a>
OJE-16-C 9X13 ODF 5'	168983	<a href="#">Bulletin 10-10</a>
OJE-16-CP60 7X11 ODF 5'	125568	<a href="#">Bulletin 10-10</a>
OJE-16-CP60 7X9 ODF 5'	125531	<a href="#">Bulletin 10-10</a>
OJE-16-CP60 9X11 ODF 10'	125545	<a href="#">Bulletin 10-10</a>
OJE-16-CP60 9X11 ODF 5'	125527	<a href="#">Bulletin 10-10</a>
OJE-23-C 9X11 ODF 10'	125362	<a href="#">Bulletin 10-10</a>
OJE-23-C 9X11 ODF 5'	124859	<a href="#">Bulletin 10-10</a>
OJE-23-C 9X13 ODF 5'	124638	<a href="#">Bulletin 10-10</a>
OJE-23-CP60 7X9 ODF 5'	124901	<a href="#">Bulletin 10-10</a>
OJE-23-CP60 7X11 ODF 5'	125219	<a href="#">Bulletin 10-10</a>
OJE-23-CP60 9X11 ODF 10'	124648	<a href="#">Bulletin 10-10</a>
OJE-23-CP60 9X11 ODF 5'	124647	<a href="#">Bulletin 10-10</a>
OJE-23-CP60 9X13 ODF 5'	124805	<a href="#">Bulletin 10-10</a>
OJE-32-C 9X11 ODF 10'	125566	<a href="#">Bulletin 10-10</a>
OJE-32-C 9X11 ODF 5'	124701	<a href="#">Bulletin 10-10</a>
OJE-32-CP60 7X9 ODF 5'	125565	<a href="#">Bulletin 10-10</a>
OJE-32-CP60 9X11 ODF 10'	124661	<a href="#">Bulletin 10-10</a>
OJE-32-CP60 9X11 ODF 5'	124652	<a href="#">Bulletin 10-10</a>
OJE-32-CP60 9X13 ODF 10'	124876	<a href="#">Bulletin 10-10</a>
OJE-32-CP60 9X13 ODF 5'	124875	<a href="#">Bulletin 10-10</a>
OJE-40-C 9X11 ODF 10'	125559	<a href="#">Bulletin 10-10</a>
OJE-40-C 9X11 ODF 5'	125528	<a href="#">Bulletin 10-10</a>
OJE-40-C 9X13 ODF 5'	124320	<a href="#">Bulletin 10-10</a>
OJE-40-CP60 9X11 ODF 10'	124720	<a href="#">Bulletin 10-10</a>
OJE-40-CP60 9X11 ODF 5'	124631	<a href="#">Bulletin 10-10</a>
OJE-40-CP60 9X13 ODF 5'	125411	<a href="#">Bulletin 10-10</a>
ONE-10-CP100 7X9 ODF 10'	125253	<a href="#">Bulletin 10-10</a>
ONE-15-C 7X9 ODF 5'	125622	<a href="#">Bulletin 10-10</a>
ONE-15-CP100 7X9 ODF 10'	125604	<a href="#">Bulletin 10-10</a>
ONE-15-CP100 7X9 ODF 5'	125613	<a href="#">Bulletin 10-10</a>
ONE-15-GA 7X9 ODF 5'	125340	<a href="#">Bulletin 10-10</a>
ONE-15-GA 7X11 ODF 5'	125345	<a href="#">Bulletin 10-10</a>
ONE-15-GA-B15 7X9 ODF 5'	125450	<a href="#">Bulletin 10-10</a>
ONE-20-C 7X9 ODF 5'	125633	<a href="#">Bulletin 10-10</a>
ONE-20-C 7X11 ODF 5'	125620	<a href="#">Bulletin 10-10</a>
ONE-20-CP100 7X9 ODF 5'	125618	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
ONE-20-CP100 7X11 ODF 10'	125619	<a href="#">Bulletin 10-10</a>
ONE-20-CP100 7X11 ODF 5'	125624	<a href="#">Bulletin 10-10</a>
ONE-20-CP100 9X11 ODF 5'	125663	<a href="#">Bulletin 10-10</a>
ONE-20-GA 7X11 ODF 5'	125639	<a href="#">Bulletin 10-10</a>
ONE-20-GA 9X11 ODF 5'	125645	<a href="#">Bulletin 10-10</a>
ONE-30-C 9X11 ODF 5'	125637	<a href="#">Bulletin 10-10</a>
ONE-30-CP100 7X9 ODF 5'	124953	<a href="#">Bulletin 10-10</a>
ONE-30-CP100 7X11 ODF 5'	125324	<a href="#">Bulletin 10-10</a>
ONE-30-CP100 9X11 ODF 10'	124907	<a href="#">Bulletin 10-10</a>
ONE-30-CP100 9X11 ODF 5'	125064	<a href="#">Bulletin 10-10</a>
ONE-30-GA 9X11 ODF 5'	125641	<a href="#">Bulletin 10-10</a>
ONE-30-GA 9X13 ODF 5'	125653	<a href="#">Bulletin 10-10</a>
ONE-40-C 9X11 ODF 5'	125626	<a href="#">Bulletin 10-10</a>
ONE-40-CP100 9X11 ODF 10'	125611	<a href="#">Bulletin 10-10</a>
ONE-40-CP100 9X11 ODF 5'	125606	<a href="#">Bulletin 10-10</a>
ONE-40-GA 9X11 ODF 5'	125665	<a href="#">Bulletin 10-10</a>
ONE-55-C 9X11 ODF 5'	125099	<a href="#">Bulletin 10-10</a>
ONE-55-CP100 9X11 ODF 10'	125119	<a href="#">Bulletin 10-10</a>
ONE-55-CP100 9X11 ODF 5'	124920	<a href="#">Bulletin 10-10</a>
ONE-70-CP100 9X11 ODF 5'	125259	<a href="#">Bulletin 10-10</a>
ONE-70-CP100 9X11 ODF 10'	125591	<a href="#">Bulletin 10-10</a>
OPE-6-C 7X9 ODF 5'	124113	<a href="#">Bulletin 10-10</a>
OPE-6-Z 5X7 ODF 5'	124155	<a href="#">Bulletin 10-10</a>
OPE-6-Z 7X9 ODF 5'	124114	<a href="#">Bulletin 10-10</a>
OPE-6-ZP 5X9 ODF 5'	124101	<a href="#">Bulletin 10-10</a>
OPE-9-C 7X9 ODF 10'	125571	<a href="#">Bulletin 10-10</a>
OPE-9-C 7X9 ODF 5'	125514	<a href="#">Bulletin 10-10</a>
OPE-9-C 7X11 ODF 5'	125285	<a href="#">Bulletin 10-10</a>
OPE-9-CP115 7X9 ODF 5'	124140	<a href="#">Bulletin 10-10</a>
OPE-9-Z 7X9 ODF 5'	124132	<a href="#">Bulletin 10-10</a>
OPE-9-ZP 7X9 ODF 5'	124152	<a href="#">Bulletin 10-10</a>
OPE-12-C 7X9 ODF 5'	124134	<a href="#">Bulletin 10-10</a>
OPE-12-C 9X9 ODF 5'	125581	<a href="#">Bulletin 10-10</a>
OPE-12-C 7X11 ODF 5'	124675	<a href="#">Bulletin 10-10</a>
OPE-12-CP115 7X9 ODF 5'	124188	<a href="#">Bulletin 10-10</a>
OPE-12-CP115 7X11 ODF 5'	124187	<a href="#">Bulletin 10-10</a>
OPE-12-Z 9X11 ODF 5'	125289	<a href="#">Bulletin 10-10</a>
OPE-12-Z 9X11 ODF 10'	125393	<a href="#">Bulletin 10-10</a>
OPE-12-Z 7X11 ODF 5'	124265	<a href="#">Bulletin 10-10</a>
OPE-12-Z 7X9 ODF 5'	125358	<a href="#">Bulletin 10-10</a>
OPE-12-Z 7X9 ODF 10'	168926	<a href="#">Bulletin 10-10</a>
OPE-12-ZP 7X11 ODF 5'	124111	<a href="#">Bulletin 10-10</a>
OPE-12-ZP 9X11 ODF 5'	124196	<a href="#">Bulletin 10-10</a>
OPE-21-C 9X9 ODF 5'	125279	<a href="#">Bulletin 10-10</a>
OPE-21-C 7X11 ODF 5'	125228	<a href="#">Bulletin 10-10</a>
OPE-21-C 9X11 ODF 10'	124179	<a href="#">Bulletin 10-10</a>
OPE-21-C 9X11 ODF 5'	124108	<a href="#">Bulletin 10-10</a>
OPE-21-CP115 9X11 ODF 5'	124921	<a href="#">Bulletin 10-10</a>
OPE-21-Z 7X11 ODF 5'	124166	<a href="#">Bulletin 10-10</a>
OPE-21-Z 9X11 ODF 10'	125414	<a href="#">Bulletin 10-10</a>
OPE-21-Z 9X11 ODF 5'	124323	<a href="#">Bulletin 10-10</a>
OPE-21-ZP 7X9 ODF 5'	125421	<a href="#">Bulletin 10-10</a>
OPE-21-ZP 9X11 ODF 5'	124122	<a href="#">Bulletin 10-10</a>
OPE-30-C 9X9 ODF 5'	125582	<a href="#">Bulletin 10-10</a>
OPE-30-C 9X11 ODF 5'	124278	<a href="#">Bulletin 10-10</a>
OPE-30-C 9X13 ODF 5'	124277	<a href="#">Bulletin 10-10</a>
OPE-30-CP115 9X11 ODF 5'	125261	<a href="#">Bulletin 10-10</a>
OPE-30-Z 9X11 ODF 5'	124177	<a href="#">Bulletin 10-10</a>
OPE-30-ZP 9X11 ODF 5'	124121	<a href="#">Bulletin 10-10</a>
OPE-30-ZP 9X13 ODF 5'	124175	<a href="#">Bulletin 10-10</a>
OPE-35-C 9X11 ODF 10'	125251	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE O

DESCRIPTION	ITEM #	BULLETIN
OPE-35-C 9X11 ODF 5'	124364	<a href="#">Bulletin 10-10</a>
OPE-35-CP115 9X11 ODF 5'	125373	<a href="#">Bulletin 10-10</a>
OPE-35-ZP 9X11 ODF 5'	124927	<a href="#">Bulletin 10-10</a>
OPE-45-C 9X11 ODF 10'	125576	<a href="#">Bulletin 10-10</a>
OPE-45-C 9X11 ODF 5'	125544	<a href="#">Bulletin 10-10</a>
OPE-45-Z 9X11 ODF 5'	124128	<a href="#">Bulletin 10-10</a>
OPE-45-ZP 9X11 ODF 5'	125256	<a href="#">Bulletin 10-10</a>
OSE-6-C 5X7 ODF 5'	124337	<a href="#">Bulletin 10-10</a>
OSE-6-C 7X9 ODF 5'	124124	<a href="#">Bulletin 10-10</a>
OSE-6-CP115 7X9 ODF 5'	124193	<a href="#">Bulletin 10-10</a>
OSE-6-Z 7X9 ODF 5'	125327	<a href="#">Bulletin 10-10</a>
OSE-6-Z 7X11 ODF 5'	125394	<a href="#">Bulletin 10-10</a>
OSE-6-ZP 5X7 ODF 5'	124336	<a href="#">Bulletin 10-10</a>
OSE-6-ZP 7X9 ODF 5'	124679	<a href="#">Bulletin 10-10</a>
OSE-6-ZP 7X11 ODF 5'	125133	<a href="#">Bulletin 10-10</a>
OSE-9-C 7X9 ODF 10'	125007	<a href="#">Bulletin 10-10</a>
OSE-9-C 7X9 ODF 5'	124213	<a href="#">Bulletin 10-10</a>
OSE-9-C 7X11 ODF 5'	124321	<a href="#">Bulletin 10-10</a>
OSE-9-C 9X11 ODF 5'	129296	<a href="#">Bulletin 10-10</a>
OSE-9-CP115 7X9 ODF 5'	124322	<a href="#">Bulletin 10-10</a>
OSE-9-CP115 7X11 ODF 5'	124181	<a href="#">Bulletin 10-10</a>
OSE-9-Z 7X9 ODF 10'	125215	<a href="#">Bulletin 10-10</a>
OSE-9-Z 7X9 ODF 5'	124216	<a href="#">Bulletin 10-10</a>
OSE-9-Z 7X11 ODF 5'	124137	<a href="#">Bulletin 10-10</a>
OSE-9-ZP 7X9 ODF 5'	124224	<a href="#">Bulletin 10-10</a>
OSE-9-ZP 7X11 ODF 5'	124677	<a href="#">Bulletin 10-10</a>
OSE-9-ZP35 7X9 ODF 5'	125217	<a href="#">Bulletin 10-10</a>
OSE-9-ZP40 7X9 ODF 5'	124693	<a href="#">Bulletin 10-10</a>
OSE-12-C 7X9 ODF 5'	124129	<a href="#">Bulletin 10-10</a>
OSE-12-C 7X11 ODF 10'	124952	<a href="#">Bulletin 10-10</a>
OSE-12-C 7X11 ODF 5'	124214	<a href="#">Bulletin 10-10</a>
OSE-12-CP115 7X9 ODF 5'	124991	<a href="#">Bulletin 10-10</a>
OSE-12-CP115 7X11 ODF 5'	124333	<a href="#">Bulletin 10-10</a>
OSE-12-Z 7X9 ODF 5'	124332	<a href="#">Bulletin 10-10</a>
OSE-12-Z 7X11 ODF 10'	125216	<a href="#">Bulletin 10-10</a>
OSE-12-Z 7X11 ODF 5'	124217	<a href="#">Bulletin 10-10</a>
OSE-12-Z 9X11 ODF 5'	125480	<a href="#">Bulletin 10-10</a>
OSE-12-ZP 7X9 ODF 5'	124109	<a href="#">Bulletin 10-10</a>
OSE-12-ZP 9X9 ODF 5'	124990	<a href="#">Bulletin 10-10</a>
OSE-12-ZP 7X11 ODF 10'	125284	<a href="#">Bulletin 10-10</a>
OSE-12-ZP 7X11 ODF 5'	124225	<a href="#">Bulletin 10-10</a>
OSE-12-ZP 9X11 ODF 10'	125341	<a href="#">Bulletin 10-10</a>
OSE-21-C 7X9 ODF 5'	124138	<a href="#">Bulletin 10-10</a>
OSE-21-C 7X11 ODF 5'	125163	<a href="#">Bulletin 10-10</a>
OSE-21-C 9X11 ODF 10'	124918	<a href="#">Bulletin 10-10</a>
OSE-21-C 9X11 ODF 5'	124215	<a href="#">Bulletin 10-10</a>
OSE-21-CP115 9X9 ODF 5'	125320	<a href="#">Bulletin 10-10</a>
OSE-21-CP115 7X11 ODF 5'	124349	<a href="#">Bulletin 10-10</a>
OSE-21-CP115 9X11 ODF 5'	124163	<a href="#">Bulletin 10-10</a>
OSE-21-Z 7X9 ODF 5'	124157	<a href="#">Bulletin 10-10</a>
OSE-21-Z 7X11 ODF 5'	125177	<a href="#">Bulletin 10-10</a>
OSE-21-Z 9X11 ODF 5'	124218	<a href="#">Bulletin 10-10</a>
OSE-21-ZP 7X11 ODF 5'	124348	<a href="#">Bulletin 10-10</a>
OSE-21-ZP 9X11 ODF 10'	125203	<a href="#">Bulletin 10-10</a>
OSE-21-ZP 9X11 ODF 5'	124231	<a href="#">Bulletin 10-10</a>
OSE-30-C 9X9 ODF 5'	125135	<a href="#">Bulletin 10-10</a>
OSE-30-C 9X11 ODF 10'	124944	<a href="#">Bulletin 10-10</a>
OSE-30-C 9X11 ODF 5'	124819	<a href="#">Bulletin 10-10</a>
OSE-30-C 9X13 ODF 5'	125309	<a href="#">Bulletin 10-10</a>
OSE-30-CP115 9X11 ODF 5'	124350	<a href="#">Bulletin 10-10</a>
OSE-30-CP115 9X13 ODF 5'	124198	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
OSE-30-Z 9X11 ODF 5'	124908	<a href="#">Bulletin 10-10</a>
OSE-30-Z 9X13 ODF 5'	124960	<a href="#">Bulletin 10-10</a>
OSE-30-ZP 9X11 ODF 5'	124750	<a href="#">Bulletin 10-10</a>
OSE-30-ZP 9X13 ODF 5'	125149	<a href="#">Bulletin 10-10</a>
OSE-35-C 9X11 ODF 5'	124156	<a href="#">Bulletin 10-10</a>
OSE-35-C 9X13X2 ODF 10'	124199	<a href="#">Bulletin 10-10</a>
OSE-35-CP115 9X11 ODF 5'	124721	<a href="#">Bulletin 10-10</a>
OSE-35-Z 9X11 ODF 5'	124351	<a href="#">Bulletin 10-10</a>
OSE-35-ZP 9X11 ODF 5'	124145	<a href="#">Bulletin 10-10</a>
OSE-45-C 9X11 ODF 10'	124917	<a href="#">Bulletin 10-10</a>
OSE-45-C 9X11 ODF 5'	124127	<a href="#">Bulletin 10-10</a>
OSE-45-C 9X13 ODF 5'	125307	<a href="#">Bulletin 10-10</a>
OSE-45-CP115 9X11 ODF 10'	125243	<a href="#">Bulletin 10-10</a>
OSE-45-CP115 9X11 ODF 5'	125191	<a href="#">Bulletin 10-10</a>
OSE-45-Z 9X11 ODF 5'	125144	<a href="#">Bulletin 10-10</a>
OSE-45-ZP 9X11 ODF 5'	124153	<a href="#">Bulletin 10-10</a>
OSE-45-ZP 9X13 ODF 5'	124150	<a href="#">Bulletin 10-10</a>
OVE-10-C 5X7 ODF 5'	124359	<a href="#">Bulletin 10-10</a>
OVE-10-C 7X9 ODF 5'	124362	<a href="#">Bulletin 10-10</a>
OVE-10-C 7X11 ODF 5'	124363	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 5X7 ODF 10'	124102	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 5X7 ODF 20'	124164	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 5X7 ODF 5'	124289	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 5X9 ODF 5'	124290	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 7X9 ODF 5'	124292	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 5X11 ODF 5'	124291	<a href="#">Bulletin 10-10</a>
OVE-10-CP100 7X11 ODF 5'	124293	<a href="#">Bulletin 10-10</a>
OVE-10-GA 5X7 ODF 5'	124219	<a href="#">Bulletin 10-10</a>
OVE-10-GA 7X9 ODF 5'	124222	<a href="#">Bulletin 10-10</a>
OVE-10-GA 7X11 ODF 5'	124223	<a href="#">Bulletin 10-10</a>
OVE-10-ZP 7X11 ODF 5'	124503	<a href="#">Bulletin 10-10</a>
OVE-10-ZP40 7X9 ODF 5'	124731	<a href="#">Bulletin 10-10</a>
OVE-15-C 7X9 ODF 10'	124266	<a href="#">Bulletin 10-10</a>
OVE-15-C 7X9 ODF 5'	124366	<a href="#">Bulletin 10-10</a>
OVE-15-C 7X11 ODF 5'	124370	<a href="#">Bulletin 10-10</a>
OVE-15-CP100 7X9 ODF 10'	124416	<a href="#">Bulletin 10-10</a>
OVE-15-CP100 7X9 ODF 5'	124296	<a href="#">Bulletin 10-10</a>
OVE-15-CP100 7X11 ODF 5'	124300	<a href="#">Bulletin 10-10</a>
OVE-15-CP100 9X11 ODF 5'	124873	<a href="#">Bulletin 10-10</a>
OVE-15-CP85 7X9 ODF 5'	124418	<a href="#">Bulletin 10-10</a>
OVE-15-GA 7X9 ODF 10'	124441	<a href="#">Bulletin 10-10</a>
OVE-15-GA 7X9 ODF 5'	124226	<a href="#">Bulletin 10-10</a>
OVE-15-GA 7X11 ODF 5'	124230	<a href="#">Bulletin 10-10</a>
OVE-15-GA 9X11 ODF 5'	124442	<a href="#">Bulletin 10-10</a>
OVE-15-GA 7X9DFX2SAE 5'	124764	<a href="#">Bulletin 10-10</a>
OVE-15-Z 7X9 ODF 10'	125100	<a href="#">Bulletin 10-10</a>
OVE-15-Z 7X9 ODF 5'	124436	<a href="#">Bulletin 10-10</a>
OVE-15-Z 7X11 ODF 5'	124440	<a href="#">Bulletin 10-10</a>
OVE-15-ZP 7X9 ODF 5'	124506	<a href="#">Bulletin 10-10</a>
OVE-15-ZP 7X11 ODF 5'	124510	<a href="#">Bulletin 10-10</a>
OVE-15-ZP40 7X9 ODF 5'	124458	<a href="#">Bulletin 10-10</a>
OVE-20-C 7X9 ODF 5'	124378	<a href="#">Bulletin 10-10</a>
OVE-20-C 7X11 ODF 10'	124461	<a href="#">Bulletin 10-10</a>
OVE-20-C 7X11 ODF 5'	124373	<a href="#">Bulletin 10-10</a>
OVE-20-C 9X11 ODF 5'	124929	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 7X7 ODF 5'	124307	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 7X9 ODF 5'	124308	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 7X11 ODF 10'	124476	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 7X11 ODF 20'	124142	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 7X11 ODF 5'	124303	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 9X11 ODF 10'	124889	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE O

DESCRIPTION	ITEM #	BULLETIN
OVE-20-CP100 9X11 ODF 5'	124477	<a href="#">Bulletin 10-10</a>
OVE-20-CP100 9X13 ODF 5'	125359	<a href="#">Bulletin 10-10</a>
OVE-20-CP85 7X11 ODF 5'	124487	<a href="#">Bulletin 10-10</a>
OVE-20-GA 7X9 ODF 10'	124906	<a href="#">Bulletin 10-10</a>
OVE-20-GA 7X9 ODF 5'	124238	<a href="#">Bulletin 10-10</a>
OVE-20-GA 7X11 ODF 10'	124505	<a href="#">Bulletin 10-10</a>
OVE-20-GA 7X11 ODF 5'	124233	<a href="#">Bulletin 10-10</a>
OVE-20-GA 9X11 ODF 5'	124512	<a href="#">Bulletin 10-10</a>
OVE-20-N 7X11 ODF 5'	125660	<a href="#">Bulletin 10-10</a>
OVE-20-Z 7X11 ODF 10'	125118	<a href="#">Bulletin 10-10</a>
OVE-20-Z 7X11 ODF 5'	124443	<a href="#">Bulletin 10-10</a>
OVE-20-Z 9X11 ODF 5'	125282	<a href="#">Bulletin 10-10</a>
OVE-20-ZP 7X11 ODF 5'	124513	<a href="#">Bulletin 10-10</a>
OVE-20-ZP40 7X9 ODF 5'	125131	<a href="#">Bulletin 10-10</a>
OVE-20-ZP40 7X11 ODF 5'	124770	<a href="#">Bulletin 10-10</a>
OVE-30-C 7X9 ODF 5'	124384	<a href="#">Bulletin 10-10</a>
OVE-30-C 9X9 ODF 5'	124386	<a href="#">Bulletin 10-10</a>
OVE-30-C 7X11 ODF 5'	124385	<a href="#">Bulletin 10-10</a>
OVE-30-C 9X11 ODF 10'	124530	<a href="#">Bulletin 10-10</a>
OVE-30-C 9X11 ODF 20'	124184	<a href="#">Bulletin 10-10</a>
OVE-30-C 9X11 ODF 5'	124380	<a href="#">Bulletin 10-10</a>
OVE-30-C 9X13 ODF 5'	125240	<a href="#">Bulletin 10-10</a>
OVE-30-CP100 7X7 ODF 5'	125495	<a href="#">Bulletin 10-10</a>
OVE-30-CP100 7X9 ODF 5'	124314	<a href="#">Bulletin 10-10</a>
OVE-30-CP100 7X11 ODF 10'	124806	<a href="#">Bulletin 10-10</a>
OVE-30-CP100 7X11 ODF 5'	124315	<a href="#">Bulletin 10-10</a>
OVE-30-CP100 9X11 ODF 10'	124540	<a href="#">Bulletin 10-10</a>
OVE-30-CP100 9X11 ODF 5'	124310	<a href="#">Bulletin 10-10</a>
OVE-30-CP85 9X11 ODF 5'	124544	<a href="#">Bulletin 10-10</a>
OVE-30-GA 7X9 ODF 5'	124244	<a href="#">Bulletin 10-10</a>
OVE-30-GA 7X11 ODF 5'	124245	<a href="#">Bulletin 10-10</a>
OVE-30-GA 9X11 ODF 10'	124557	<a href="#">Bulletin 10-10</a>
OVE-30-GA 9X11 ODF 20'	124745	<a href="#">Bulletin 10-10</a>
OVE-30-GA 9X11 ODF 5'	124240	<a href="#">Bulletin 10-10</a>
OVE-30-GA 9X13 ODF 5'	125232	<a href="#">Bulletin 10-10</a>
OVE-30-N 9X11 ODF 10'	125675	<a href="#">Bulletin 10-10</a>
OVE-30-N 9X11 ODF 5'	125674	<a href="#">Bulletin 10-10</a>
OVE-30-Z 7X9 ODF 5'	124316	<a href="#">Bulletin 10-10</a>
OVE-30-Z 9X11 ODF 10'	124858	<a href="#">Bulletin 10-10</a>
OVE-30-Z 9X11 ODF 5'	124450	<a href="#">Bulletin 10-10</a>
OVE-30-ZP 9X11 ODF 5'	124520	<a href="#">Bulletin 10-10</a>
OVE-30-ZP40 9X11 ODF 5'	124676	<a href="#">Bulletin 10-10</a>
OVE-40-C 7X9 ODF 10'	124185	<a href="#">Bulletin 10-10</a>
OVE-40-C 9X11 ODF 10'	124572	<a href="#">Bulletin 10-10</a>
OVE-40-C 9X11 ODF 5'	124387	<a href="#">Bulletin 10-10</a>
OVE-40-C 9X13 ODF 10'	125148	<a href="#">Bulletin 10-10</a>
OVE-40-C 9X13 ODF 5'	124394	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 7X9 ODF 5'	124325	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 9X9 ODF 30'	124004	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 7X11 ODF 5'	124326	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 9X11 ODF 10'	124103	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 9X11 ODF 20'	124143	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 9X11 ODF 5'	124317	<a href="#">Bulletin 10-10</a>
OVE-40-CP100 9X13 ODF 5'	124324	<a href="#">Bulletin 10-10</a>
OVE-40-GA 9X9 ODF 5'	124258	<a href="#">Bulletin 10-10</a>
OVE-40-GA 7X11 ODF 5'	124256	<a href="#">Bulletin 10-10</a>
OVE-40-GA 9X11 ODF 10'	124580	<a href="#">Bulletin 10-10</a>
OVE-40-GA 9X11 ODF 5'	124247	<a href="#">Bulletin 10-10</a>
OVE-40-GA 9X13 ODF 5'	124254	<a href="#">Bulletin 10-10</a>
OVE-40-N 9X11 ODF 5'	125684	<a href="#">Bulletin 10-10</a>
OVE-40-Z 7X9 ODF 5'	124318	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
OVE-40-Z 9X11 ODF 5'	124457	<a href="#">Bulletin 10-10</a>
OVE-40-ZP 9X11 ODF 5'	124527	<a href="#">Bulletin 10-10</a>
OVE-40-ZP40 9X11 ODF 5'	124141	<a href="#">Bulletin 10-10</a>
OVE-55-C 9X11 ODF 10'	124144	<a href="#">Bulletin 10-10</a>
OVE-55-C 9X11 ODF 20'	124191	<a href="#">Bulletin 10-10</a>
OVE-55-C 9X11 ODF 5'	124401	<a href="#">Bulletin 10-10</a>
OVE-55-C 9X13 ODF 5'	124408	<a href="#">Bulletin 10-10</a>
OVE-55-CP100 7X9 ODF 10'	125370	<a href="#">Bulletin 10-10</a>
OVE-55-CP100 7X9 ODF 5'	124339	<a href="#">Bulletin 10-10</a>
OVE-55-CP100 9X11 ODF 10'	124586	<a href="#">Bulletin 10-10</a>
OVE-55-CP100 9X11 ODF 5'	124331	<a href="#">Bulletin 10-10</a>
OVE-55-CP100 9X13 ODF 5'	124338	<a href="#">Bulletin 10-10</a>
OVE-55-GA 9X11 ODF 10'	124130	<a href="#">Bulletin 10-10</a>
OVE-55-GA 9X11 ODF 20'	125357	<a href="#">Bulletin 10-10</a>
OVE-55-GA 9X11 ODF 5'	124261	<a href="#">Bulletin 10-10</a>
OVE-55-GA 9X13 ODF 5'	124268	<a href="#">Bulletin 10-10</a>
OVE-55-Z 9X11 ODF 5'	124471	<a href="#">Bulletin 10-10</a>
OVE-55-ZP 9X11 ODF 5'	124541	<a href="#">Bulletin 10-10</a>
OVE-70-C 9X11 ODF 10'	124803	<a href="#">Bulletin 10-10</a>
OVE-70-C 9X11 ODF 5'	124415	<a href="#">Bulletin 10-10</a>
OVE-70-C 9X13 ODF 5'	124422	<a href="#">Bulletin 10-10</a>
OVE-70-CP100 9X11 ODF 10'	124107	<a href="#">Bulletin 10-10</a>
OVE-70-CP100 9X11 ODF 20'	124168	<a href="#">Bulletin 10-10</a>
OVE-70-CP100 9X11 ODF 5'	124345	<a href="#">Bulletin 10-10</a>
OVE-70-CP100 9X13 ODF 5'	124352	<a href="#">Bulletin 10-10</a>
OVE-70-CP100 11X11 ODF 20'	124194	<a href="#">Bulletin 10-10</a>
OVE-70-GA 9X11 ODF 10'	124162	<a href="#">Bulletin 10-10</a>
OVE-70-GA 9X11 ODF 20'	124139	<a href="#">Bulletin 10-10</a>
OVE-70-GA 9X11 ODF 5'	124275	<a href="#">Bulletin 10-10</a>
OVE-70-GA 9X13 ODF 5'	124282	<a href="#">Bulletin 10-10</a>
OVE-70-Z 9X11 ODF 5'	124485	<a href="#">Bulletin 10-10</a>
OVE-90-CP100 9X11 ODF 5'	159578	<a href="#">Bulletin 10-10</a>
OVE-90-GA 9X11 ODF 5'	159471	<a href="#">Bulletin 10-10</a>
OVE-90-N 11X11 ODF 5'	159501	<a href="#">Bulletin 10-10</a>
OVE-90-N 11X13 ODF 5'	159511	<a href="#">Bulletin 10-10</a>
OVEB-15-CP100 5X7 ODF 5'	125473	<a href="#">Bulletin 10-10</a>
OVEB-15-CP100 7X9X2 ODF 5'	125472	<a href="#">Bulletin 10-10</a>
OVEB-20-CP100 9X11 ODF 5'	125470	<a href="#">Bulletin 10-10</a>
OVEB-30-CP100 9X11 ODF 5'	125471	<a href="#">Bulletin 10-10</a>
OZE-20-CP180 7X9 ODF 5'	168824	<a href="#">Bulletin 10-10</a>
OZE-20-GA 7X7 ODF 5'	125691	<a href="#">Bulletin 10-10</a>
OZE-20-GA 7X9 ODF 5'	125396	<a href="#">Bulletin 10-10</a>
OZE-20-GA 7X9 ODF 10'	125673	<a href="#">Bulletin 10-10</a>
OZE-20-GA 9X9 ODF 5'	125415	<a href="#">Bulletin 10-10</a>
OZE-20-GA 7X11X2 ODF 5'	125428	<a href="#">Bulletin 10-10</a>
OZE-20-GA 9X11 ODF 10'	125423	<a href="#">Bulletin 10-10</a>
OZE-20-GA 9X11 ODF 5'	125417	<a href="#">Bulletin 10-10</a>
OZE-20-GA 7X9ODFX2SAE 5'	125448	<a href="#">Bulletin 10-10</a>
OZE-20-GA-B15 7X9 ODF 5'	125478	<a href="#">Bulletin 10-10</a>
OZE-20-GA-B15 7X11X2 ODF 5'	168861	<a href="#">Bulletin 10-10</a>
OZE-20-GA-B15 5X9X2 ODF 5'	124516	<a href="#">Bulletin 10-10</a>
OZE-20-N-B15 7X9 ODF 5'	125508	<a href="#">Bulletin 10-10</a>
OZE-25-CP180 7X11X2ODF 5'	168874	<a href="#">Bulletin 10-10</a>
OZE-25-CP180 7X9X2ODF 5'	125710	<a href="#">Bulletin 10-10</a>
OZE-25-CP180 9X13X2ODF 5'	168993	<a href="#">Bulletin 10-10</a>
OZE-25-GA 7X11X2ODF 5'	125384	<a href="#">Bulletin 10-10</a>
OZE-25-GA 7X11X2ODF 10'	125395	<a href="#">Bulletin 10-10</a>
OZE-25-GA 7X9X2ODF 10'	125388	<a href="#">Bulletin 10-10</a>
OZE-25-GA 7X9X2ODF 5'	125385	<a href="#">Bulletin 10-10</a>
OZE-25-GA 9X11X2ODF 5'	125372	<a href="#">Bulletin 10-10</a>
OZE-25-GA 9X11X2ODF 10'	129594	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE O

DESCRIPTION	ITEM #	BULLETIN
OZE-25-GA 9X9X2ODF 5'	125368	<a href="#">Bulletin 10-10</a>
OZE-25-GA 7X9ODFX2SAE 5'	125416	<a href="#">Bulletin 10-10</a>
OZE-25-GA-B15 7X9X2ODF 5'	125477	<a href="#">Bulletin 10-10</a>
OZE-25-GA-B15 7X11X2 ODF 5'	125502	<a href="#">Bulletin 10-10</a>
OZE-25-N-B15 7X9X2ODF 5'	125593	<a href="#">Bulletin 10-10</a>
OZE-25-N-B15 7X9X2 ODF 5'	125509	<a href="#">Bulletin 10-10</a>
OZE-35-CP180 7X11X2ODF 5'	168873	<a href="#">Bulletin 10-10</a>
OZE-35-CP180 9X11X2ODF 5'	168826	<a href="#">Bulletin 10-10</a>
OZE-35-CP180 9X9X2ODF 5'	125374	<a href="#">Bulletin 10-10</a>
OZE-35-GA 7X9X2ODF 5'	125387	<a href="#">Bulletin 10-10</a>
OZE-35-GA 9X11X2ODF 5'	125399	<a href="#">Bulletin 10-10</a>
OZE-35-GA 9X13X2ODF 5'	125406	<a href="#">Bulletin 10-10</a>
OZE-35-GA 9X9X2ODF 5'	125369	<a href="#">Bulletin 10-10</a>
OZE-35-GA 7X11X2ODF 5'	125422	<a href="#">Bulletin 10-10</a>
OZE-35-GA 9X11X2ODF 10'	129492	<a href="#">Bulletin 10-10</a>
OZE-35-GA-B15 7X9X2ODF 5'	125491	<a href="#">Bulletin 10-10</a>
OZE-35-GA-B15 9X11X2ODF 5'	168862	<a href="#">Bulletin 10-10</a>
OZE-35-N-B15 9X11X2ODF 5'	125513	<a href="#">Bulletin 10-10</a>

## TYPE Q, EQ, SQ

DESCRIPTION	ITEM #	BULLETIN
BQ BODY 2X3 SAE	168192	<a href="#">Bulletin 10-10</a>
BQ BODY 2X4 SAE	168191	<a href="#">Bulletin 10-10</a>
BQ BODY 3X4 SAE	168190	<a href="#">Bulletin 10-10</a>
BQ CASE- STOCKED (FLARE)	168391	<a href="#">Bulletin 10-10</a>
BQ CASE- STOCKED (SOLDER)	168392	<a href="#">Bulletin 10-10</a>
BQ CASE-STOCKED (FLARE/SOLDER)	168393	<a href="#">Bulletin 10-10</a>
BQC-A BLUE CARTRIDGE & TAG	168306	<a href="#">Bulletin 10-10</a>
BQC-A-B15 CARTRIDGE & TAG	168702	<a href="#">Bulletin 10-10</a>
BQC-AA YELLOW CARTRIDGE & TAG	168304	<a href="#">Bulletin 10-10</a>
BQC-AA-B15 CARTRIDGE & TAG	168701	<a href="#">Bulletin 10-10</a>
BQC-AAA RED CARTRIDGE & TAG	168303	<a href="#">Bulletin 10-10</a>
BQC-B PINK CARTRIDGE & TAG	168307	<a href="#">Bulletin 10-10</a>
BQC-B-B15 CARTRIDGE & TAG	168703	<a href="#">Bulletin 10-10</a>
BQC-C WHITE CARTRIDGE & TAG	168308	<a href="#">Bulletin 10-10</a>
BQC-C-B15 CARTRIDGE & TAG	168704	<a href="#">Bulletin 10-10</a>
BQE BODY 2X3X2 SAE	168185	<a href="#">Bulletin 10-10</a>
BQE BODY 2X4X2 SAE	168184	<a href="#">Bulletin 10-10</a>
BQE BODY 3X4X2 SAE	168183	<a href="#">Bulletin 10-10</a>
BQE-A-VC 3X4 SAE 5'	168362	<a href="#">Bulletin 10-10</a>
BQE-C-PC 3X4 SAE 5'	168367	<a href="#">Bulletin 10-10</a>
EBQ BODY 2X3 ODF	168033	<a href="#">Bulletin 10-10</a>
EBQ BODY 2X4 ODF	168051	<a href="#">Bulletin 10-10</a>
EBQ BODY 3VX4 ODF	168194	<a href="#">Bulletin 10-10</a>
EBQ BODY 3VX5 ODF	168313	<a href="#">Bulletin 10-10</a>
EBQ BODY 4VX5 ODF	168314	<a href="#">Bulletin 10-10</a>
EBQE BODY 3X4X2 ODF	168509	<a href="#">Bulletin 10-10</a>
EBQE BODY 4X5X2 ODF	168554	<a href="#">Bulletin 10-10</a>
EBQE BODY 3VX4X2 ODF	168186	<a href="#">Bulletin 10-10</a>
EBQE BODY 3VX5X2 ODF	168189	<a href="#">Bulletin 10-10</a>
EBQE BODY 4VX5X2 ODF	168187	<a href="#">Bulletin 10-10</a>
EBQE BODY 4VX7X2 ODF	168188	<a href="#">Bulletin 10-10</a>
EBQE BODY 4X7X2 ODF	168160	<a href="#">Bulletin 10-10</a>
EBQE BODY 2X3X2 ODF	168035	<a href="#">Bulletin 10-10</a>
EBQE BODY 2X4X2 ODF	168044	<a href="#">Bulletin 10-10</a>
EBQE-A-SZ 3X4 ODF 5'	168384	<a href="#">Bulletin 10-10</a>
EBQE-A-SZP 3X4 ODF 5'	168376	<a href="#">Bulletin 10-10</a>
EBQE-A-VC 3X4 ODF 30"	168669	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
OZE-35-N-B15 7X11X2ODF 5'	125489	<a href="#">Bulletin 10-10</a>
OZE-50-CP180 9X11 ODF 5'	168836	<a href="#">Bulletin 10-10</a>
OZE-50-GA 9X11 ODF 10'	125714	<a href="#">Bulletin 10-10</a>
OZE-50-GA 9X11 ODF 5'	125426	<a href="#">Bulletin 10-10</a>
OZE-50-GA 9X9 ODF 5'	125441	<a href="#">Bulletin 10-10</a>
OZE-50-GA 9X9 ODF 10'	168908	<a href="#">Bulletin 10-10</a>
OZE-50-GA 7X11X2 ODF 5'	129493	<a href="#">Bulletin 10-10</a>
OZE-50-GA 9X13X2 ODF 5'	159500	<a href="#">Bulletin 10-10</a>
OZE-50-GA 9X13X2 ODF 10'	129497	<a href="#">Bulletin 10-10</a>
OZE-50-GA-B15 9X11X2 ODF 5'	129491	<a href="#">Bulletin 10-10</a>
OZE-60-CP180 9X11 ODF 5'	168837	<a href="#">Bulletin 10-10</a>
OZE-60-GA 9X11 ODF 10'	125712	<a href="#">Bulletin 10-10</a>
OZE-60-GA 9X11 ODF 5'	125467	<a href="#">Bulletin 10-10</a>
OZE-60-GA 9X9 ODF 5'	125717	<a href="#">Bulletin 10-10</a>
OZE-60-GA-B15 9X11 ODF 5'	125487	<a href="#">Bulletin 10-10</a>
OZEB-20-GA 7X9 ODF 5'	125436	<a href="#">Bulletin 10-10</a>
OZEB-20-GA 9X9 ODF 5'	125697	<a href="#">Bulletin 10-10</a>
OZEB-25-GA 7X9 ODF 5'	125482	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
EBQE-A-VZ 3X4 ODF 5'	168531	<a href="#">Bulletin 10-10</a>
EBQE-A-ZCP180 3VX4X2 ODF 5'	168938	<a href="#">Bulletin 10-10</a>
EBQE-A-ZGA 3X4X2 ODF 30"	168694	<a href="#">Bulletin 10-10</a>
EBQE-AA-ZCP180 3VX4 ODF 5'	168843	<a href="#">Bulletin 10-10</a>
EBQE-AAA-ZGA 3X4 ODF 30"	168660	<a href="#">Bulletin 10-10</a>
EBQE-B-SC 3X4 ODF 5'	168577	<a href="#">Bulletin 10-10</a>
EBQE-B-VC 3X4 ODF 30"	168671	<a href="#">Bulletin 10-10</a>
EBQE-B-ZGA 3X4 ODF 60"	168688	<a href="#">Bulletin 10-10</a>
EBQE-B-ZGA 4X5 ODF 60"	168693	<a href="#">Bulletin 10-10</a>
EBQE-C-VC 4VX5 ODF 5'	168461	<a href="#">Bulletin 10-10</a>
EBQE-C-VGA 3VX4 ODF 5'	168498	<a href="#">Bulletin 10-10</a>
EBQZE-A-CP180 4X7 ODF 5'	168933	<a href="#">Bulletin 10-10</a>
EBQZE-AA-GA 3X4 ODF 5'	168300	<a href="#">Bulletin 10-10</a>
EBQZE-B-CP180 4X7 ODF 5'	168934	<a href="#">Bulletin 10-10</a>
EBQZE-C-CP180 4X7 ODF 5'	168932	<a href="#">Bulletin 10-10</a>
EQ BODY 2X3 ODF	168029	<a href="#">Bulletin 10-10</a>
EQ BODY 2X4 ODF	168030	<a href="#">Bulletin 10-10</a>
EQ BODY 3X3 ODF	168195	<a href="#">Bulletin 10-10</a>
EQ BODY 3X4 ODF	168100	<a href="#">Bulletin 10-10</a>
EQ BODY 3VX3 ODF	168196	<a href="#">Bulletin 10-10</a>
EQ BODY 3VX4 ODF	168144	<a href="#">Bulletin 10-10</a>
EQ BODY 3VX5 ODF	168164	<a href="#">Bulletin 10-10</a>
EQ BODY 4VX5 ODF	168153	<a href="#">Bulletin 10-10</a>
EQ-1(1/4T)SZ 3VX4 ODF 5'	168211	<a href="#">Bulletin 10-10</a>
EQE BODY 3X4X2 ODF	168104	<a href="#">Bulletin 10-10</a>
EQE BODY 4X5X2 ODF	168105	<a href="#">Bulletin 10-10</a>
EQE BODY 4X7X2 ODF	168106	<a href="#">Bulletin 10-10</a>
EQE BODY 3VX4X2 ODF	168150	<a href="#">Bulletin 10-10</a>
EQE BODY 3VX5X2 ODF	168156	<a href="#">Bulletin 10-10</a>
EQE BODY 4VX5X2 ODF	168151	<a href="#">Bulletin 10-10</a>
EQE BODY 4VX7X2 ODF	168152	<a href="#">Bulletin 10-10</a>
EQE BODY 2X3X2 ODF	168031	<a href="#">Bulletin 10-10</a>
EQE BODY 2X4X2 ODF	168032	<a href="#">Bulletin 10-10</a>
EQE-0(1/6T)JC 3VX4 ODF 5'	168162	<a href="#">Bulletin 10-10</a>
EQE-1(1/4T)JC 3X4 ODF 5'	168315	<a href="#">Bulletin 10-10</a>
EQE-2(1/2T)JC 3X4 ODF 5'	168561	<a href="#">Bulletin 10-10</a>
EQE-2(1T)VC 3VX4 ODF 5'	168248	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE Q, EQ, SQ

DESCRIPTION	ITEM #	BULLETIN
EQE-3(1T)JC 3X4 ODF 5'	174055	<a href="#">Bulletin 10-10</a>
EQE-3(1T)JCP60 3X4 ODF 5'	174056	<a href="#">Bulletin 10-10</a>
EQE-3(1T)SC 3VX4 ODF 5'	168226	<a href="#">Bulletin 10-10</a>
EQE-4(1-1/2T)JC 3X4 ODF 5'	168573	<a href="#">Bulletin 10-10</a>
EQE-4(1-1/2T)SC 3X4 ODF 5'	168412	<a href="#">Bulletin 10-10</a>
Q BODY 2X3 SAE	168012	<a href="#">Bulletin 10-10</a>
Q BODY 2X4 SAE	168011	<a href="#">Bulletin 10-10</a>
Q BODY 3X4 SAE	168000	<a href="#">Bulletin 10-10</a>
Q CASE- STOCKED (FLARE)	168013	<a href="#">Bulletin 10-10</a>
Q CASE- STOCKED (FLARE/SOLDER)	168069	<a href="#">Bulletin 10-10</a>
Q CASE- STOCKED (SOLDER)	168068	<a href="#">Bulletin 10-10</a>
Q CASE (CARRYING CASE) EMPTY	168001	<a href="#">Bulletin 10-10</a>
Q VALVE WORKBENCH - MINI	168400	<a href="#">Bulletin 10-10</a>
Q VALVE WORKBENCH (HUTCH ONLY)	168560	<a href="#">Bulletin 10-10</a>
QC-0 RED Q CARTRIDGE/ID TAG	168070	<a href="#">Bulletin 10-10</a>
QC-1 YELLOW Q CARTRIDGE/ID TAG	168072	<a href="#">Bulletin 10-10</a>
QC-2 GREEN Q CARTRIDGE/ID TAG	168074	<a href="#">Bulletin 10-10</a>
QC-3 BLUE Q CARTRIDGE/ID TAG	168076	<a href="#">Bulletin 10-10</a>
QC-4 PINK Q CARTRIDGE/ID TAG	168078	<a href="#">Bulletin 10-10</a>
QC-5 BLACK Q CARTRIDGE/ID TAG	168080	<a href="#">Bulletin 10-10</a>
QC-6 WHITE Q CARTRIDGE/ID TAG	168082	<a href="#">Bulletin 10-10</a>
QE BODY 2X3X2 SAE	168017	<a href="#">Bulletin 10-10</a>
QE BODY 2X4X2 SAE	168016	<a href="#">Bulletin 10-10</a>
QE BODY 3X4X2 SAE	168005	<a href="#">Bulletin 10-10</a>
QE-0(1/3T)VC 3X4 SAE 5'	168465	<a href="#">Bulletin 10-10</a>
QE-0(1/3T)VZ 3X4 SAE 5'	168985	<a href="#">Bulletin 10-10</a>
QE-0(1/6T)SZP 3X4 SAE 5'	170288	<a href="#">Bulletin 10-10</a>
QE-1(1/4T)JC 3X4 SAE 5'	173965	<a href="#">Bulletin 10-10</a>
QE-1(1/4T)SC 3X4 SAE 5'	175226	<a href="#">Bulletin 10-10</a>
QE-2(1/2T)JC 3X4 SAE 5'	174005	<a href="#">Bulletin 10-10</a>
QE-2(1/2T)SC 3X4 SAE 5'	175229	<a href="#">Bulletin 10-10</a>
QE-3(1T)JC 3X4 SAE 5'	174045	<a href="#">Bulletin 10-10</a>
QE-3(1T)PC 3X4 SAE 5'	172479	<a href="#">Bulletin 10-10</a>
QE-3(1T)SC 3X4 SAE 5'	175232	<a href="#">Bulletin 10-10</a>
QE-3(1T)SZP 3X4 SAE 5'	175316	<a href="#">Bulletin 10-10</a>
QE-4(1-1/2T)JC 3X4 SAE 5'	174085	<a href="#">Bulletin 10-10</a>
QE-4(1-1/2T)SC 3X4 SAE 5'	175235	<a href="#">Bulletin 10-10</a>
QE-4(1-1/2T)SZP 3X4 SAE 5'	175319	<a href="#">Bulletin 10-10</a>
QE-5(3-1/2T)NC 3X4 SAE 5'	170001	<a href="#">Bulletin 10-10</a>
QE-6(3T)SC 3X4 SAE 5'	175241	<a href="#">Bulletin 10-10</a>
QVT-F	184006	<a href="#">Bulletin 10-10</a>
SBQ BODY 3X4 ODF	168193	<a href="#">Bulletin 10-10</a>
SBQ-A-PZ 3X4 ODF 5'	168499	<a href="#">Bulletin 10-10</a>
SBQ-AA-SC 3X4 ODF 5'	168484	<a href="#">Bulletin 10-10</a>
SBQ-AAA-VC 3X4 ODF 5'	168349	<a href="#">Bulletin 10-10</a>
SBQE BODY 3X4X2 ODF	168198	<a href="#">Bulletin 10-10</a>
SBQE-A-PC 3X4 ODF 5'	168619	<a href="#">Bulletin 10-10</a>
SBQE-A-SC 3X4 ODF 5'	168496	<a href="#">Bulletin 10-10</a>
SBQE-A-SZP 3X4 ODF 5'	168348	<a href="#">Bulletin 10-10</a>
SBQE-A-VC 3X4 ODF 5'	168341	<a href="#">Bulletin 10-10</a>
SBQE-AA-PC 3X4 ODF 5'	168618	<a href="#">Bulletin 10-10</a>
SBQE-AA-SC 3X4 ODF 5'	168533	<a href="#">Bulletin 10-10</a>
SBQE-AA-SZ 3X4 ODF 5'	168492	<a href="#">Bulletin 10-10</a>
SBQE-AA-VC 3X4 ODF 5'	168347	<a href="#">Bulletin 10-10</a>
SBQE-AA-VZ 3X4 ODF 5'	168488	<a href="#">Bulletin 10-10</a>
SBQE-AAA-PC 3X4 ODF 5'	168639	<a href="#">Bulletin 10-10</a>
SBQE-AAA-SC 3X4 ODF 5'	168536	<a href="#">Bulletin 10-10</a>
SBQE-AAA-SZ 3X4 ODF 5'	168890	<a href="#">Bulletin 10-10</a>
SBQE-AAA-VC 3X4 ODF 5'	168487	<a href="#">Bulletin 10-10</a>
SBQE-AAA-VZ 3X4 ODF 5'	168894	<a href="#">Bulletin 10-10</a>
SBQE-B-PC 3X4 ODF 5'	168621	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
SBQE-B-SC 3X4 ODF 5'	168353	<a href="#">Bulletin 10-10</a>
SBQE-B-VC 3X4 ODF 5'	168342	<a href="#">Bulletin 10-10</a>
SBQE-B-VZ 3X4 ODF 5'	168491	<a href="#">Bulletin 10-10</a>
SBQE-C-PC 3X4 ODF 5'	168631	<a href="#">Bulletin 10-10</a>
SBQE-C-SC 3X4 ODF 5'	168532	<a href="#">Bulletin 10-10</a>
SBQE-C-VC 3X4 ODF 5'	168379	<a href="#">Bulletin 10-10</a>
SQ BODY 2X4 ODF	168009	<a href="#">Bulletin 10-10</a>
SQ BODY 3X4 ODF	168010	<a href="#">Bulletin 10-10</a>
SQ-2(1/2T)-SZP 3X4 ODF 5'	173216	<a href="#">Bulletin 10-10</a>
SQ-4(1-1/2T)-SC 3X4 ODF 5'	173210	<a href="#">Bulletin 10-10</a>
SQE BODY 2X3X2 ODF	168034	<a href="#">Bulletin 10-10</a>
SQE BODY 2X4X2 ODF	168014	<a href="#">Bulletin 10-10</a>
SQE BODY 3X4X2 ODF	168015	<a href="#">Bulletin 10-10</a>
SQE-1(1/4T)-PC 3X4 ODF 5'	168309	<a href="#">Bulletin 10-10</a>
SQE-1(1/4T)-PZP 3X4 ODF 5'	168528	<a href="#">Bulletin 10-10</a>
SQE-1(1/4T)-SC 3X4 ODF 5'	168356	<a href="#">Bulletin 10-10</a>
SQE-1(1/4T)-SZ 3X4 ODF 30"	168067	<a href="#">Bulletin 10-10</a>
SQE-1(1/4T)-SZP 3X4 ODF 5'	168146	<a href="#">Bulletin 10-10</a>
SQE-1(1/4T)-SZP 3X4 ODF 30"	168075	<a href="#">Bulletin 10-10</a>
SQE-1(3/4T)-VC 3X4 ODF 5'	168046	<a href="#">Bulletin 10-10</a>
SQE-1(3/4T)-VC 3X4 ODF 30"	168095	<a href="#">Bulletin 10-10</a>
SQE-1(3/4T)-VZ 3X4 ODF 30"	168096	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-PC 3X4 ODF 5'	168132	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-PZP 3X4 ODF 5'	168579	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-SC 3X4 ODF 5'	168354	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-SC 3X4 ODF 30"	168077	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-SZ 3X4 ODF 30"	168079	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-SZP 3X4 ODF 5'	168170	<a href="#">Bulletin 10-10</a>
SQE-2(1/2T)-VC 3X4 ODF 5'	168640	<a href="#">Bulletin 10-10</a>
SQE-2(1T)-VC 3X4 ODF 5'	168123	<a href="#">Bulletin 10-10</a>
SQE-2(1T)-VC 3X4 ODF 30"	168036	<a href="#">Bulletin 10-10</a>
SQE-2(1T)-VZP 3X4 ODF 5'	168329	<a href="#">Bulletin 10-10</a>
SQE-3(1-1/2T)-VC 3X4 ODF 5'	168124	<a href="#">Bulletin 10-10</a>
SQE-3(1-1/2T)-VZ 3X4 ODF 5'	168446	<a href="#">Bulletin 10-10</a>
SQE-3(1-1/2T)-VZP40 3X4 ODF 5'	168319	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-PC 3X4 ODF 5'	168166	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-SC 3X4 ODF 5'	168167	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-SC 3X4 ODF 30"	168081	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-SZ 3X4 ODF 5'	168601	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-SZ 3X4 ODF 30"	168083	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-SZP 3X4 ODF 5'	168142	<a href="#">Bulletin 10-10</a>
SQE-3(1T)-SZP 3X4 ODF 30"	168084	<a href="#">Bulletin 10-10</a>
SQE-4(1-1/2T)-SC 3X4 ODF 5'	168043	<a href="#">Bulletin 10-10</a>
SQE-4(1-1/2T)-SCP115 3X4 ODF 5'	168682	<a href="#">Bulletin 10-10</a>
SQE-4(1-1/2T)-SZ 3X4 ODF 5'	168479	<a href="#">Bulletin 10-10</a>
SQE-4(1-1/2T)-SZ 3X4 ODF 30"	168086	<a href="#">Bulletin 10-10</a>
SQE-4(1-1/2T)-SZP 3X4 ODF 5'	168358	<a href="#">Bulletin 10-10</a>
SQE-4(2-1/2T)-VC 3X4 ODF 5'	168129	<a href="#">Bulletin 10-10</a>
SQE-4(2-1/2T)-VZ 3X4 ODF 30"	168098	<a href="#">Bulletin 10-10</a>
SQE-5(2T)-PC 3X4 ODF 5'	168119	<a href="#">Bulletin 10-10</a>
SQE-5(2T)-SC 3X4 ODF 5'	168165	<a href="#">Bulletin 10-10</a>
SQE-5(2T)-SZ 3X4 ODF 5'	168529	<a href="#">Bulletin 10-10</a>
SQE-5(2T)-SZP 3X4 ODF 5'	168147	<a href="#">Bulletin 10-10</a>
SQE-5(2T)-SZP 3X4 ODF 30"	168047	<a href="#">Bulletin 10-10</a>
SQE-5(3-1/2T)-VC 3X4 ODF 30"	168109	<a href="#">Bulletin 10-10</a>
SQE-5(3-1/2T)-VZ 3X4 ODF 30"	168547	<a href="#">Bulletin 10-10</a>
SQE-6(3T)-SC 3X4 ODF 5'	168312	<a href="#">Bulletin 10-10</a>
SQE-6(3T)-SC 3X4 ODF 30"	168089	<a href="#">Bulletin 10-10</a>
SQE-6(3T)-SZ 3X4 ODF 5'	168462	<a href="#">Bulletin 10-10</a>
SQE-6(5T)-VC 3X4 ODF 5'	168049	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE R, ER, SR and RC

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
ERJ-1-1/2-C 3SX4 ODF 5'	169189	<a href="#">Bulletin 10-10-8</a>	ERS-1/6-ZP 2SX4 ODF 30"	169171	<a href="#">Bulletin 10-10-8</a>
ERJ-1-C 3SX4 ODF 5'	169188	<a href="#">Bulletin 10-10-8</a>	ERS-1/6-ZP 3SX4 ODF 30"	169205	<a href="#">Bulletin 10-10-8</a>
ERJ-1/2-C 2SX3 ODF 5'	169146	<a href="#">Bulletin 10-10-8</a>	ERSE-1-1/2-C 3SX4X2 ODF 5'	169224	<a href="#">Bulletin 10-10-8</a>
ERJ-1/2-C 2SX4 ODF 5'	169160	<a href="#">Bulletin 10-10-8</a>	ERSE-1-1/2-Z 3SX4X2 ODF 5'	169223	<a href="#">Bulletin 10-10-8</a>
ERJ-1/2-C 3SX4 ODF 5'	169190	<a href="#">Bulletin 10-10-8</a>	ERSE-1-1/2-ZP 3SX4X2 ODF 5'	169222	<a href="#">Bulletin 10-10-8</a>
ERJ-1/4-C 2SX3 ODF 30"	169147	<a href="#">Bulletin 10-10-8</a>	ERSE-1-C 2SX4X2 ODF 5'	169177	<a href="#">Bulletin 10-10-8</a>
ERJ-1/4-C 2SX4 ODF 30"	169161	<a href="#">Bulletin 10-10-8</a>	ERSE-1-C 3SX4X2 ODF 5'	169216	<a href="#">Bulletin 10-10-8</a>
ERJ-1/6-C 2SX3 ODF 30"	169148	<a href="#">Bulletin 10-10-8</a>	ERSE-1-Z 2SX4X2 ODF 5'	169176	<a href="#">Bulletin 10-10-8</a>
ERJ-1/6-C 2SX4 ODF 30"	169162	<a href="#">Bulletin 10-10-8</a>	ERSE-1-Z 3SX4X2 ODF 5'	169217	<a href="#">Bulletin 10-10-8</a>
ERJE-1-1/2-C 3SX4X2 ODF 5'	169213	<a href="#">Bulletin 10-10-8</a>	ERSE-1-ZP 3SX4X2 ODF 5'	169215	<a href="#">Bulletin 10-10-8</a>
ERJE-1-C 3SX4X2 ODF 5'	169210	<a href="#">Bulletin 10-10-8</a>	ERSE-1/2-C 2SX4X2 ODF 5'	169178	<a href="#">Bulletin 10-10-8</a>
ERJE-1-CP60 3X4X2 ODF 5'	169232	<a href="#">Bulletin 10-10-8</a>	ERSE-1/2-C 3SX4X2 ODF 5'	169228	<a href="#">Bulletin 10-10-8</a>
ERJE-1/2-C 2SX4X2 ODF 5'	169174	<a href="#">Bulletin 10-10-8</a>	ERSE-1/2-Z 2SX4X2 ODF 5'	169180	<a href="#">Bulletin 10-10-8</a>
ERJE-1/2-C 3SX4X2 ODF 5'	169214	<a href="#">Bulletin 10-10-8</a>	ERSE-1/2-Z 3SX4X2 ODF 5'	169229	<a href="#">Bulletin 10-10-8</a>
ERJE-1/4-C 2SX4X2 ODF 30"	169175	<a href="#">Bulletin 10-10-8</a>	ERSE-1/2-ZP 2SX4X2 ODF 5'	169179	<a href="#">Bulletin 10-10-8</a>
ERJE-2-C 3SX4X2 ODF 5'	169211	<a href="#">Bulletin 10-10-8</a>	ERSE-1/2-ZP 3SX4X2 ODF 5'	169227	<a href="#">Bulletin 10-10-8</a>
ERJE-2-CP60 4X5X2 ODF 5'	169257	<a href="#">Bulletin 10-10-8</a>	ERSE-1/4-C 2SX4X2 ODF 30"	169181	<a href="#">Bulletin 10-10-8</a>
ERJE-3-C 3SX4X2 ODF 5'	169212	<a href="#">Bulletin 10-10-8</a>	ERSE-1/4-Z 2SX4X2 ODF 30"	169183	<a href="#">Bulletin 10-10-8</a>
ERJE-3-CP60 4X5X2 ODF 5'	169258	<a href="#">Bulletin 10-10-8</a>	ERSE-1/4-ZP 2SX4X2 ODF 30"	169182	<a href="#">Bulletin 10-10-8</a>
ERJE-4-CP60 4X5X2 ODF 5'	169259	<a href="#">Bulletin 10-10-8</a>	ERSE-1/6-C 2SX4X2 ODF 30"	169184	<a href="#">Bulletin 10-10-8</a>
ERJE-4-CP60 4X7X2 ODF 5'	169277	<a href="#">Bulletin 10-10-8</a>	ERSE-2-C 3SX4X2 ODF 5'	169219	<a href="#">Bulletin 10-10-8</a>
ERJE-5-CP60 5X7X2 ODF 5'	169285	<a href="#">Bulletin 10-10-8</a>	ERSE-2-Z 3SX4X2 ODF 5'	169220	<a href="#">Bulletin 10-10-8</a>
ERJE-9-CP60 5X7X2 ODF 5'	169286	<a href="#">Bulletin 10-10-8</a>	ERSE-2-ZP 3SX4X2 ODF 5'	169218	<a href="#">Bulletin 10-10-8</a>
ERNE-3-GA 4X5X2 ODF 5'	169451	<a href="#">Bulletin 10-10-8</a>	ERSE-3-C 4X5X2 ODF 5'	169260	<a href="#">Bulletin 10-10-8</a>
ERNE-5-GA 4X5X2 ODF 5'	169452	<a href="#">Bulletin 10-10-8</a>	ERSE-3-C 3SX4X2 ODF 5'	169226	<a href="#">Bulletin 10-10-8</a>
ERO-1/2-C 2SX3 ODF 30"	169456	<a href="#">Bulletin 10-10-8</a>	ERSE-3-Z 4X5X2 ODF 5'	169261	<a href="#">Bulletin 10-10-8</a>
EROE-1/2-C 2SX4X2 ODF 30"	169462	<a href="#">Bulletin 10-10-8</a>	ERSE-3-Z 3SX4X2 ODF 5'	169221	<a href="#">Bulletin 10-10-8</a>
EROE-10-CP100 5X9X2 ODF 5'	169448	<a href="#">Bulletin 10-10-8</a>	ERSE-3-ZP 4X5X2 ODF 5'	169262	<a href="#">Bulletin 10-10-8</a>
EROE-12-C 5X9X2 ODF 5'	169461	<a href="#">Bulletin 10-10-8</a>	ERSE-3-ZP 3SX4X2 ODF 5'	169225	<a href="#">Bulletin 10-10-8</a>
EROE-8-CP100 5X7X2 ODF 5'	169458	<a href="#">Bulletin 10-10-8</a>	ERSE-4-C 4X7X2 ODF 5'	169278	<a href="#">Bulletin 10-10-8</a>
ERS-1-1/2-C 3SX4 ODF 5'	169195	<a href="#">Bulletin 10-10-8</a>	ERSE-4-Z 4X7X2 ODF 5'	169280	<a href="#">Bulletin 10-10-8</a>
ERS-1-1/2-Z 3SX4 ODF 5'	169196	<a href="#">Bulletin 10-10-8</a>	ERSE-4-ZP 4X7X2 ODF 5'	169279	<a href="#">Bulletin 10-10-8</a>
ERS-1-1/2-ZP 3SX4 ODF 5'	169194	<a href="#">Bulletin 10-10-8</a>	ERSE-6-C 5X7X2 ODF 5'	169287	<a href="#">Bulletin 10-10-8</a>
ERS-1-C 3SX4 ODF 5'	169191	<a href="#">Bulletin 10-10-8</a>	ERSE-6-Z 5X7X2 ODF 5'	169288	<a href="#">Bulletin 10-10-8</a>
ERS-1-Z 3SX4 ODF 5'	169192	<a href="#">Bulletin 10-10-8</a>	ERSE-6-ZP 5X7X2 ODF 5'	169289	<a href="#">Bulletin 10-10-8</a>
ERS-1-ZP 3SX4 ODF 5'	169193	<a href="#">Bulletin 10-10-8</a>	ERSE-9-C 5X7X2 ODF 5'	169290	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-C 2SX3 ODF 5'	169149	<a href="#">Bulletin 10-10-8</a>	ERSE-9-Z 5X7X2 ODF 5'	169292	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-C 2SX4 ODF 5'	169163	<a href="#">Bulletin 10-10-8</a>	ERSE-9-ZP 5X7X2 ODF 5'	169291	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-C 3SX4 ODF 5'	169198	<a href="#">Bulletin 10-10-8</a>	ERV-1-C 3SX4 ODF 5'	169206	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-Z 2SX3 ODF 5'	169150	<a href="#">Bulletin 10-10-8</a>	ERV-1-C-B15 3SX4 ODF 5'	169233	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-Z 2SX4 ODF 5'	169165	<a href="#">Bulletin 10-10-8</a>	ERV-1/2-C 2SX3 ODF 30"	169158	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-Z 3SX4 ODF 5'	169197	<a href="#">Bulletin 10-10-8</a>	ERV-1/2-C 2SX4 ODF 30"	169172	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-ZP 2SX3 ODF 5'	169151	<a href="#">Bulletin 10-10-8</a>	ERV-1/2-C 3SX4 ODF 30"	169208	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-ZP 2SX4 ODF 5'	169164	<a href="#">Bulletin 10-10-8</a>	ERV-1/3-C 2SX3 ODF 30"	169159	<a href="#">Bulletin 10-10-8</a>
ERS-1/2-ZP 3SX4 ODF 5'	169199	<a href="#">Bulletin 10-10-8</a>	ERV-1/3-C 2SX4 ODF 30"	169173	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-C 2SX3 ODF 30"	169152	<a href="#">Bulletin 10-10-8</a>	ERV-1/3-C 3SX4 ODF 30"	169209	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-C 2SX4 ODF 30"	169166	<a href="#">Bulletin 10-10-8</a>	ERV-2-C 3SX4 ODF 5'	169207	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-C 3SX4 ODF 30"	169200	<a href="#">Bulletin 10-10-8</a>	ERVE-1-1/2-C 3SX4X2 ODF 5'	169243	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-Z 2SX3 ODF 30"	169153	<a href="#">Bulletin 10-10-8</a>	ERVE-1-1/2-CP100 3SX4X2 ODF 5'	168742	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-Z 2SX4 ODF 30"	169167	<a href="#">Bulletin 10-10-8</a>	ERVE-1-1/2-GA 3SX4X2 ODF 5'	168743	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-Z 3SX4 ODF 30"	169201	<a href="#">Bulletin 10-10-8</a>	ERVE-1-C 2SX4X2 ODF 5'	169185	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-ZP 2SX3 ODF 30"	169154	<a href="#">Bulletin 10-10-8</a>	ERVE-1-C 3SX4X2 ODF 5'	169230	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-ZP 2SX4 ODF 30"	169168	<a href="#">Bulletin 10-10-8</a>	ERVE-1-CP100 3SX4X2 ODF 5'	168796	<a href="#">Bulletin 10-10-8</a>
ERS-1/4-ZP 3SX4 ODF 30"	169202	<a href="#">Bulletin 10-10-8</a>	ERVE-1-GA 3SX4X2 ODF 5'	168798	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-C 2SX3 ODF 30"	169155	<a href="#">Bulletin 10-10-8</a>	ERVE-1/2-C 2SX4X2 ODF 30"	169186	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-C 2SX4 ODF 30"	169169	<a href="#">Bulletin 10-10-8</a>	ERVE-1/2-C 3SX4X2 ODF 30"	169246	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-C 3SX4 ODF 30"	169203	<a href="#">Bulletin 10-10-8</a>	ERVE-1/3-C 2SX4X2 ODF 30"	169187	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-Z 2SX3 ODF 30"	169156	<a href="#">Bulletin 10-10-8</a>	ERVE-2-C 3SX4X2 ODF 5'	169231	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-Z 2SX4 ODF 30"	169170	<a href="#">Bulletin 10-10-8</a>	ERVE-2-CP100 3SX4X2 ODF 5'	168744	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-Z 3SX4 ODF 30"	169204	<a href="#">Bulletin 10-10-8</a>	ERVE-2-GA 3SX4X2 ODF 5'	168745	<a href="#">Bulletin 10-10-8</a>
ERS-1/6-ZP 2SX3 ODF 30"	169157	<a href="#">Bulletin 10-10-8</a>	ERVE-3-C 3SX4X2 ODF 5'	169234	<a href="#">Bulletin 10-10-8</a>

# Thermostatic Expansion Valves

## TYPE R, ER, SR and RC

DESCRIPTION	ITEM #	BULLETIN
ERVE-3-C 4X5X2 ODF 5'	169265	<a href="#">Bulletin 10-10-8</a>
ERVE-3-CP100 3SX4X2 ODF 5'	168746	<a href="#">Bulletin 10-10-8</a>
ERVE-3-CP100 4X5X2 ODF 5'	168747	<a href="#">Bulletin 10-10-8</a>
ERVE-3-GA 3SX4X2 ODF 5'	168748	<a href="#">Bulletin 10-10-8</a>
ERVE-3-GA 4X5X2 ODF 5'	168749	<a href="#">Bulletin 10-10-8</a>
ERVE-3-GA-B15 3SX4X2 ODF 5'	168990	<a href="#">Bulletin 10-10-8</a>
ERVE-4-C 3SX4X2 ODF 5'	169238	<a href="#">Bulletin 10-10-8</a>
ERVE-4-C 4X5X2 ODF 5'	169268	<a href="#">Bulletin 10-10-8</a>
ERVE-4-C 4X7X2 ODF 5'	169282	<a href="#">Bulletin 10-10-8</a>
ERVE-4-CP100 3SX4X2 ODF 5'	168750	<a href="#">Bulletin 10-10-8</a>
ERVE-4-CP100 4X5X2 ODF 5'	168751	<a href="#">Bulletin 10-10-8</a>
ERVE-4-CP100 4X7X2 ODF 5'	168752	<a href="#">Bulletin 10-10-8</a>
ERVE-4-GA 3SX4X2 ODF 5'	168753	<a href="#">Bulletin 10-10-8</a>
ERVE-4-GA 4X5X2 ODF 5'	168754	<a href="#">Bulletin 10-10-8</a>
ERVE-4-GA 4X7X2 ODF 5'	168755	<a href="#">Bulletin 10-10-8</a>
ERVE-5-C 4X5X2 ODF 5'	169271	<a href="#">Bulletin 10-10-8</a>
ERVE-5-C 4X7X2 ODF 5'	169283	<a href="#">Bulletin 10-10-8</a>
ERVE-5-C 3SX4X2 ODF 5'	169241	<a href="#">Bulletin 10-10-8</a>
ERVE-5-C-B15 3SX4X2 ODF 5'	169459	<a href="#">Bulletin 10-10-8</a>
ERVE-5-CP100 3SX4X2 ODF 5'	168756	<a href="#">Bulletin 10-10-8</a>
ERVE-5-CP100 4X5X2 ODF 5'	168757	<a href="#">Bulletin 10-10-8</a>
ERVE-5-CP100 4X7X2 ODF 5'	168758	<a href="#">Bulletin 10-10-8</a>
ERVE-5-GA 3SX4X2 ODF 5'	168759	<a href="#">Bulletin 10-10-8</a>
ERVE-5-GA 4X5X2 ODF 5'	168760	<a href="#">Bulletin 10-10-8</a>
ERVE-5-GA 4X7X2 ODF 5'	168761	<a href="#">Bulletin 10-10-8</a>
ERVE-6-C 4X5X2 ODF 5'	169274	<a href="#">Bulletin 10-10-8</a>
ERVE-6-C 4X7X2 ODF 5'	169284	<a href="#">Bulletin 10-10-8</a>
ERVE-6-C 5X7X2 ODF 5'	169293	<a href="#">Bulletin 10-10-8</a>
ERVE-6-CP100 4X5X2 ODF 5'	168762	<a href="#">Bulletin 10-10-8</a>
ERVE-6-CP100 4X7X2 ODF 5'	168763	<a href="#">Bulletin 10-10-8</a>
ERVE-6-CP100 5X7X2 ODF 5'	168764	<a href="#">Bulletin 10-10-8</a>
ERVE-6-GA 4X5X2 ODF 5'	168766	<a href="#">Bulletin 10-10-8</a>
ERVE-6-GA 4X7X2 ODF 5'	168767	<a href="#">Bulletin 10-10-8</a>
ERVE-6-GA 5X7X2 ODF 5'	168768	<a href="#">Bulletin 10-10-8</a>
ERVE-8-C 5X7X2 ODF 5'	169294	<a href="#">Bulletin 10-10-8</a>
ERVE-8-CP100 4X7X2 ODF 5'	168769	<a href="#">Bulletin 10-10-8</a>
ERVE-8-CP100 5X7X2 ODF 5'	168770	<a href="#">Bulletin 10-10-8</a>
ERVE-8-CP100 5X9X2 ODF 5'	168771	<a href="#">Bulletin 10-10-8</a>
ERVE-8-GA 4X7X2 ODF 5'	168772	<a href="#">Bulletin 10-10-8</a>
ERVE-8-GA 5X7X2 ODF 5'	168773	<a href="#">Bulletin 10-10-8</a>
ERVE-8-GA 5X9X2 ODF 5'	168774	<a href="#">Bulletin 10-10-8</a>
ERVE-10-C 5X7X2 ODF 5'	169295	<a href="#">Bulletin 10-10-8</a>
ERVE-10-CP100 5X7X2 ODF 5'	168775	<a href="#">Bulletin 10-10-8</a>
ERVE-10-CP100 5X9X2 ODF 5'	168776	<a href="#">Bulletin 10-10-8</a>
ERVE-10-GA 5X7X2 ODF 5'	168777	<a href="#">Bulletin 10-10-8</a>
ERVE-10-GA 5X9X2 ODF 5'	168778	<a href="#">Bulletin 10-10-8</a>
ERVE-12-C 5X7X2 ODF 5'	169296	<a href="#">Bulletin 10-10-8</a>
ERVE-12-CP100 5X7X2 ODF 5'	168779	<a href="#">Bulletin 10-10-8</a>
ERVE-12-CP100 5X9X2 ODF 5'	168780	<a href="#">Bulletin 10-10-8</a>
ERVE-12-GA 5X7X2 ODF 5'	168781	<a href="#">Bulletin 10-10-8</a>
ERVE-12-GA 5X9X2 ODF 5'	168782	<a href="#">Bulletin 10-10-8</a>
ERZE-1-1/2-CP180 3SX4X2 ODF 5'	168783	<a href="#">Bulletin 10-10-8</a>
ERZE-1-1/2-GA 3SX4X2 ODF 5'	168784	<a href="#">Bulletin 10-10-8</a>
ERZE-1-1/2-N 3SX4X2 ODF 5'	169470	<a href="#">Bulletin 10-10-8</a>
ERZE-1-1/2-N-B15 3SX4X2 ODF 5'	169471	<a href="#">Bulletin 10-10-8</a>
ERZE-1-CP180 3SX4X2 ODF 5'	168878	<a href="#">Bulletin 10-10-8</a>
ERZE-1-GA 3SX4X2 ODF 5'	168790	<a href="#">Bulletin 10-10-8</a>
ERZE-1-N 3SX4X2 ODF 5'	169468	<a href="#">Bulletin 10-10-8</a>
ERZE-1-N-B15 3SX4X2 ODF 5'	169469	<a href="#">Bulletin 10-10-8</a>
ERZE-1/2-CP180 2SX3X2 ODF 60"	169239	<a href="#">Bulletin 10-10-8</a>
ERZE-1/2-GA 2SX3X2 ODF 60"	169237	<a href="#">Bulletin 10-10-8</a>

DESCRIPTION	ITEM #	BULLETIN
ERZE-1/2-N 2SX3X2 ODF 60"	169466	<a href="#">Bulletin 10-10-8</a>
ERZE-1/2-N-B15 2SX3X2 ODF 60"	169467	<a href="#">Bulletin 10-10-8</a>
ERZE-1/3-CP180 2SX3X2 ODF 60"	169236	<a href="#">Bulletin 10-10-8</a>
ERZE-1/3-GA 2SX3X2 ODF 60"	169235	<a href="#">Bulletin 10-10-8</a>
ERZE-2-CP180 3SX4X2 ODF 5'	168737	<a href="#">Bulletin 10-10-8</a>
ERZE-2-GA 3SX4X2 ODF 5'	168786	<a href="#">Bulletin 10-10-8</a>
ERZE-2-GA-B15 3SX4X2 ODF 5'	169463	<a href="#">Bulletin 10-10-8</a>
ERZE-2-N 3SX4X2 ODF 5'	169472	<a href="#">Bulletin 10-10-8</a>
ERZE-2-N-B15 3SX4X2 ODF 5'	169473	<a href="#">Bulletin 10-10-8</a>
ERZE-3-CP180 3SX4X2 ODF 5'	168787	<a href="#">Bulletin 10-10-8</a>
ERZE-3-GA 3SX4X2 ODF 5'	168788	<a href="#">Bulletin 10-10-8</a>
ERZE-3-GA-B15 3SX4X2 ODF 5'	169464	<a href="#">Bulletin 10-10-8</a>
ERZE-3-N 3SX4X2 ODF 5'	169474	<a href="#">Bulletin 10-10-8</a>
ERZE-3-N-B15 3SX4X2 ODF 5'	169475	<a href="#">Bulletin 10-10-8</a>
ERZE-4-CP180 3SX4X2 ODF 5'	168789	<a href="#">Bulletin 10-10-8</a>
ERZE-4-GA 3SX4X2 ODF 5'	168718	<a href="#">Bulletin 10-10-8</a>
ERZE-4-GA-B15 3SX4X2 ODF 5'	168984	<a href="#">Bulletin 10-10-8</a>
ERZE-4-N 3SX4X2 ODF 5'	169476	<a href="#">Bulletin 10-10-8</a>
ERZE-4-N-B15 3SX4X2 ODF 5'	169477	<a href="#">Bulletin 10-10-8</a>
ERZE-5-CP180 3SX4X2 ODF 5'	168791	<a href="#">Bulletin 10-10-8</a>
ERZE-5-GA 3SX4X2 ODF 5'	168792	<a href="#">Bulletin 10-10-8</a>
ERZE-5-GA-B15 3SX4X2 ODF 5'	169465	<a href="#">Bulletin 10-10-8</a>
ERZE-5-N 3SX4X2 ODF 5'	169478	<a href="#">Bulletin 10-10-8</a>
ERZE-5-N-B15 3SX4X2 ODF 5'	169479	<a href="#">Bulletin 10-10-8</a>
ERZE-6-CP180 4X5X2 ODF 5'	168793	<a href="#">Bulletin 10-10-8</a>
ERZE-6-GA 4X5X2 ODF 5'	168794	<a href="#">Bulletin 10-10-8</a>
ERZE-6-GA-B15 4X5X2 ODF 5'	169460	<a href="#">Bulletin 10-10-8</a>
ERZE-6-N 4X5X2 ODF 5'	169480	<a href="#">Bulletin 10-10-8</a>
ERZE-6-N-B15 4X5X2 ODF 5'	169481	<a href="#">Bulletin 10-10-8</a>
ERZE-8-CP180 4X7X2 ODF 5'	168795	<a href="#">Bulletin 10-10-8</a>
ERZE-8-CP180 5X7X2 ODF 5'	168736	<a href="#">Bulletin 10-10-8</a>
ERZE-8-GA 4X7X2 ODF 5'	168797	<a href="#">Bulletin 10-10-8</a>
ERZE-8-GA 5X7X2 ODF 5'	168719	<a href="#">Bulletin 10-10-8</a>
ERZE-8-GA-B15 5X7X2 ODF 5'	168879	<a href="#">Bulletin 10-10-8</a>
ERZE-8-N 4X7X2 ODF 5'	169482	<a href="#">Bulletin 10-10-8</a>
ERZE-8-N-B15 4X7X2 ODF 5'	169483	<a href="#">Bulletin 10-10-8</a>
ERZE-12-1/2-CP180 5X7X2 ODF 5'	168799	<a href="#">Bulletin 10-10-8</a>
ERZE-12-1/2-CP180 5X9X2 ODF 5'	168800	<a href="#">Bulletin 10-10-8</a>
ERZE-12-1/2-GA 5X7X2 ODF 5'	168801	<a href="#">Bulletin 10-10-8</a>
ERZE-12-1/2-GA 5X9X2 ODF 5'	168802	<a href="#">Bulletin 10-10-8</a>
ERZE-12.5-GA 7X9X2 ODF 5'	169449	<a href="#">Bulletin 10-10-8</a>
ERZE-12.5-GA-B15 5X9X2 ODF 5'	168991	<a href="#">Bulletin 10-10-8</a>
ERZE-12.5-GA-B15 5X7X2 ODF 5'	168880	<a href="#">Bulletin 10-10-8</a>
ERZE-12.5-N 5X7X2 ODF 5'	169484	<a href="#">Bulletin 10-10-8</a>
ERZE-12.5-N-B15 5X7X2 ODF 5'	169485	<a href="#">Bulletin 10-10-8</a>
ERZE-15-CP180 5X7X2 ODF 5'	168803	<a href="#">Bulletin 10-10-8</a>
ERZE-15-CP180 5X9X2 ODF 5'	168804	<a href="#">Bulletin 10-10-8</a>
ERZE-15-CP180 7X9X2 ODF 5'	169457	<a href="#">Bulletin 10-10-8</a>
ERZE-15-GA 5X7X2 ODF 5'	168720	<a href="#">Bulletin 10-10-8</a>
ERZE-15-GA 5X9X2 ODF 5'	168807	<a href="#">Bulletin 10-10-8</a>
ERZE-15-GA 7X9X2 ODF 5'	169450	<a href="#">Bulletin 10-10-8</a>
ERZE-15-GA-B15 5X7X2 ODF 5'	168881	<a href="#">Bulletin 10-10-8</a>
ERZE-15-GA-B15 5X9X2 ODF 5'	168884	<a href="#">Bulletin 10-10-8</a>
ERZE-15-N 5X7X2 ODF 5'	169486	<a href="#">Bulletin 10-10-8</a>
ERZE-15-N-B15 5X7X2 ODF 5'	169487	<a href="#">Bulletin 10-10-8</a>
RCVE-2-CP100 3X4X2 ODF 60"	151642	<a href="#">Bulletin 10-10</a>
RCVE-2-CP100 3X4X2 SAE 60"	151641	<a href="#">Bulletin 10-10</a>
RCVE-2-CP100 CHATX1-24F 60"	151643	<a href="#">Bulletin 10-10</a>
RCVE-2-GA 3X4X2 ODF 30"	151265	<a href="#">Bulletin 10-10</a>
RCVE-2-GA 3X4X2 SAE 30"	151253	<a href="#">Bulletin 10-10</a>
RCVE-2-GA CHATX1-24F 30"	151450	<a href="#">Bulletin 10-10</a>



# Thermostatic Expansion Valves

## TYPE R, ER, SR and RC

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
RCVE-2-GA 3X4X2 ODF 30" W/ADPT	20083-000	<a href="#">Bulletin 10-10</a>	RCZE-4-GA 4X4X2 ODF 60"	151632	<a href="#">Bulletin 10-10</a>
RCVE-3-CP100 3X3X2 ODF 60"	151645	<a href="#">Bulletin 10-10</a>	RCZE-4-GA CHATX1-24F 30"	151472	<a href="#">Bulletin 10-10</a>
RCVE-3-CP100 3X4X2 ODF 60"	151644	<a href="#">Bulletin 10-10</a>	RCZE-4-GA 4X4X2 ODF 30" W/ADPT	20083-006	<a href="#">Bulletin 10-10</a>
RCVE-3-CP100 3X4X2 SAE 60"	151646	<a href="#">Bulletin 10-10</a>	RCZE-5-CP180 3X4X2 ODF 60"	151774	<a href="#">Bulletin 10-10</a>
RCVE-3-CP100 4X4X2 ODF 60"	151647	<a href="#">Bulletin 10-10</a>	RCZE-5-CP180 4X4X2 ODF 60"	151775	<a href="#">Bulletin 10-10</a>
RCVE-3-CP100 CHATX1-24F 60"	151648	<a href="#">Bulletin 10-10</a>	RCZE-5-CP180 4X4X2 SAE 60"	151776	<a href="#">Bulletin 10-10</a>
RCVE-3-GA 3X4X2 ODF 30"	151245	<a href="#">Bulletin 10-10</a>	RCZE-5-CP180 4X5X2 ODF 60"	151773	<a href="#">Bulletin 10-10</a>
RCVE-3-GA 3X4X2 SAE 30"	151277	<a href="#">Bulletin 10-10</a>	RCZE-5-CP180 CHATX1-24F 60"	151777	<a href="#">Bulletin 10-10</a>
RCVE-3-GA 4X4X2 ODF 30"	151494	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 3X4X2 ODF 30"	151391	<a href="#">Bulletin 10-10</a>
RCVE-3-GA CHATX1-24F 30"	151451	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 3X4X2 ODF 5'	151285	<a href="#">Bulletin 10-10</a>
RCVE-3-GA 3X4X2 ODF 30" W/ADPT	20083-009	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 4X4X2 ODF 30"	151492	<a href="#">Bulletin 10-10</a>
RCVE-4-CP100 4X4X2 ODF 60"	151649	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 4X4X2 SAE 30"	151493	<a href="#">Bulletin 10-10</a>
RCVE-4-CP100 4X4X2 SAE 60"	151651	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 4X5X2 ODF 30"	151369	<a href="#">Bulletin 10-10</a>
RCVE-4-CP100 4X5X2 ODF 60"	151650	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 4X5X2 ODF 60"	151283	<a href="#">Bulletin 10-10</a>
RCVE-4-CP100 CHATX1-24F 60"	151652	<a href="#">Bulletin 10-10</a>	RCZE-5-GA CHATX1-24F 30"	151473	<a href="#">Bulletin 10-10</a>
RCVE-4-GA 4X4X2 ODF 30"	151252	<a href="#">Bulletin 10-10</a>	RCZE-5-GA 4X5X2 ODF 30" W/ADPT	20083-007	<a href="#">Bulletin 10-10</a>
RCVE-4-GA 4X4X2 SAE 30"	151276	<a href="#">Bulletin 10-10</a>	RCZE-6-CP180 4X5X2 ODF 60"	151778	<a href="#">Bulletin 10-10</a>
RCVE-4-GA 4X5X2 ODF 30"	151256	<a href="#">Bulletin 10-10</a>	RCZE-6-CP180 CHATX1-24F 60"	151779	<a href="#">Bulletin 10-10</a>
RCVE-4-GA CHATX1-24F 30"	151452	<a href="#">Bulletin 10-10</a>	RCZE-6-GA 4X5X2 ODF 30"	151370	<a href="#">Bulletin 10-10</a>
RCVE-4-GA 4X4X2 ODF 30" W/ADPT	20083-001	<a href="#">Bulletin 10-10</a>	RCZE-6-GA 4X5X2 ODF 60"	151634	<a href="#">Bulletin 10-10</a>
RCVE-5-CP100 4X4X2 ODF 60"	151653	<a href="#">Bulletin 10-10</a>	RCZE-6-GA CHATX1-24F 30"	151516	<a href="#">Bulletin 10-10</a>
RCVE-5-CP100 4X4X2 SAE 60"	151654	<a href="#">Bulletin 10-10</a>	RCZE-6-GA 4X5X2 ODF 30" W/ADPT	20083-008	<a href="#">Bulletin 10-10</a>
RCVE-5-CP100 4X5X2 ODF 60"	151655	<a href="#">Bulletin 10-10</a>	RJ-1-1/2-C 3ERX4 SAE 5'	169326	<a href="#">Bulletin 10-10-8</a>
RCVE-5-CP100 CHATX1-24F 60"	151656	<a href="#">Bulletin 10-10</a>	RJ-1-C 3ERX4 SAE 5'	169325	<a href="#">Bulletin 10-10-8</a>
RCVE-5-GA 4X4X2 ODF 30"	151258	<a href="#">Bulletin 10-10</a>	RJ-1/2-C 2ERX3 SAE 5'	169297	<a href="#">Bulletin 10-10-8</a>
RCVE-5-GA 4X4X2 SAE 30"	151270	<a href="#">Bulletin 10-10</a>	RJ-1/2-C 2ERX4 SAE 5'	169299	<a href="#">Bulletin 10-10-8</a>
RCVE-5-GA 4X5X2 ODF 30"	151272	<a href="#">Bulletin 10-10</a>	RJ-1/2-C 3ERX4 SAE 5'	169327	<a href="#">Bulletin 10-10-8</a>
RCVE-5-GA CHATX1-24F 30"	151453	<a href="#">Bulletin 10-10</a>	RJ-1/2-Z 2ERX4 SAE 5'	169300	<a href="#">Bulletin 10-10-8</a>
RCVE-5-GA 4X4X2 ODF 30" W/ADPT	20083-002	<a href="#">Bulletin 10-10</a>	RJ-1/2-ZP 2ERX4 SAE 5'	169301	<a href="#">Bulletin 10-10-8</a>
RCVE-6-CP100 4X4X2 ODF 60"	151657	<a href="#">Bulletin 10-10</a>	RJ-1/4-C 2ERX3 SAE 30"	169298	<a href="#">Bulletin 10-10-8</a>
RCVE-6-CP100 4X4X2 SAE 60"	151658	<a href="#">Bulletin 10-10</a>	RJ-1/4-C 2ERX4 SAE 30"	169302	<a href="#">Bulletin 10-10-8</a>
RCVE-6-CP100 4X5X2 ODF 60"	151659	<a href="#">Bulletin 10-10</a>	RJ-1/4-C 3ERX4 SAE 30"	169328	<a href="#">Bulletin 10-10-8</a>
RCVE-6-CP100 CHATX1-24F 60"	151660	<a href="#">Bulletin 10-10</a>	RJ-1/4-Z 2ERX4 SAE 30"	169304	<a href="#">Bulletin 10-10-8</a>
RCVE-6-GA 4X4X2 ODF 30"	151286	<a href="#">Bulletin 10-10</a>	RJ-1/4-ZP 2ERX4 SAE 30"	169303	<a href="#">Bulletin 10-10-8</a>
RCVE-6-GA 4X4X2 SAE 30"	151284	<a href="#">Bulletin 10-10</a>	RJ-1/6-C 2ERX3 SAE 30"	169737	<a href="#">Bulletin 10-10-8</a>
RCVE-6-GA 4X5X2 ODF 30"	151269	<a href="#">Bulletin 10-10</a>	RJ-1/6-C 2ERX4 SAE 30"	169738	<a href="#">Bulletin 10-10-8</a>
RCVE-6-GA 4X4X2 ODF 30" W/ADPT	20083-003	<a href="#">Bulletin 10-10</a>	RJE-1-1/2-C 3ERX4X2 SAE 5'	169349	<a href="#">Bulletin 10-10-8</a>
RCZE-1-1/2-CP180 3X4X2 ODF 60"	151662	<a href="#">Bulletin 10-10</a>	RJE-1-C 3ERX4X2 SAE 5'	169346	<a href="#">Bulletin 10-10-8</a>
RCZE-1-1/2-GA 3X4X2 ODF 30"	168944	<a href="#">Bulletin 10-10</a>	RJE-1/2-C 2ERX4X2 SAE 5'	169314	<a href="#">Bulletin 10-10-8</a>
RCZE-1-CP180 3X4X2 ODF 60"	151661	<a href="#">Bulletin 10-10</a>	RJE-1/2-C 3ERX4X2 SAE 5'	169350	<a href="#">Bulletin 10-10-8</a>
RCZE-1-GA 3X4X2 ODF 30"	151633	<a href="#">Bulletin 10-10</a>	RJE-1/4-C 2ERX4X2 SAE 30"	169315	<a href="#">Bulletin 10-10-8</a>
RCZE-2-CP180 3X4X2 ODF 60"	151663	<a href="#">Bulletin 10-10</a>	RJE-2-C 3ERX4X2 SAE 5'	169347	<a href="#">Bulletin 10-10-8</a>
RCZE-2-CP180 3X4X2 SAE 60"	151664	<a href="#">Bulletin 10-10</a>	RJE-3-C 3ERX4X2 SAE 5'	169348	<a href="#">Bulletin 10-10-8</a>
RCZE-2-CP180 CHATX1-24F 60"	151665	<a href="#">Bulletin 10-10</a>	RS-1-1/2-C 3ERX4 SAE 5'	169332	<a href="#">Bulletin 10-10-8</a>
RCZE-2-GA 3X4X2 ODF 30"	151365	<a href="#">Bulletin 10-10</a>	RS-1-1/2-Z 3ERX4 SAE 5'	169334	<a href="#">Bulletin 10-10-8</a>
RCZE-2-GA CHATX1-24F 30"	151471	<a href="#">Bulletin 10-10</a>	RS-1-1/2-ZP 3ERX4 SAE 5'	169333	<a href="#">Bulletin 10-10-8</a>
RCZE-2-GA 3X4X2 ODF 30" W/ADPT	20083-004	<a href="#">Bulletin 10-10</a>	RS-1-C 3ERX4 SAE 5'	169330	<a href="#">Bulletin 10-10-8</a>
RCZE-3-CP180 3X4X2 ODF 60"	151666	<a href="#">Bulletin 10-10</a>	RS-1-Z 3ERX4 SAE 5'	169331	<a href="#">Bulletin 10-10-8</a>
RCZE-3-CP180 CHATX1-24F 60"	151668	<a href="#">Bulletin 10-10</a>	RS-1-ZP 3ERX4 SAE 5'	169329	<a href="#">Bulletin 10-10-8</a>
RCZE-3-GA 3X4X2 ODF 30"	151366	<a href="#">Bulletin 10-10</a>	RS-1/2-C 2ERX4 SAE 5'	169305	<a href="#">Bulletin 10-10-8</a>
RCZE-3-GA 3X4X2 ODF 60"	151367	<a href="#">Bulletin 10-10</a>	RS-1/2-C 3ERX4 SAE 5'	169337	<a href="#">Bulletin 10-10-8</a>
RCZE-3-GA CHATX1-24F 30"	151455	<a href="#">Bulletin 10-10</a>	RS-1/2-Z 2ERX4 SAE 5'	169306	<a href="#">Bulletin 10-10-8</a>
RCZE-3-GA 3X4X2 ODF 30" W/ADPT	20083-005	<a href="#">Bulletin 10-10</a>	RS-1/2-Z 3ERX4 SAE 5'	169335	<a href="#">Bulletin 10-10-8</a>
RCZE-3-ZP180 3X3X2 ODF 60"	151667	<a href="#">Bulletin 10-10</a>	RS-1/2-ZP 2ERX4 SAE 5'	169307	<a href="#">Bulletin 10-10-8</a>
RCZE-4-CP180 3X4X2 ODF 60"	151770	<a href="#">Bulletin 10-10</a>	RS-1/2-ZP 3ERX4 SAE 5'	169336	<a href="#">Bulletin 10-10-8</a>
RCZE-4-CP180 3X4X2 SAE 60"	151771	<a href="#">Bulletin 10-10</a>	RS-1/4-C 2ERX3 SAE 30"	169745	<a href="#">Bulletin 10-10-8</a>
RCZE-4-CP180 4X4X2 ODF 60"	151669	<a href="#">Bulletin 10-10</a>	RS-1/4-C 2ERX4 SAE 30"	169308	<a href="#">Bulletin 10-10-8</a>
RCZE-4-CP180 CHATX1-24F 60"	151772	<a href="#">Bulletin 10-10</a>	RS-1/4-Z 2ERX3 SAE 30"	169746	<a href="#">Bulletin 10-10-8</a>
RCZE-4-GA 3X4X2 ODF 30"	151382	<a href="#">Bulletin 10-10</a>	RS-1/4-Z 2ERX4 SAE 30"	169310	<a href="#">Bulletin 10-10-8</a>
RCZE-4-GA 3X4X2 SAE 30"	151416	<a href="#">Bulletin 10-10</a>	RS-1/4-ZP 2ERX3 SAE 30"	169747	<a href="#">Bulletin 10-10-8</a>
RCZE-4-GA 4X4X2 ODF 30"	151368	<a href="#">Bulletin 10-10</a>	RS-1/4-ZP 2ERX4 SAE 30"	169309	<a href="#">Bulletin 10-10-8</a>

# Thermostatic Expansion Valves

## TYPE R, ER, SR and RC

DESCRIPTION	ITEM #	BULLETIN
RS-1/6-C 2ERX3 SAE 30"	169739	<a href="#">Bulletin 10-10-8</a>
RS-1/6-C 2ERX4 SAE 30"	169742	<a href="#">Bulletin 10-10-8</a>
RS-1/6-Z 2ERX3 SAE 30"	169740	<a href="#">Bulletin 10-10-8</a>
RS-1/6-Z 2ERX4 SAE 30"	169743	<a href="#">Bulletin 10-10-8</a>
RS-1/6-ZP 2ERX3 SAE 30"	169741	<a href="#">Bulletin 10-10-8</a>
RS-1/6-ZP 2ERX4 SAE 30"	169744	<a href="#">Bulletin 10-10-8</a>
RSE-1-1/2-C 3ERX4X2 SAE 5'	169359	<a href="#">Bulletin 10-10-8</a>
RSE-1-1/2-Z 3ERX4X2 SAE 5'	169358	<a href="#">Bulletin 10-10-8</a>
RSE-1-1/2-ZP 3ERX4X2 SAE 5'	169357	<a href="#">Bulletin 10-10-8</a>
RSE-1-C 3ERX4X2 SAE 5'	169352	<a href="#">Bulletin 10-10-8</a>
RSE-1-Z 3ERX4X2 SAE 5'	169353	<a href="#">Bulletin 10-10-8</a>
RSE-1-ZP 3ERX4X2 SAE 5'	169351	<a href="#">Bulletin 10-10-8</a>
RSE-1/2-C 2ERX4X2 SAE 5'	169318	<a href="#">Bulletin 10-10-8</a>
RSE-1/2-C 3ERX4X2 SAE 5'	169364	<a href="#">Bulletin 10-10-8</a>
RSE-1/2-Z 2ERX4X2 SAE 5'	169317	<a href="#">Bulletin 10-10-8</a>
RSE-1/2-Z 3ERX4X2 SAE 5'	169365	<a href="#">Bulletin 10-10-8</a>
RSE-1/2-ZP 2ERX4X2 SAE 5'	169316	<a href="#">Bulletin 10-10-8</a>
RSE-1/2-ZP 3ERX4X2 SAE 5'	169363	<a href="#">Bulletin 10-10-8</a>
RSE-1/4-C 2ERX4X2 SAE 30"	169319	<a href="#">Bulletin 10-10-8</a>
RSE-1/4-Z 2ERX4X2 SAE 30"	169320	<a href="#">Bulletin 10-10-8</a>
RSE-1/4-ZP 2ERX4X2 SAE 30"	169321	<a href="#">Bulletin 10-10-8</a>
RSE-2-C 3ERX4X2 SAE 5'	169356	<a href="#">Bulletin 10-10-8</a>
RSE-2-Z 3ERX4X2 SAE 5'	169355	<a href="#">Bulletin 10-10-8</a>
RSE-2-ZP 3ERX4X2 SAE 5'	169354	<a href="#">Bulletin 10-10-8</a>
RSE-3-C 3ERX4X2 SAE 5'	169362	<a href="#">Bulletin 10-10-8</a>
RSE-3-Z 3ERX4X2 SAE 5'	169360	<a href="#">Bulletin 10-10-8</a>
RSE-3-ZP 3ERX4X2 SAE 5'	169361	<a href="#">Bulletin 10-10-8</a>
RV-1-1/2-C 3ERX4 SAE 5'	169342	<a href="#">Bulletin 10-10-8</a>
RV-1-1/2-Z 3ERX4 SAE 5'	169343	<a href="#">Bulletin 10-10-8</a>
RV-1-C 2ERX4 SAE 5'	169311	<a href="#">Bulletin 10-10-8</a>
RV-1-C 3ERX4 SAE 5'	169338	<a href="#">Bulletin 10-10-8</a>
RV-1-Z 3ERX4 SAE 5'	169339	<a href="#">Bulletin 10-10-8</a>
RV-1/2-C 2ERX4 SAE 30"	169312	<a href="#">Bulletin 10-10-8</a>
RV-1/2-C 3ERX4 SAE 30"	169345	<a href="#">Bulletin 10-10-8</a>
RV-1/2-Z 3ERX4 SAE 30"	169344	<a href="#">Bulletin 10-10-8</a>
RV-1/3-C 2ERX4 SAE 30"	169313	<a href="#">Bulletin 10-10-8</a>
RV-2-C 3ERX4 SAE 5'	169340	<a href="#">Bulletin 10-10-8</a>
RV-2-Z 3ERX4 SAE 5'	169341	<a href="#">Bulletin 10-10-8</a>
RVE-1-1/2-C 3ERX4X2 SAE 5'	169378	<a href="#">Bulletin 10-10-8</a>
RVE-1-1/2-Z 3ERX4X2 SAE 5'	169379	<a href="#">Bulletin 10-10-8</a>
RVE-1-C 2ERX4X2 SAE 5'	169322	<a href="#">Bulletin 10-10-8</a>
RVE-1-C 3ERX4X2 SAE 5'	169366	<a href="#">Bulletin 10-10-8</a>
RVE-1-Z 3ERX4X2 SAE 5'	169367	<a href="#">Bulletin 10-10-8</a>
RVE-1/2-C 2ERX4X2 SAE 30"	169323	<a href="#">Bulletin 10-10-8</a>
RVE-1/2-C 3ERX4X2 SAE 30"	169380	<a href="#">Bulletin 10-10-8</a>
RVE-1/2-Z 3ERX4X2 SAE 30"	169381	<a href="#">Bulletin 10-10-8</a>
RVE-1/3-C 2ERX4X2 SAE 30"	169324	<a href="#">Bulletin 10-10-8</a>
RVE-2-C 3ERX4X2 SAE 5'	169368	<a href="#">Bulletin 10-10-8</a>
RVE-2-Z 3ERX4X2 SAE 5'	169369	<a href="#">Bulletin 10-10-8</a>
RVE-3-C 3ERX4X2 SAE 5'	169370	<a href="#">Bulletin 10-10-8</a>
RVE-3-Z 3ERX4X2 SAE 5'	169371	<a href="#">Bulletin 10-10-8</a>
RVE-4-C 3ERX4X2 SAE 5'	169372	<a href="#">Bulletin 10-10-8</a>
RVE-4-Z 3ERX4X2 SAE 5'	169373	<a href="#">Bulletin 10-10-8</a>
RVE-5-C 3ERX4X2 SAE 5'	169374	<a href="#">Bulletin 10-10-8</a>
RVE-5-Z 3ERX4X2 SAE 5'	169375	<a href="#">Bulletin 10-10-8</a>
RVE-6-C 3ERX4X2 SAE 5'	169376	<a href="#">Bulletin 10-10-8</a>
RVE-6-Z 3ERX4X2 SAE 5'	169377	<a href="#">Bulletin 10-10-8</a>
SRJ-1-1/2-C 3EOX4EXT ODF 5'	169382	<a href="#">Bulletin 10-10-8</a>
SRJ-1-C 3EOX4EXT ODF 5'	169383	<a href="#">Bulletin 10-10-8</a>
SRJ-1/2-C 3EOX4EXT ODF 5'	169384	<a href="#">Bulletin 10-10-8</a>
SRJ-1/4-C 3EOX4EXT ODF 30"	169385	<a href="#">Bulletin 10-10-8</a>

DESCRIPTION	ITEM #	BULLETIN
SRJ-1/6-C 3EOX4EXT ODF 30"	169386	<a href="#">Bulletin 10-10-8</a>
SRJE-1-1/2-C 3EOX4EXTX2 ODF 5'	169408	<a href="#">Bulletin 10-10-8</a>
SRJE-1-C 3EOX4EXTX2 ODF 5'	169412	<a href="#">Bulletin 10-10-8</a>
SRJE-1/2-C 3EOX4EXTX2 ODF 5'	169409	<a href="#">Bulletin 10-10-8</a>
SRJE-1/4-C 3EOX4EXTX2 ODF 30"	169411	<a href="#">Bulletin 10-10-8</a>
SRJE-1/6-C 3EOX4EXTX2 ODF 30"	169410	<a href="#">Bulletin 10-10-8</a>
SRJE-2-C 3EOX4EXTX2 ODF 5'	169406	<a href="#">Bulletin 10-10-8</a>
SRJE-3-C 3EOX4EXTX2 ODF 5'	169407	<a href="#">Bulletin 10-10-8</a>
SRS-1-1/2-C 3EOX4EXT ODF 5'	169390	<a href="#">Bulletin 10-10-8</a>
SRS-1-1/2-Z 3EOX4EXT ODF 5'	169391	<a href="#">Bulletin 10-10-8</a>
SRS-1-1/2-ZP 3EOX4EXT ODF 5'	169392	<a href="#">Bulletin 10-10-8</a>
SRS-1-C 3EOX4EXT ODF 5'	169389	<a href="#">Bulletin 10-10-8</a>
SRS-1-Z 3EOX4EXT ODF 5'	169387	<a href="#">Bulletin 10-10-8</a>
SRS-1-ZP 3EOX4EXT ODF 5'	169388	<a href="#">Bulletin 10-10-8</a>
SRS-1/2-C 3EOX4EXT ODF 5'	169393	<a href="#">Bulletin 10-10-8</a>
SRS-1/2-Z 3EOX4EXT ODF 5'	169394	<a href="#">Bulletin 10-10-8</a>
SRS-1/2-ZP 3EOX4EXT ODF 5'	169395	<a href="#">Bulletin 10-10-8</a>
SRS-1/4-C 3EOX4EXT ODF 30"	169396	<a href="#">Bulletin 10-10-8</a>
SRS-1/4-Z 3EOX4EXT ODF 30"	169397	<a href="#">Bulletin 10-10-8</a>
SRS-1/4-ZP 3EOX4EXT ODF 30"	169398	<a href="#">Bulletin 10-10-8</a>
SRS-1/6-C 3EOX4EXT ODF 30"	169399	<a href="#">Bulletin 10-10-8</a>
SRS-1/6-Z 3EOX4EXT ODF 30"	169400	<a href="#">Bulletin 10-10-8</a>
SRS-1/6-ZP 3EOX4EXT ODF 30"	169401	<a href="#">Bulletin 10-10-8</a>
SRSE-1-1/2-C 3EOX4EXTX2 ODF 5'	169423	<a href="#">Bulletin 10-10-8</a>
SRSE-1-1/2-Z 3EOX4EXTX2 ODF 5'	169424	<a href="#">Bulletin 10-10-8</a>
SRSE-1-1/2-ZP 3EOX4EXTX2 ODF 5'	169425	<a href="#">Bulletin 10-10-8</a>
SRSE-1-C 3EOX4EXTX2 ODF 5'	169413	<a href="#">Bulletin 10-10-8</a>
SRSE-1-C 3EOX4EXTX2 ODF 30"	169453	<a href="#">Bulletin 10-10-8</a>
SRSE-1-Z 3EOX4EXTX2 ODF 5'	169415	<a href="#">Bulletin 10-10-8</a>
SRSE-1-ZP 3EOX4EXTX2 ODF 5'	169414	<a href="#">Bulletin 10-10-8</a>
SRSE-1/2-C 3EOX4EXTX2 ODF 5'	169426	<a href="#">Bulletin 10-10-8</a>
SRSE-1/2-C 3EOX4EXTX2 ODF 30"	169455	<a href="#">Bulletin 10-10-8</a>
SRSE-1/2-Z 3EOX4EXTX2 ODF 5'	169427	<a href="#">Bulletin 10-10-8</a>
SRSE-1/2-ZP 3EOX4EXTX2 ODF 5'	169428	<a href="#">Bulletin 10-10-8</a>
SRSE-1/4-C 3EOX4EXTX2 ODF 30"	169429	<a href="#">Bulletin 10-10-8</a>
SRSE-1/4-Z 3EOX4EXTX2 ODF 30"	169431	<a href="#">Bulletin 10-10-8</a>
SRSE-1/4-ZP 3EOX4EXTX2 ODF 30"	169430	<a href="#">Bulletin 10-10-8</a>
SRSE-1/6-C 3EOX4EXTX2 ODF 30"	169432	<a href="#">Bulletin 10-10-8</a>
SRSE-1/6-Z 3EOX4EXTX2 ODF 30"	169433	<a href="#">Bulletin 10-10-8</a>
SRSE-1/6-ZP 3EOX4EXTX2 ODF 30"	169434	<a href="#">Bulletin 10-10-8</a>
SRSE-2-C 3EOX4EXTX2 ODF 5'	169417	<a href="#">Bulletin 10-10-8</a>
SRSE-2-Z 3EOX4EXTX2 ODF 5'	169419	<a href="#">Bulletin 10-10-8</a>
SRSE-2-ZP 3EOX4EXTX2 ODF 5'	169418	<a href="#">Bulletin 10-10-8</a>
SRSE-3-C 3EOX4EXTX2 ODF 5'	169420	<a href="#">Bulletin 10-10-8</a>
SRSE-3-Z 3EOX4EXTX2 ODF 5'	169422	<a href="#">Bulletin 10-10-8</a>
SRSE-3-ZP 3EOX4EXTX2 ODF 5'	169421	<a href="#">Bulletin 10-10-8</a>
SRV-1-C 3EOX4EXT ODF 5'	169402	<a href="#">Bulletin 10-10-8</a>
SRV-1/2-C 3EOX4EXT ODF 30"	169404	<a href="#">Bulletin 10-10-8</a>
SRV-1/3-C 3EOX4EXT ODF 30"	169405	<a href="#">Bulletin 10-10-8</a>
SRV-2-C 3EOX4EXT ODF 5'	169403	<a href="#">Bulletin 10-10-8</a>
SRVE-1-C 3EOX4EXTX2 ODF 5'	169435	<a href="#">Bulletin 10-10-8</a>
SRVE-1-C 3EOX4EXTX2 ODF 30"	169454	<a href="#">Bulletin 10-10-8</a>
SRVE-1-Z 3EOX4EXTX2 ODF 5'	169436	<a href="#">Bulletin 10-10-8</a>
SRVE-1-ZP40 3EOX4EXTX2 ODF 5'	169437	<a href="#">Bulletin 10-10-8</a>
SRVE-1/2-C 3EOX4EXTX2 ODF 30"	169445	<a href="#">Bulletin 10-10-8</a>
SRVE-1/3-C 3EOX4EXTX2 ODF 30"	169446	<a href="#">Bulletin 10-10-8</a>
SRVE-2-C 3EOX4EXTX2 ODF 5'	169438	<a href="#">Bulletin 10-10-8</a>
SRVE-2-Z 3EOX4EXTX2 ODF 5'	169440	<a href="#">Bulletin 10-10-8</a>
SRVE-2-ZP40 3EOX4EXTX2 ODF 5'	169439	<a href="#">Bulletin 10-10-8</a>
SRVE-3-C 3EOX4EXTX2 ODF 5'	169441	<a href="#">Bulletin 10-10-8</a>
SRVE-3-Z 3EOX4EXTX2 ODF 5'	169443	<a href="#">Bulletin 10-10-8</a>

# Thermostatic Expansion Valves

## TYPE R, ER, SR and RC

DESCRIPTION	ITEM #	BULLETIN
SRVE-3-ZP40 3EOX4EXTX20DF 5'	169442	<a href="#">Bulletin 10-10-8</a>
SRVE-5-C 3EOX4EXTX20DF 5'	169444	<a href="#">Bulletin 10-10-8</a>

## TYPE S

DESCRIPTION	ITEM #	BULLETIN
SEE-1-GP 4X5 ODF 5'	145266	<a href="#">Bulletin 10-10</a>
SEE-2-1/2-GP35 5X7 ODF 10'	128627	<a href="#">Bulletin 10-10</a>
SEE-2-GP 4X5 ODF 5'	145280	<a href="#">Bulletin 10-10</a>
SFE-1-1/2-ZP 4X5 ODF 5'	137419	<a href="#">Bulletin 10-10</a>
SFE-1-Z 4X5 ODF 5'	136369	<a href="#">Bulletin 10-10</a>
SFE-3-Z 4X7 ODF 5'	136915	<a href="#">Bulletin 10-10</a>
SGE-1-GP 3X4 ODF 5'	128505	<a href="#">Bulletin 10-10</a>
SGE-3-GP 4X7 ODF 5'	128500	<a href="#">Bulletin 10-10</a>
SGE-6-GP 5X7 ODF 5'	128503	<a href="#">Bulletin 10-10</a>
SJ-1/2-C 4X5 ODF 5'	128826	<a href="#">Bulletin 10-10</a>
SJ-2-C 4X5 ODF 5'	128911	<a href="#">Bulletin 10-10</a>
SJ-3-C 4X7 ODF 5'	128913	<a href="#">Bulletin 10-10</a>
SJE-1-1/2-C 4X5 ODF 10'	128601	<a href="#">Bulletin 10-10</a>
SJE-1-1/2-C 4X5 ODF 5'	128827	<a href="#">Bulletin 10-10</a>
SJE-1-1/2-CP60 4X5 ODF 5'	128554	<a href="#">Bulletin 10-10</a>
SJE-1-C 3X5 ODF 5'	129083	<a href="#">Bulletin 10-10</a>
SJE-1-C 4X5 ODF 5'	128552	<a href="#">Bulletin 10-10</a>
SJE-1-CP60 3X5 ODF 5'	128850	<a href="#">Bulletin 10-10</a>
SJE-1-CP60 4X5 ODF 5'	128883	<a href="#">Bulletin 10-10</a>
SJE-1-ZP 3X5 ODF 5'	128868	<a href="#">Bulletin 10-10</a>
SJE-1-ZPM 3X5 ODF 20'	128851	<a href="#">Bulletin 10-10</a>
SJE-1/2-C 4X5 ODF 5'	145307	<a href="#">Bulletin 10-10</a>
SJE-1/4-C 4X5 ODF 5'	128391	<a href="#">Bulletin 10-10</a>
SJE-10-C 5X7 ODF 5'	128206	<a href="#">Bulletin 10-10</a>
SJE-10-CP60 5X7 ODF 5'	128565	<a href="#">Bulletin 10-10</a>
SJE-2-1/2-C 4X5 ODF 5'	129023	<a href="#">Bulletin 10-10</a>
SJE-2-1/2-C 4X7 ODF 5'	128916	<a href="#">Bulletin 10-10</a>
SJE-2-1/2-CP60 4X5 ODF 5'	128555	<a href="#">Bulletin 10-10</a>
SJE-2-1/2-CP60 4X7 ODF 5'	128925	<a href="#">Bulletin 10-10</a>
SJE-2-1/2-Z 4X7 ODF 5'	129120	<a href="#">Bulletin 10-10</a>
SJE-2-C 4X5 ODF 5'	128915	<a href="#">Bulletin 10-10</a>
SJE-2-C 4X7 ODF 5'	129074	<a href="#">Bulletin 10-10</a>
SJE-2-CP60 4X5 ODF 5'	128924	<a href="#">Bulletin 10-10</a>
SJE-2-CP60 4X7 ODF 5'	129385	<a href="#">Bulletin 10-10</a>
SJE-3-C 4X5 ODF 5'	128203	<a href="#">Bulletin 10-10</a>
SJE-3-C 4X7 ODF 5'	128917	<a href="#">Bulletin 10-10</a>
SJE-3-CP60 4X5 ODF 5'	128558	<a href="#">Bulletin 10-10</a>
SJE-3-CP60 4X7 ODF 5'	128926	<a href="#">Bulletin 10-10</a>
SJE-3-CP65 4X7 ODF 5'	128559	<a href="#">Bulletin 10-10</a>
SJE-3-L2 4X7 ODF 5'	128996	<a href="#">Bulletin 10-10</a>
SJE-5-C 4X7 ODF 5'	128204	<a href="#">Bulletin 10-10</a>
SJE-5-C 5X7 ODF 5'	128918	<a href="#">Bulletin 10-10</a>
SJE-5-CP60 4X7 ODF 5'	128860	<a href="#">Bulletin 10-10</a>
SJE-5-CP60 5X7 ODF 5'	128927	<a href="#">Bulletin 10-10</a>
SJE-5-CP60 5X9 ODF 5'	128829	<a href="#">Bulletin 10-10</a>
SJE-6-C 4X7 ODF 5'	128631	<a href="#">Bulletin 10-10</a>
SJE-6-C 5X7 ODF 5'	128919	<a href="#">Bulletin 10-10</a>
SJE-6-C 7X9 ODF 5'	129160	<a href="#">Bulletin 10-10</a>
SJE-6-CP60 5X7 ODF 5'	128929	<a href="#">Bulletin 10-10</a>
SJE-6-CP60 5X9 ODF 5'	128564	<a href="#">Bulletin 10-10</a>
SNE-2-CP100 4X5 ODF 5'	129104	<a href="#">Bulletin 10-10</a>
SNE-3-C 4X5 ODF 5'	129329	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
SNE-3-CP100 4X5 ODF 5'	129105	<a href="#">Bulletin 10-10</a>
SNE-3-GA 4X5 ODF 5'	128863	<a href="#">Bulletin 10-10</a>
SNE-4-C 4X5 ODF 5'	129235	<a href="#">Bulletin 10-10</a>
SNE-4-C 4X7 ODF 5'	129330	<a href="#">Bulletin 10-10</a>
SNE-4-CP100 4X7 ODF 5'	129106	<a href="#">Bulletin 10-10</a>
SNE-4-GA 4X7 ODF 5'	128864	<a href="#">Bulletin 10-10</a>
SNE-5-C 4X7 ODF 5'	129331	<a href="#">Bulletin 10-10</a>
SNE-5-CP100 4X7 ODF 5'	129107	<a href="#">Bulletin 10-10</a>
SNE-5-CP100 5X7 ODF 5'	129109	<a href="#">Bulletin 10-10</a>
SNE-5-GA 4X7 ODF 5'	129186	<a href="#">Bulletin 10-10</a>
SNE-5-GA 5X9 ODF 5'	129199	<a href="#">Bulletin 10-10</a>
SNE-8-C 5X7 ODF 5'	130701	<a href="#">Bulletin 10-10</a>
SNE-8-CP100 5X7 ODF 5'	130702	<a href="#">Bulletin 10-10</a>
SNE-8-CP100 5X9 ODF 5'	130704	<a href="#">Bulletin 10-10</a>
SNE-8-GA 5X7 ODF 5'	128865	<a href="#">Bulletin 10-10</a>
SNE-10-C 5X7 ODF 5'	129234	<a href="#">Bulletin 10-10</a>
SNE-10-CP100 5X7 ODF 5'	128849	<a href="#">Bulletin 10-10</a>
SNE-10-GA 5X7 ODF 5'	128866	<a href="#">Bulletin 10-10</a>
SNE-15-CP100 5X7 ODF 5'	129426	<a href="#">Bulletin 10-10</a>
SNE-15-CP100 5X9 ODF 5'	129420	<a href="#">Bulletin 10-10</a>
SPE-1-1/2-C 4X5 ODF 5'	128186	<a href="#">Bulletin 10-10</a>
SPE-1-1/2-C 4X7 ODF 5'	128261	<a href="#">Bulletin 10-10</a>
SPE-1-1/2-ZP 4X5 ODF 5'	128299	<a href="#">Bulletin 10-10</a>
SPE-1-X 5X7 ODF 10'	134618	<a href="#">Bulletin 10-10</a>
SPE-1-Z 4X5 ODF 5'	128373	<a href="#">Bulletin 10-10</a>
SPE-1/2-X 5X7 ODF 10'	134617	<a href="#">Bulletin 10-10</a>
SPE-1/2-Z 4X5 ODF 5'	129029	<a href="#">Bulletin 10-10</a>
SPE-2-C 4X5 ODF 5'	128981	<a href="#">Bulletin 10-10</a>
SPE-2-C 4X7 ODF 5'	128257	<a href="#">Bulletin 10-10</a>
SPE-2-L1 4X5 ODF 5'	143801	<a href="#">Bulletin 10-10</a>
SPE-2-Z 4X5 ODF 5'	128185	<a href="#">Bulletin 10-10</a>
SPE-2-ZP 4X9 ODF 5'	128249	<a href="#">Bulletin 10-10</a>
SPE-3-C 4X5 ODF 5'	128409	<a href="#">Bulletin 10-10</a>
SPE-3-C 4X7 ODF 5'	128410	<a href="#">Bulletin 10-10</a>
SPE-3-CP115 4X7 ODF 5'	129252	<a href="#">Bulletin 10-10</a>
SPE-3-X 4X7 ODF 5'	128253	<a href="#">Bulletin 10-10</a>
SPE-3-Z 4X5 ODF 5'	128411	<a href="#">Bulletin 10-10</a>
SPE-3-Z 4X7 ODF 5'	128412	<a href="#">Bulletin 10-10</a>
SPE-3-ZP 4X5 ODF 5'	128413	<a href="#">Bulletin 10-10</a>
SPE-3-ZP 4X7 ODF 5'	128811	<a href="#">Bulletin 10-10</a>
SPE-4-C 4X5 ODF 5'	128812	<a href="#">Bulletin 10-10</a>
SPE-4-C 4X7 ODF 5'	128414	<a href="#">Bulletin 10-10</a>
SPE-4-C 4X9 ODF 5'	128831	<a href="#">Bulletin 10-10</a>
SPE-4-CP115 4X7 ODF 5'	139000	<a href="#">Bulletin 10-10</a>
SPE-4-Z 4X7 ODF 5'	128817	<a href="#">Bulletin 10-10</a>
SPE-4-ZP 4X5 ODF 5'	128416	<a href="#">Bulletin 10-10</a>
SPE-4-ZP 4X7 ODF 5'	128417	<a href="#">Bulletin 10-10</a>
SPE-6-C 4X7 ODF 5'	128877	<a href="#">Bulletin 10-10</a>
SPE-6-C 5X7 ODF 5'	128421	<a href="#">Bulletin 10-10</a>
SPE-6-C 5X9 ODF 5'	129071	<a href="#">Bulletin 10-10</a>
SPE-6-CP115 5X7 ODF 5'	128633	<a href="#">Bulletin 10-10</a>
SPE-6-Z 5X7 ODF 5'	128422	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE S

DESCRIPTION	ITEM #	BULLETIN
SPE-6-ZP 5X7 ODF 5'	128825	<a href="#">Bulletin 10-10</a>
SPE-7-C 5X7 ODF 5'	128585	<a href="#">Bulletin 10-10</a>
SPE-7-C 5X9 ODF 5'	128643	<a href="#">Bulletin 10-10</a>
SPE-7-X 5X7 ODF 5'	129311	<a href="#">Bulletin 10-10</a>
SPE-7-Z 5X7 ODF 5'	128419	<a href="#">Bulletin 10-10</a>
SPE-7-Z 5X9 ODF 5'	128870	<a href="#">Bulletin 10-10</a>
SPE-7-ZP 5X7 ODF 5'	128587	<a href="#">Bulletin 10-10</a>
SPE-10-C 5X7 ODF 5'	128398	<a href="#">Bulletin 10-10</a>
SPE-10-X 5X7 ODF 10'	128316	<a href="#">Bulletin 10-10</a>
SPE-10-ZP 5X9 ODF 5'	128681	<a href="#">Bulletin 10-10</a>
SS-1/2-C 4X5 ODF 5'	128179	<a href="#">Bulletin 10-10</a>
SS-1/2-ZP 4X5 ODF 5'	128200	<a href="#">Bulletin 10-10</a>
SS-1/4-ZP 4X5 ODF 5'	128645	<a href="#">Bulletin 10-10</a>
SS-2-C 4X5 ODF 5'	128930	<a href="#">Bulletin 10-10</a>
SS-3-C 4X7 ODF 5'	128931	<a href="#">Bulletin 10-10</a>
SS-4-C 4X7 ODF 5'	128932	<a href="#">Bulletin 10-10</a>
SS-4-Z 4X7 ODF 5'	128941	<a href="#">Bulletin 10-10</a>
SSE-1-1/2-C 4X5 ODF 5'	128174	<a href="#">Bulletin 10-10</a>
SSE-1-1/2-X 4X5 ODF 5'	128219	<a href="#">Bulletin 10-10</a>
SSE-1-1/2-Z 4X5 ODF 5'	128244	<a href="#">Bulletin 10-10</a>
SSE-1-1/2-ZP 3X5 ODF 5'	128284	<a href="#">Bulletin 10-10</a>
SSE-1-1/2-ZP 4X5 ODF 5'	128390	<a href="#">Bulletin 10-10</a>
SSE-1-C 4X5 ODF 5'	128171	<a href="#">Bulletin 10-10</a>
SSE-1-X 3X4 ODF 5'	129352	<a href="#">Bulletin 10-10</a>
SSE-1-X 3X7 ODF 5'	128265	<a href="#">Bulletin 10-10</a>
SSE-1-X 4X5 ODF 5'	128857	<a href="#">Bulletin 10-10</a>
SSE-1-Z 4X5 ODF 5'	128114	<a href="#">Bulletin 10-10</a>
SSE-1-Z 4X7 ODF 5'	140403	<a href="#">Bulletin 10-10</a>
SSE-1-ZP 3X4 ODF 5'	128604	<a href="#">Bulletin 10-10</a>
SSE-1-ZP 4X5 ODF 5'	128170	<a href="#">Bulletin 10-10</a>
SSE-1-ZP40 4X5 ODF 5'	128260	<a href="#">Bulletin 10-10</a>
SSE-1/2-C 3X5 ODF 5'	129195	<a href="#">Bulletin 10-10</a>
SSE-1/2-Z 4X5 ODF 5'	128256	<a href="#">Bulletin 10-10</a>
SSE-1/2-ZP 4X5 ODF 5'	128176	<a href="#">Bulletin 10-10</a>
SSE-10-C 5X7 ODF 5'	128270	<a href="#">Bulletin 10-10</a>
SSE-10-C 7X9 ODF 5'	128226	<a href="#">Bulletin 10-10</a>
SSE-10-CP115 5X7 ODF 5'	128362	<a href="#">Bulletin 10-10</a>
SSE-10-Z 5X7 ODF 5'	129291	<a href="#">Bulletin 10-10</a>
SSE-10-ZP 5X7 ODF 5'	128221	<a href="#">Bulletin 10-10</a>
SSE-2-C 4X5 ODF 5'	128933	<a href="#">Bulletin 10-10</a>
SSE-2-C 4X7 ODF 5'	129046	<a href="#">Bulletin 10-10</a>
SSE-2-CP115 4X5 ODF 5'	128106	<a href="#">Bulletin 10-10</a>
SSE-2-L1 4X5 ODF 5'	128805	<a href="#">Bulletin 10-10</a>
SSE-2-X 4X5 ODF 5'	128389	<a href="#">Bulletin 10-10</a>
SSE-2-X 4X7 ODF 5'	129171	<a href="#">Bulletin 10-10</a>
SSE-2-Z 4X5 ODF 5'	128943	<a href="#">Bulletin 10-10</a>
SSE-2-Z 4X7 ODF 5'	128305	<a href="#">Bulletin 10-10</a>
SSE-2-ZP 4X5 ODF 5'	128952	<a href="#">Bulletin 10-10</a>
SSE-2-ZP 4X7 ODF 5'	129063	<a href="#">Bulletin 10-10</a>
SSE-3-C 4X5 ODF 5'	128109	<a href="#">Bulletin 10-10</a>
SSE-3-C 4X7 ODF 5'	128934	<a href="#">Bulletin 10-10</a>
SSE-3-C 4X9 ODF 5'	128237	<a href="#">Bulletin 10-10</a>
SSE-3-CP115 4X5 ODF 5'	129076	<a href="#">Bulletin 10-10</a>
SSE-3-CP115 4X7 ODF 5'	129028	<a href="#">Bulletin 10-10</a>
SSE-3-X 4X7 ODF 5'	128112	<a href="#">Bulletin 10-10</a>
SSE-3-Z 4X5 ODF 5'	129008	<a href="#">Bulletin 10-10</a>
SSE-3-Z 4X7 ODF 5'	128944	<a href="#">Bulletin 10-10</a>
SSE-3-Z 4X9 ODF 5'	129045	<a href="#">Bulletin 10-10</a>
SSE-3-ZP 4X5 ODF 5'	129013	<a href="#">Bulletin 10-10</a>
SSE-3-ZP 4X7 ODF 5'	128953	<a href="#">Bulletin 10-10</a>
SSE-4-C 4X5 ODF 5'	128113	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
SSE-4-C 4X7 ODF 5'	128936	<a href="#">Bulletin 10-10</a>
SSE-4-C 4X9 ODF 5'	129170	<a href="#">Bulletin 10-10</a>
SSE-4-C 5X7 ODF 5'	129158	<a href="#">Bulletin 10-10</a>
SSE-4-CP115 4X5 ODF 5'	129010	<a href="#">Bulletin 10-10</a>
SSE-4-CP115 4X7 ODF 5'	128990	<a href="#">Bulletin 10-10</a>
SSE-4-X 4X7 ODF 5'	129043	<a href="#">Bulletin 10-10</a>
SSE-4-Z 4X5 ODF 5'	128889	<a href="#">Bulletin 10-10</a>
SSE-4-Z 4X7 ODF 5'	128945	<a href="#">Bulletin 10-10</a>
SSE-4-Z 4X9 ODF 5'	129164	<a href="#">Bulletin 10-10</a>
SSE-4-ZP 4X5 ODF 5'	129003	<a href="#">Bulletin 10-10</a>
SSE-4-ZP 4X7 ODF 5'	128954	<a href="#">Bulletin 10-10</a>
SSE-4-ZP 4X9 ODF 5'	128880	<a href="#">Bulletin 10-10</a>
SSE-4-ZP 5X7 ODF 5'	128886	<a href="#">Bulletin 10-10</a>
SSE-6-C 4X5 ODF 5'	128814	<a href="#">Bulletin 10-10</a>
SSE-6-C 4X7 ODF 5'	128101	<a href="#">Bulletin 10-10</a>
SSE-6-C 5X7 ODF 5'	128937	<a href="#">Bulletin 10-10</a>
SSE-6-C 5X9 ODF 5'	128801	<a href="#">Bulletin 10-10</a>
SSE-6-CP115 4X7 ODF 5'	129366	<a href="#">Bulletin 10-10</a>
SSE-6-CP115 5X7 ODF 5'	128103	<a href="#">Bulletin 10-10</a>
SSE-6-Z 4X7 ODF 5'	129151	<a href="#">Bulletin 10-10</a>
SSE-6-Z 5X7 ODF 5'	128946	<a href="#">Bulletin 10-10</a>
SSE-6-Z 5X9 ODF 5'	128803	<a href="#">Bulletin 10-10</a>
SSE-6-ZP 4X7 ODF 5'	129101	<a href="#">Bulletin 10-10</a>
SSE-6-ZP 4X9 ODF 5'	128844	<a href="#">Bulletin 10-10</a>
SSE-6-ZP 5X7 ODF 5'	128955	<a href="#">Bulletin 10-10</a>
SSE-6-ZP 5X9 ODF 5'	128839	<a href="#">Bulletin 10-10</a>
SSE-7-C 5X7 ODF 5'	128938	<a href="#">Bulletin 10-10</a>
SSE-7-C 5X9 ODF 5'	129090	<a href="#">Bulletin 10-10</a>
SSE-7-CP115 5X7 ODF 5'	128823	<a href="#">Bulletin 10-10</a>
SSE-7-CP115 7X9 ODF 5'	129248	<a href="#">Bulletin 10-10</a>
SSE-7-Z 4X7 ODF 5'	128885	<a href="#">Bulletin 10-10</a>
SSE-7-Z 5X7 ODF 5'	128947	<a href="#">Bulletin 10-10</a>
SSE-7-Z 5X9 ODF 5'	128838	<a href="#">Bulletin 10-10</a>
SSE-7-ZP 5X7 ODF 5'	128957	<a href="#">Bulletin 10-10</a>
SSE-7-ZP 5X9 ODF 5'	128887	<a href="#">Bulletin 10-10</a>
SSSE-3-C 3X5 ODF 5'	128664	<a href="#">Bulletin 10-10</a>
SSSE-3-Z 3X5 ODF 5'	128665	<a href="#">Bulletin 10-10</a>
SSSE-3-Z 3X7 ODF 5'	128670	<a href="#">Bulletin 10-10</a>
SSSE-4-C 3X5 ODF 5'	128654	<a href="#">Bulletin 10-10</a>
SSSE-4-C 3X7 ODF 5'	128669	<a href="#">Bulletin 10-10</a>
SSSE-4-Z 3X5 ODF 5'	128663	<a href="#">Bulletin 10-10</a>
SSSE-4-Z 3X7 ODF 5'	128671	<a href="#">Bulletin 10-10</a>
SSSE-4-ZP 3X7 ODF 5'	128680	<a href="#">Bulletin 10-10</a>
SV-1-1/2-C 4X5 ODF 5'	130139	<a href="#">Bulletin 10-10</a>
SV-1-1/2-Z 4X5 ODF 5'	131070	<a href="#">Bulletin 10-10</a>
SV-1-C 4X5 ODF 5'	130034	<a href="#">Bulletin 10-10</a>
SV-1/2-C 4X5 ODF 5'	129950	<a href="#">Bulletin 10-10</a>
SV-10-C 4X7 ODF 5'	130815	<a href="#">Bulletin 10-10</a>
SV-10-C 5X7 ODF 5'	130816	<a href="#">Bulletin 10-10</a>
SV-10-Z 5X7 ODF 5'	130802	<a href="#">Bulletin 10-10</a>
SV-2-C 3X5 ODF 5'	130223	<a href="#">Bulletin 10-10</a>
SV-2-C 4X5 ODF 5'	130237	<a href="#">Bulletin 10-10</a>
SV-3-C 4X5 ODF 5'	130377	<a href="#">Bulletin 10-10</a>
SV-3-C 4X7 ODF 5'	130384	<a href="#">Bulletin 10-10</a>
SV-4-C 4X7 ODF 5'	130524	<a href="#">Bulletin 10-10</a>
SV-4-Z 4X7 ODF 5'	131455	<a href="#">Bulletin 10-10</a>
SV-5-C 4X7 ODF 5'	130664	<a href="#">Bulletin 10-10</a>
SV-5-C 5X9 ODF 5'	130666	<a href="#">Bulletin 10-10</a>
SV-8-C 4X7 ODF 5'	130773	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-C 3X7 ODF 5'	130210	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-C 4X5 ODF 5'	130188	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE S

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
SVE-1-1/2-C 4X7 ODF 5'	130195	<a href="#">Bulletin 10-10</a>	SVE-4-Z 4X5 ODF 5'	131518	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-CP100 3X5 ODF 5'	129509	<a href="#">Bulletin 10-10</a>	SVE-4-Z 4X7 ODF 5'	131525	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-CP100 3X7 ODF 5'	128405	<a href="#">Bulletin 10-10</a>	SVE-4-ZP 4X7 ODF 5'	132456	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-CP100 4X5 ODF 5'	129523	<a href="#">Bulletin 10-10</a>	SVE-4-ZP40 4X7 ODF 5'	145775	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-GA 3X5 ODF 5'	128991	<a href="#">Bulletin 10-10</a>	SVE-5-C 4X7 ODF 5'	130734	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-GA 4X5 ODF 5'	129005	<a href="#">Bulletin 10-10</a>	SVE-5-C 4X9 ODF 5'	130741	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-GA 4X7 ODF 5'	129012	<a href="#">Bulletin 10-10</a>	SVE-5-C 5X7 ODF 5'	130742	<a href="#">Bulletin 10-10</a>
SVE-1-1/2-Z 4X5 ODF 5'	131119	<a href="#">Bulletin 10-10</a>	SVE-5-C 5X9 ODF 5'	130743	<a href="#">Bulletin 10-10</a>
SVE-1-C 3X5 ODF 5'	130069	<a href="#">Bulletin 10-10</a>	SVE-5-CP100 4X5 ODF 5'	129782	<a href="#">Bulletin 10-10</a>
SVE-1-C 4X5 ODF 5'	130083	<a href="#">Bulletin 10-10</a>	SVE-5-CP100 4X5 SAE 5'	129824	<a href="#">Bulletin 10-10</a>
SVE-1-CP100 4X5 ODF 5'	129474	<a href="#">Bulletin 10-10</a>	SVE-5-CP100 4X7 ODF 5'	129789	<a href="#">Bulletin 10-10</a>
SVE-1-CP100 4X7 ODF 5'	129481	<a href="#">Bulletin 10-10</a>	SVE-5-CP100 4X9 ODF 5'	129796	<a href="#">Bulletin 10-10</a>
SVE-1-L1 4X5 ODF 5'	133443	<a href="#">Bulletin 10-10</a>	SVE-5-CP100 5X7 ODF 5'	129797	<a href="#">Bulletin 10-10</a>
SVE-1-ZP40 4X5 ODF 5'	145698	<a href="#">Bulletin 10-10</a>	SVE-5-CP100 5X9 ODF 5'	129798	<a href="#">Bulletin 10-10</a>
SVE-1/2-C 4X5 ODF 5'	129992	<a href="#">Bulletin 10-10</a>	SVE-5-CP60 4X7 ODF 5'	129702	<a href="#">Bulletin 10-10</a>
SVE-1/2-CP100 4X5 ODF 5'	129432	<a href="#">Bulletin 10-10</a>	SVE-5-CP85 4X7 ODF 5'	129760	<a href="#">Bulletin 10-10</a>
SVE-1/2-CP85 3X4 ODF 5'	129413	<a href="#">Bulletin 10-10</a>	SVE-5-GA 4X4 ODF 5'	129257	<a href="#">Bulletin 10-10</a>
SVE-1/2-GA 4X5 ODF 5'	128914	<a href="#">Bulletin 10-10</a>	SVE-5-GA 4X5 ODF 5'	129264	<a href="#">Bulletin 10-10</a>
SVE-1/2-L1 4X5 ODF 5'	133380	<a href="#">Bulletin 10-10</a>	SVE-5-GA 4X7 ODF 5'	129271	<a href="#">Bulletin 10-10</a>
SVE-1/4-C 4X5 ODF 5'	128193	<a href="#">Bulletin 10-10</a>	SVE-5-GA 5X7 ODF 5'	129279	<a href="#">Bulletin 10-10</a>
SVE-1/4-CP100 4X5 ODF 5'	128393	<a href="#">Bulletin 10-10</a>	SVE-5-GA 5X9 ODF 5'	129280	<a href="#">Bulletin 10-10</a>
SVE-2-C 3X5 ODF 5'	130293	<a href="#">Bulletin 10-10</a>	SVE-5-Z 5X7 ODF 5'	145845	<a href="#">Bulletin 10-10</a>
SVE-2-C 4X5 ODF 5'	130307	<a href="#">Bulletin 10-10</a>	SVE-5-Z 4X7 ODF 5'	131665	<a href="#">Bulletin 10-10</a>
SVE-2-C 4X7 ODF 5'	130314	<a href="#">Bulletin 10-10</a>	SVE-5-ZP 4X7 ODF 5'	132596	<a href="#">Bulletin 10-10</a>
SVE-2-CP100 3X5 ODF 5'	129558	<a href="#">Bulletin 10-10</a>	SVE-5-ZP40 4X7 ODF 5'	145796	<a href="#">Bulletin 10-10</a>
SVE-2-CP100 4X5 ODF 5'	129572	<a href="#">Bulletin 10-10</a>	SVE-8-C 4X7 ODF 5'	130783	<a href="#">Bulletin 10-10</a>
SVE-2-CP100 4X7 ODF 5'	129579	<a href="#">Bulletin 10-10</a>	SVE-8-C 5X5 SAE 5'	130812	<a href="#">Bulletin 10-10</a>
SVE-2-GA 3X5 ODF 5'	129040	<a href="#">Bulletin 10-10</a>	SVE-8-C 5X7 ODF 5'	130797	<a href="#">Bulletin 10-10</a>
SVE-2-GA 4X5 ODF 5'	129054	<a href="#">Bulletin 10-10</a>	SVE-8-C 5X9 ODF 5'	130804	<a href="#">Bulletin 10-10</a>
SVE-2-GA 4X7 ODF 5'	129061	<a href="#">Bulletin 10-10</a>	SVE-8-C 7X9 ODF 5'	130800	<a href="#">Bulletin 10-10</a>
SVE-2-L1 4X5 ODF 5'	133597	<a href="#">Bulletin 10-10</a>	SVE-8-CP100 4X7 ODF 5'	129838	<a href="#">Bulletin 10-10</a>
SVE-2-Z 4X5 ODF 5'	131238	<a href="#">Bulletin 10-10</a>	SVE-8-CP100 5X5 SAE 5'	129873	<a href="#">Bulletin 10-10</a>
SVE-2-ZP 4X5 ODF 5'	132169	<a href="#">Bulletin 10-10</a>	SVE-8-CP100 5X7 ODF 5'	129852	<a href="#">Bulletin 10-10</a>
SVE-2-ZP40 4X5 ODF 5'	145732	<a href="#">Bulletin 10-10</a>	SVE-8-CP100 5X9 ODF 5'	129859	<a href="#">Bulletin 10-10</a>
SVE-3-C 3X5 ODF 5'	130433	<a href="#">Bulletin 10-10</a>	SVE-8-CP85 5X7 ODF 5'	128477	<a href="#">Bulletin 10-10</a>
SVE-3-C 4X5 ODF 5'	130447	<a href="#">Bulletin 10-10</a>	SVE-8-GA 3X7 ODF 5'	129312	<a href="#">Bulletin 10-10</a>
SVE-3-C 4X7 ODF 5'	130454	<a href="#">Bulletin 10-10</a>	SVE-8-GA 4X5 ODF 5'	129313	<a href="#">Bulletin 10-10</a>
SVE-3-C 4X9 ODF 5'	130461	<a href="#">Bulletin 10-10</a>	SVE-8-GA 4X5 SAE 5'	129348	<a href="#">Bulletin 10-10</a>
SVE-3-CP100 3X5 ODF 5'	129628	<a href="#">Bulletin 10-10</a>	SVE-8-GA 4X7 ODF 5'	129320	<a href="#">Bulletin 10-10</a>
SVE-3-CP100 4X5 ODF 5'	129642	<a href="#">Bulletin 10-10</a>	SVE-8-GA 5X5 SAE 5'	129355	<a href="#">Bulletin 10-10</a>
SVE-3-CP100 4X7 ODF 5'	129649	<a href="#">Bulletin 10-10</a>	SVE-8-GA 5X7 ODF 10'	129335	<a href="#">Bulletin 10-10</a>
SVE-3-GA 3X4 ODF 5'	129103	<a href="#">Bulletin 10-10</a>	SVE-8-GA 5X7 ODF 5'	129334	<a href="#">Bulletin 10-10</a>
SVE-3-GA 3X5 ODF 5'	129110	<a href="#">Bulletin 10-10</a>	SVE-8-GA 5X9 ODF 5'	129341	<a href="#">Bulletin 10-10</a>
SVE-3-GA 3X7 ODF 5'	129111	<a href="#">Bulletin 10-10</a>	SVE-8-GA 7X9 ODF 5'	129357	<a href="#">Bulletin 10-10</a>
SVE-3-GA 4X5 ODF 5'	129118	<a href="#">Bulletin 10-10</a>	SVE-8-Z 5X7 ODF 5'	131728	<a href="#">Bulletin 10-10</a>
SVE-3-GA 4X7 ODF 5'	129131	<a href="#">Bulletin 10-10</a>	SVE-8-ZP 5X7 ODF 5'	132659	<a href="#">Bulletin 10-10</a>
SVE-3-L1 4X5 ODF 5'	133681	<a href="#">Bulletin 10-10</a>	SVE-8-ZP40 5X7 ODF 5'	145806	<a href="#">Bulletin 10-10</a>
SVE-3-Z 4X5 ODF 5'	131378	<a href="#">Bulletin 10-10</a>	SVE-8-ZP40 5X9 ODF 5'	145808	<a href="#">Bulletin 10-10</a>
SVE-3-ZP 4X5 ODF 5'	132309	<a href="#">Bulletin 10-10</a>	SVE-10-C 5X7 ODF 5'	130839	<a href="#">Bulletin 10-10</a>
SVE-3-ZP40 4X5 ODF 5'	145753	<a href="#">Bulletin 10-10</a>	SVE-10-C 5X9 ODF 5'	130846	<a href="#">Bulletin 10-10</a>
SVE-4-C 4X5 ODF 5'	130587	<a href="#">Bulletin 10-10</a>	SVE-10-CP100 4X7 ODF 5'	129887	<a href="#">Bulletin 10-10</a>
SVE-4-C 4X5 SAE 5'	130629	<a href="#">Bulletin 10-10</a>	SVE-10-CP100 5X7 ODF 5'	129901	<a href="#">Bulletin 10-10</a>
SVE-4-C 4X7 ODF 5'	130594	<a href="#">Bulletin 10-10</a>	SVE-10-CP100 5X9 ODF 5'	129908	<a href="#">Bulletin 10-10</a>
SVE-4-CP100 4X5 ODF 5'	129712	<a href="#">Bulletin 10-10</a>	SVE-10-CP85 5X7 ODF 5'	128489	<a href="#">Bulletin 10-10</a>
SVE-4-CP100 4X5 SAE 5'	129754	<a href="#">Bulletin 10-10</a>	SVE-10-GA 4X5 ODF 5'	129362	<a href="#">Bulletin 10-10</a>
SVE-4-CP100 4X7 ODF 5'	129719	<a href="#">Bulletin 10-10</a>	SVE-10-GA 4X7 ODF 5'	129369	<a href="#">Bulletin 10-10</a>
SVE-4-CP85 4X5 ODF 5'	128583	<a href="#">Bulletin 10-10</a>	SVE-10-GA 5X7 ODF 5'	129383	<a href="#">Bulletin 10-10</a>
SVE-4-CP85 4X7 ODF 5'	128453	<a href="#">Bulletin 10-10</a>	SVE-10-GA 5X9 ODF 5'	129390	<a href="#">Bulletin 10-10</a>
SVE-4-GA 4X5 ODF 5'	129194	<a href="#">Bulletin 10-10</a>	SVE-10-GA 7X9 ODF 5'	129419	<a href="#">Bulletin 10-10</a>
SVE-4-GA 4X7 ODF 5'	129201	<a href="#">Bulletin 10-10</a>	SVE-10-Z 5X7 ODF 5'	131770	<a href="#">Bulletin 10-10</a>
SVE-4-GA 4X9 ODF 5'	129208	<a href="#">Bulletin 10-10</a>	SVE-10-ZP 5X7 ODF 5'	132701	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## TYPE S

DESCRIPTION	ITEM #	BULLETIN
SVE-10-ZP40 5X7 ODF 5'	145813	<a href="#">Bulletin 10-10</a>
SVE-10-ZP40 5X9 ODF 5'	145815	<a href="#">Bulletin 10-10</a>
SVE-15-C 5X7 ODF 5'	128205	<a href="#">Bulletin 10-10</a>
SVE-15-CP100 5X7 ODF 5'	128497	<a href="#">Bulletin 10-10</a>
SVE-15-CP100 5X9 ODF 5'	129414	<a href="#">Bulletin 10-10</a>
SVE-15-CP100 7X9 ODF 5'	129409	<a href="#">Bulletin 10-10</a>
SVE-15-GA 5X7 ODF 5'	128595	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
SVE-15-GA 5X9 ODF 5'	128570	<a href="#">Bulletin 10-10</a>
SVE-15-GA 7X9 ODF 5'	129407	<a href="#">Bulletin 10-10</a>
SVE-15-Z 5X7 ODF 5'	129416	<a href="#">Bulletin 10-10</a>
SWE-1-GP 3X5 ODF 5'	129220	<a href="#">Bulletin 10-10</a>
SWE-1-GP 4X5 ODF 5'	145378	<a href="#">Bulletin 10-10</a>
SWE-1/2-GP 3X4 ODF 5'	145306	<a href="#">Bulletin 10-10</a>
SWE-1/2-GP15 4X5 ODF 5'	145372	<a href="#">Bulletin 10-10</a>

## TYPE V

DESCRIPTION	ITEM #	BULLETIN
VJE-35-C LESS CONN 5'	147019	<a href="#">Bulletin 10-10</a>
VJE-35-CP60 LESS CONN 5'	147011	<a href="#">Bulletin 10-10</a>
VPE-50-C LESS CONN 5'	147151	<a href="#">Bulletin 10-10</a>
VPE-50-Z LESS CONN 5'	146836	<a href="#">Bulletin 10-10</a>
VPE-70-C LESS CONN 5'	146665	<a href="#">Bulletin 10-10</a>
VSE-50-C LESS CONN 5'	146669	<a href="#">Bulletin 10-10</a>
VSE-50-Z LESS CONN 5'	146698	<a href="#">Bulletin 10-10</a>
VSE-70-C LESS CONN 5'	147207	<a href="#">Bulletin 10-10</a>
VSE-70-Z LESS CONN 5'	147208	<a href="#">Bulletin 10-10</a>
VVE-52-C LESS CONN 5'	146799	<a href="#">Bulletin 10-10</a>
VVE-52-CP100 LESS CONN 10'	146704	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
VVE-52-CP100 LESS CONN 5'	146701	<a href="#">Bulletin 10-10</a>
VVE-52-Z LESS CONN 5'	146681	<a href="#">Bulletin 10-10</a>
VVE-52-ZP LESS CONN 5'	146682	<a href="#">Bulletin 10-10</a>
VVE-70-C LESS CONN 10'	146683	<a href="#">Bulletin 10-10</a>
VVE-70-C LESS CONN 5'	146684	<a href="#">Bulletin 10-10</a>
VVE-70-CP100 LESS CONN 10'	146686	<a href="#">Bulletin 10-10</a>
VVE-70-CP100 LESS CONN 5'	146736	<a href="#">Bulletin 10-10</a>
VVE-70-Z LESS CONN 5'	146690	<a href="#">Bulletin 10-10</a>
VVE-100-C LESS CONN 10'	146670	<a href="#">Bulletin 10-10</a>
VVE-100-C LESS CONN 5'	146862	<a href="#">Bulletin 10-10</a>
VVE-100-CP100 LESS CONN 5'	146764	<a href="#">Bulletin 10-10</a>

## TYPE W

DESCRIPTION	ITEM #	BULLETIN
WJE-80-C LESS CONN 10'	147533	<a href="#">Bulletin 10-10</a>
WPE-100-C LESS CONN 10'	147507	<a href="#">Bulletin 10-10</a>

DESCRIPTION	ITEM #	BULLETIN
WVE-135-C LESS CONN 10'	147485	<a href="#">Bulletin 10-10</a>
WVE-135-CP100 LESS CONN 10'	147469	<a href="#">Bulletin 10-10</a>

# Thermostatic Expansion Valves

## REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
0694-080 LOWER SPRING	183169	<a href="#">Bulletin 122</a>	621-016 O-RING -ENCLOSING TUBE	183690	<a href="#">Bulletin 122</a>
0694-086 SPRING	183171	<a href="#">Bulletin 122</a>	621-017 O-RING	183606	<a href="#">Bulletin 122</a>
0694-090 SPRING	183173	<a href="#">Bulletin 122</a>	621-021 O-RING	958118	<a href="#">Bulletin 122</a>
1053-000 SEAL CAP	183888	<a href="#">Bulletin 122</a>	621-024 O-RING -ENCLOSING TUBE	183701	<a href="#">Bulletin 122</a>
106-004 GASKET, FLANGE	183746	<a href="#">Bulletin 122</a>	621-025 O-RING -ENCLOSING TUBE	183702	<a href="#">Bulletin 122</a>
106-005 GASKET, SEAL CAP	183825	<a href="#">Bulletin 122</a>	621-028 O-RING - SORIT/CDA	183602	<a href="#">Bulletin 122</a>
1178-000 ADAPTOR	183432	<a href="#">Bulletin 122</a>	621-127 O-RING	908077	<a href="#">Bulletin 122</a>
1179-000 ADAPTOR SPACER	183435	<a href="#">Bulletin 122</a>	621-129 O-RING - SORIT/CDS	183603	<a href="#">Bulletin 122</a>
123-000 METAL GASKETS (2) KIT	183750	<a href="#">Bulletin 122</a>	772-000 INLET STRAINER 1/4 SAE	183019	<a href="#">Bulletin 122</a>
123-000 METAL GSKT KIT 1 PC	183751	<a href="#">Bulletin 122</a>	791-001 CARTRIDGE O-RING	184004	<a href="#">Bulletin 122</a>
123-001 GASKET, ELEMENT	183635	<a href="#">Bulletin 122</a>	AW-1 4MM ALLEN WRENCH	184002	<a href="#">Bulletin 122</a>
123-002 GASKET BOTTOM/BUSHING	183620	<a href="#">Bulletin 122</a>	BASIC Q BENCH	168396	<a href="#">Bulletin 122</a>
123-003 SEAL CAP GASKET	183104	<a href="#">Bulletin 122</a>	BOLT 1/2" -13 THD X 5-1/2"	183085	<a href="#">Bulletin 122</a>
123-004 GASKET, FLANGE	183765	<a href="#">Bulletin 122</a>	BOLT 1/2" -13 THD X 6-1/2"	183081	<a href="#">Bulletin 122</a>
123-005 GASKET, BOTTOM CAP	183625	<a href="#">Bulletin 122</a>	BOLT KIT #4 (M, V, & W)	183162	<a href="#">Bulletin 122</a>
128-001 PUSHROD PCKG NUT (1)	183422	<a href="#">Bulletin 122</a>	BOLT KIT #7 (H)	183170	<a href="#">Bulletin 122</a>
129-000 PUSHROD PCKG GLAND (1)	183421	<a href="#">Bulletin 122</a>	BQ CARTRIDGE TOOL - 4444-000	184008	<a href="#">Bulletin 122</a>
148-000 MALE PIPE ADAPTER	183437	<a href="#">Bulletin 122</a>	BQ CASE (CARRYING CASE) EMPTY	168398	<a href="#">Bulletin 122</a>
1524-000 SCREEN, INLET 3/8 ODF	183026	<a href="#">Bulletin 122</a>	BQC-A BLUE CARTRIDGE & TAG	168306	<a href="#">Bulletin 122</a>
1543-002 SCREEN, INLET 1/4 ODF	183020	<a href="#">Bulletin 122</a>	BQC-A-B15 CARTRIDGE & TAG	168702	<a href="#">Bulletin 122</a>
1806-002 ADJUSTMENT SCREW	183130	<a href="#">Bulletin 122</a>	BQC-AA YELLOW CARTRIDGE & TAG	168304	<a href="#">Bulletin 122</a>
184000 CART SERV KIT-Q COMP	184000	<a href="#">Bulletin 122</a>	BQC-AA-B15 CARTRIDGE & TAG	168701	<a href="#">Bulletin 122</a>
184007 CART SERV KIT-BQ COMP	184007	<a href="#">Bulletin 122</a>	BQC-AAA RED CARTRIDGE & TAG	168303	<a href="#">Bulletin 122</a>
1935-000 STRAINER ASSY	183378	<a href="#">Bulletin 122</a>	BQC-B PINK CARTRIDGE & TAG	168307	<a href="#">Bulletin 122</a>
20326-000 SEAL CAP	183884	<a href="#">Bulletin 122</a>	BQC-B-B15 CARTRIDGE & TAG	168703	<a href="#">Bulletin 122</a>
220-000 SEAL CAP	183880	<a href="#">Bulletin 122</a>	BQC-C WHITE CARTRIDGE & TAG	168308	<a href="#">Bulletin 122</a>
220-001 (348-1) SEAL CAP	183882	<a href="#">Bulletin 122</a>	BQC-C-B15 CARTRIDGE & TAG	168704	<a href="#">Bulletin 122</a>
225-002 FLANGE-PIPE 1/2" FPT	183472	<a href="#">Bulletin 122</a>	DELUXE Q BENCH	168397	<a href="#">Bulletin 122</a>
2384-000 Q-VALVE PUSHROD	183012	<a href="#">Bulletin 122</a>	EXT EQ ADPT 1/4" ROLL STOP 12"	184020	<a href="#">Bulletin 122</a>
2539-000 GASKET (CDA/SORIT 20)	183604	<a href="#">Bulletin 122</a>	K-1178-H FLANGE ADAPTOR KIT	183440	<a href="#">Bulletin 122</a>
2625-001 CAP SCREW	183058	<a href="#">Bulletin 122</a>	KA-3 BOTTOM CAP ASSEMBLY KIT	183005	<a href="#">Bulletin 122</a>
2625-002 CAP SCREW	183060	<a href="#">Bulletin 122</a>	KA-4 BOTTOM CAP ASSEMBLY KIT	183006	<a href="#">Bulletin 122</a>
2645-000 TETRASEAL	183675	<a href="#">Bulletin 122</a>	KA-5X BOTTOM CAP ASSEMBLY KIT	183007	<a href="#">Bulletin 122</a>
2688-000 TEFLON GASKET KIT	183899	<a href="#">Bulletin 122</a>	KA-6 BOTTOM CAP ASSEMBLY KIT	183009	<a href="#">Bulletin 122</a>
3146-000 FLANGE - SOCKET WELD	183046	<a href="#">Bulletin 122</a>	KA-7 BOTTOM CAP ASSEMBLY KIT	183010	<a href="#">Bulletin 122</a>
3427-000 INLET STRAINER	183002	<a href="#">Bulletin 122</a>	KA-8 BOTTOM CAP ASSEMBLY KIT	183011	<a href="#">Bulletin 122</a>
361-000 FLANGE 7/8" ODF	183061	<a href="#">Bulletin 122</a>	KA-I/BI BOTTOM CAP KIT (I/BI)	183013	<a href="#">Bulletin 122</a>
361-001 FLANGE 1-1/8" ODF	183063	<a href="#">Bulletin 122</a>	KA-Y1132 BOTTOM CAP KIT	183048	<a href="#">Bulletin 122</a>
362-000 FLANGE-PIPE 1" FPT	183454	<a href="#">Bulletin 122</a>	KIT - SPORLAN 1/2 AERO	183368	<a href="#">Bulletin 122</a>
363-000 FLANGE 1-3/8" ODF	183065	<a href="#">Bulletin 122</a>	KIT - SPORLAN 1/2 CHATLEFF	183370	<a href="#">Bulletin 122</a>
364-000 FLANGE 1-5/8" ODF	183067	<a href="#">Bulletin 122</a>	KIT - SPORLAN 3/8 SAE	183371	<a href="#">Bulletin 122</a>
367-001 BUSHING 7/8" ODF	183047	<a href="#">Bulletin 122</a>	KIT - SPORLAN 5/8 AERO	183367	<a href="#">Bulletin 122</a>
368-000 BUSHING 1-1/8" ODF	183049	<a href="#">Bulletin 122</a>	KIT - SPORLAN 5/8 CHATLEFF	183369	<a href="#">Bulletin 122</a>
368-001 BUSHING 1-3/8" ODF	183053	<a href="#">Bulletin 122</a>	KIT - SVD ADAPT FTG CLIP STRIP	184013	<a href="#">Bulletin 122</a>
370-000 BUSHING 1-5/8" ODF	183055	<a href="#">Bulletin 122</a>	KIT 22721-000 SSCLMP 1/2SINGL	183554	<a href="#">Bulletin 122</a>
4169-000 SEAL CAP	183200	<a href="#">Bulletin 122</a>	KIT 6744-000 SS CLMP 3/4 W/INS	183445	<a href="#">Bulletin 122</a>
4269-000 STRAINER & PIN ASSY	183154	<a href="#">Bulletin 122</a>	KP01-0002 TEV INTERNAL PARTS	183189	<a href="#">Bulletin 122</a>
4323-000 WOLVERINE GASKET	183184	<a href="#">Bulletin 122</a>	KP01-0005 TEV INTERNAL PARTS	183191	<a href="#">Bulletin 122</a>
4543-000 OF-4 GASKET	183361	<a href="#">Bulletin 122</a>	KP01-0010 TEV INTERNAL PARTS	183193	<a href="#">Bulletin 122</a>
5527-001 PLAIN WHITE BOX	552701	<a href="#">Bulletin 122</a>	KP01-0015 TEV INTERNAL PARTS	183195	<a href="#">Bulletin 122</a>
559-000 LOWER SPRING	183157	<a href="#">Bulletin 122</a>	KP02-0002 PARTS KIT	183197	<a href="#">Bulletin 122</a>
561-000 LOWER SPRING	183159	<a href="#">Bulletin 122</a>	KP02-0005 PARTS KIT	183199	<a href="#">Bulletin 122</a>
574-002 BUSHING 5/8" ODF	183037	<a href="#">Bulletin 122</a>	KP02-0010 PARTS KIT	183201	<a href="#">Bulletin 122</a>
574-004 BUSHING - SOLDER	183039	<a href="#">Bulletin 122</a>	KP02-0015 PARTS KIT	183203	<a href="#">Bulletin 122</a>
575-000 BUSHING 1-1/8" ODF	183041	<a href="#">Bulletin 122</a>	KP02-0020 PARTS KIT	183205	<a href="#">Bulletin 122</a>
576-000 FLANGE 3/8-7/8" ODF	183057	<a href="#">Bulletin 122</a>	KP02-0025 PARTS KIT	183207	<a href="#">Bulletin 122</a>
580-000 FLANGE - MALE SKT WLD	183558	<a href="#">Bulletin 122</a>	KP02-0030 PARTS KIT	183209	<a href="#">Bulletin 122</a>
588-000 INLET STRAINER 3/8 SAE	183023	<a href="#">Bulletin 122</a>	KP02-0050 PARTS KIT	183211	<a href="#">Bulletin 122</a>
589-000 INLET STRAINER 1/2 SAE	183025	<a href="#">Bulletin 122</a>	KP02-0060 PARTS KIT	183213	<a href="#">Bulletin 122</a>
621-014 O-RING -ENCLOSING TUBE	183685	<a href="#">Bulletin 122</a>	KP03-0025 PARTS KIT	183225	<a href="#">Bulletin 122</a>
621-015 O-RING	183611	<a href="#">Bulletin 122</a>	KP08-0110 PARTS KIT	183233	<a href="#">Bulletin 122</a>

# Thermostatic Expansion Valves

## REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN
KP08-0130 PARTS KIT	183235	<a href="#">Bulletin 122</a>
KP08-0150 PARTS KIT	183237	<a href="#">Bulletin 122</a>
KP08-0200 PARTS KIT	183239	<a href="#">Bulletin 122</a>
KP08-0250 PARTS KIT	183241	<a href="#">Bulletin 122</a>
KP12-0050 PARTS KIT	183261	<a href="#">Bulletin 122</a>
KP12-0080 PARTS KIT	183263	<a href="#">Bulletin 122</a>
KP12-0120 PARTS KIT	183265	<a href="#">Bulletin 122</a>
KP13-0015 PARTS KIT	183267	<a href="#">Bulletin 122</a>
KP13-0040 PARTS KIT	183271	<a href="#">Bulletin 122</a>
KP13-0050 PARTS KIT	183273	<a href="#">Bulletin 122</a>
KP13-0080 PARTS KIT	183275	<a href="#">Bulletin 122</a>
KP13-0120 PARTS KIT	183277	<a href="#">Bulletin 122</a>
KP16-0350 PARTS KIT	183279	<a href="#">Bulletin 122</a>
KP16-0450 PARTS KIT	183281	<a href="#">Bulletin 122</a>
KP17-0800 PARTS KIT	183283	<a href="#">Bulletin 122</a>
KP19-0060 PARTS KIT	183285	<a href="#">Bulletin 122</a>
KP19-0090 PARTS KIT	183287	<a href="#">Bulletin 122</a>
KP19-0120 PARTS KIT	183289	<a href="#">Bulletin 122</a>
KP19-0160 PARTS KIT	183291	<a href="#">Bulletin 122</a>
KP20-0230 PARTS KIT	183293	<a href="#">Bulletin 122</a>
KP20-0320 PARTS KIT	183295	<a href="#">Bulletin 122</a>
KP20-0400 PARTS KIT	183297	<a href="#">Bulletin 122</a>
KT-33-8-NGA 5' ELEMENT	180044	<a href="#">Bulletin 122</a>
KT-33-8-VC 5' ELEMENT	179906	<a href="#">Bulletin 122</a>
KT-33-8-VCP100 5' ELEMENT	180040	<a href="#">Bulletin 122</a>
KT-33-EGP 5' ELEMENT	180123	<a href="#">Bulletin 122</a>
KT-33-FZ 5' ELEMENT	180083	<a href="#">Bulletin 122</a>
KT-33-GGP 5' ELEMENT	179912	<a href="#">Bulletin 122</a>
KT-33-JC 5' ELEMENT	180028	<a href="#">Bulletin 122</a>
KT-33-JC 10' ELEMENT	180000	<a href="#">Bulletin 122</a>
KT-33-JCP60 5' ELEMENT	180051	<a href="#">Bulletin 122</a>
KT-33-JCP60 10' ELEMENT	179999	<a href="#">Bulletin 122</a>
KT-33-L3 5' ELEMENT	180063	<a href="#">Bulletin 122</a>
KT-33-NGA 5' ELEMENT	180116	<a href="#">Bulletin 122</a>
KT-33-NGA 10' ELEMENT	180149	<a href="#">Bulletin 122</a>
KT-33-NGA 20' ELEMENT	180240	<a href="#">Bulletin 122</a>
KT-33-PZ 5' ELEMENT	179941	<a href="#">Bulletin 122</a>
KT-33-SC/PC 5' ELEMENT	183384	<a href="#">Bulletin 122</a>
KT-33-SC/PC 10' ELEMENT	183385	<a href="#">Bulletin 122</a>
KT-33-SCP115 5' ELEMENT	180110	<a href="#">Bulletin 122</a>
KT-33-SZ 5' ELEMENT	180088	<a href="#">Bulletin 122</a>
KT-33-SZ 10' ELEMENT	180124	<a href="#">Bulletin 122</a>
KT-33-SZP 5' ELEMENT	180102	<a href="#">Bulletin 122</a>
KT-33-SZP 10' ELEMENT	180122	<a href="#">Bulletin 122</a>
KT-33-VC 5' ELEMENT	180025	<a href="#">Bulletin 122</a>
KT-33-VC 10' ELEMENT	180133	<a href="#">Bulletin 122</a>
KT-33-VCP100 5' ELEMENT	180029	<a href="#">Bulletin 122</a>
KT-33-VCP100 10' ELEMENT	180137	<a href="#">Bulletin 122</a>
KT-33-VCP100 20' ELEMENT	180247	<a href="#">Bulletin 122</a>
KT-33-VCP85 5' ELEMENT	180033	<a href="#">Bulletin 122</a>
KT-33-VCP85 20' ELEMENT	180246	<a href="#">Bulletin 122</a>
KT-33-VN 5' ELEMENT	180045	<a href="#">Bulletin 122</a>
KT-33-VN 10' ELEMENT	180153	<a href="#">Bulletin 122</a>
KT-33-VN 20' ELEMENT	180154	<a href="#">Bulletin 122</a>
KT-33-VX 5' ELEMENT	180047	<a href="#">Bulletin 122</a>
KT-33-VZ 5' ELEMENT	180055	<a href="#">Bulletin 122</a>
KT-33-VZ 10' ELEMENT	180163	<a href="#">Bulletin 122</a>
KT-33-VZP 5' ELEMENT	180057	<a href="#">Bulletin 122</a>
KT-33-VZP40 5' ELEMENT	180250	<a href="#">Bulletin 122</a>
KT-43 ELEMENT WRENCH KIT	180390	<a href="#">Bulletin 10-10</a>
KT-43-EGP35 5'(1.5M) ELEMENT	180074	<a href="#">Bulletin 122</a>

DESCRIPTION	ITEM #	BULLETIN
KT-43-FC 5'(1.5M) ELEMENT	180335	<a href="#">Bulletin 122</a>
KT-43-FZ 5'(1.5M) ELEMENT	180347	<a href="#">Bulletin 122</a>
KT-43-FZP 5'(1.5M) ELEMENT	180349	<a href="#">Bulletin 122</a>
KT-43-FZP 30"(.75M) ELEMENT	180299	<a href="#">Bulletin 122</a>
KT-43-JC 10' ELEMENT	179931	<a href="#">Bulletin 122</a>
KT-43-JC 5'(1.5M) ELEMENT	180310	<a href="#">Bulletin 122</a>
KT-43-JC 30"(.75M) ELEMENT	180314	<a href="#">Bulletin 122</a>
KT-43-JCP 5'(1.5M) ELEMENT	180332	<a href="#">Bulletin 122</a>
KT-43-JCP60 10' ELEMENT	179939	<a href="#">Bulletin 122</a>
KT-43-JCP60 5'(1.5M) ELEMENT	180312	<a href="#">Bulletin 122</a>
KT-43-JCP60 30"(.75M) ELEMENT	180206	<a href="#">Bulletin 122</a>
KT-43-JZ 5' ELEMENT	179914	<a href="#">Bulletin 122</a>
KT-43-JZ 30' ELEMENT	180350	<a href="#">Bulletin 122</a>
KT-43-JZP 5'(1.5M) ELEMENT	180354	<a href="#">Bulletin 122</a>
KT-43-JZP 30"(.75M) ELEMENT	180353	<a href="#">Bulletin 122</a>
KT-43-JZPM 30"(.75M) ELEMENT	180308	<a href="#">Bulletin 122</a>
KT-43-L1 5'(1.5M) ELEMENT	180327	<a href="#">Bulletin 122</a>
KT-43-L1 30"(.75M) ELEMENT	180277	<a href="#">Bulletin 122</a>
KT-43-L2 5'(1.5M) ELEMENT	180329	<a href="#">Bulletin 122</a>
KT-43-L3 5'(1.5M) ELEMENT	180331	<a href="#">Bulletin 122</a>
KT-43-L4 5'(1.5M) ELEMENT	180333	<a href="#">Bulletin 122</a>
KT-43-NC 5'(1.5M) ELEMENT	179942	<a href="#">Bulletin 122</a>
KT-43-NCP100 5'(1.5M) ELEMENT	179958	<a href="#">Bulletin 122</a>
KT-43-NGA 10' ELEMENT	179919	<a href="#">Bulletin 122</a>
KT-43-NGA 5'(1.5M) ELEMENT	179957	<a href="#">Bulletin 122</a>
KT-43-NGA 30"(.75M) ELEMENT	180284	<a href="#">Bulletin 122</a>
KT-43-PC 5'(1.5M) ELEMENT	180338	<a href="#">Bulletin 122</a>
KT-43-PZ 5'(1.5M) ELEMENT	180068	<a href="#">Bulletin 122</a>
KT-43-PZ 10'(3.0M) ELEMENT	180356	<a href="#">Bulletin 122</a>
KT-43-PZ 30"(.75M) ELEMENT	180082	<a href="#">Bulletin 122</a>
KT-43-PZP 5'(1.5M) ELEMENT	180072	<a href="#">Bulletin 122</a>
KT-43-PZP 30"(.75M) ELEMENT	180226	<a href="#">Bulletin 122</a>
KT-43-RZ 5'(1.5M) ELEMENT	180355	<a href="#">Bulletin 122</a>
KT-43-RZP 5'(1.5M) ELEMENT	180357	<a href="#">Bulletin 122</a>
KT-43-SC/PC 30" ELEMENT	183387	<a href="#">Bulletin 122</a>
KT-43-SC/PC 10' ELEMENT	183389	<a href="#">Bulletin 122</a>
KT-43-SC/PC 5' ELEMENT	183388	<a href="#">Bulletin 122</a>
KT-43-SCP 30" ELEMENT	180366	<a href="#">Bulletin 122</a>
KT-43-SCP 5'(1.5M) ELEMENT	180290	<a href="#">Bulletin 122</a>
KT-43-SCP115 5'(1.5M) ELEMENT	180360	<a href="#">Bulletin 122</a>
KT-43-SCP115 30" ELEMENT	180372	<a href="#">Bulletin 122</a>
KT-43-SCP65P 30"(.75M) ELEMENT	179943	<a href="#">Bulletin 122</a>
KT-43-SZ 10' ELEMENT	179932	<a href="#">Bulletin 122</a>
KT-43-SZ 5'(1.5M) ELEMENT	180318	<a href="#">Bulletin 122</a>
KT-43-SZ 30"(.75M) ELEMENT	180228	<a href="#">Bulletin 122</a>
KT-43-SZP 5'(1.5M) ELEMENT	180060	<a href="#">Bulletin 122</a>
KT-43-SZP 30"(.75M) ELEMENT	180230	<a href="#">Bulletin 122</a>
KT-43-SZP20 5'(1.5M) ELEMENT	180378	<a href="#">Bulletin 122</a>
KT-43-SZP30 30"(.75M) ELEMENT	180256	<a href="#">Bulletin 122</a>
KT-43-SZP35 5'(1.5M) ELEMENT	180205	<a href="#">Bulletin 122</a>
KT-43-SZP55 5'(1.5M) ELEMENT	180264	<a href="#">Bulletin 122</a>
KT-43-VC 5'(1.5M) ELEMENT	180319	<a href="#">Bulletin 122</a>
KT-43-VC 10'(3.0M) ELEMENT	180320	<a href="#">Bulletin 122</a>
KT-43-VC 30"(.75M) ELEMENT	180269	<a href="#">Bulletin 122</a>
KT-43-VCP 5'(1.5M) ELEMENT	180282	<a href="#">Bulletin 122</a>
KT-43-VCP 30"(.75M) ELEMENT	180266	<a href="#">Bulletin 122</a>
KT-43-VCP100 5'(1.5M) ELEMENT	180272	<a href="#">Bulletin 122</a>
KT-43-VCP100 10'(3.0M) ELEMENT	180322	<a href="#">Bulletin 122</a>
KT-43-VCP100 30"(.75M) ELEMENT	180270	<a href="#">Bulletin 122</a>
KT-43-VCP85 5'(1.5M) ELEMENT	180328	<a href="#">Bulletin 122</a>
KT-43-VCP85 30"(.75M) ELEMENT	180286	<a href="#">Bulletin 122</a>



# Thermostatic Expansion Valves

## REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
KT-43-VN 30"(.75M) ELEMENT	180294	<a href="#">Bulletin 122</a>	KT-63-JC 10' ELEMENT	180794	<a href="#">Bulletin 122</a>
KT-43-VZ 5'(1.5M) ELEMENT	180323	<a href="#">Bulletin 122</a>	KT-63-JCP 5' ELEMENT	180706	<a href="#">Bulletin 122</a>
KT-43-VZ 10'(3.0M) ELEMENT	180208	<a href="#">Bulletin 122</a>	KT-63-JCP60 5' ELEMENT	180856	<a href="#">Bulletin 122</a>
KT-43-VZ 30"(.75M) ELEMENT	180273	<a href="#">Bulletin 122</a>	KT-63-JCP60 10' ELEMENT	180806	<a href="#">Bulletin 122</a>
KT-43-VZP 5'(1.5M) ELEMENT	180325	<a href="#">Bulletin 122</a>	KT-63-L3 5' ELEMENT	180745	<a href="#">Bulletin 122</a>
KT-43-VZP 30"(.75M) ELEMENT	180275	<a href="#">Bulletin 122</a>	KT-63-L4 5' ELEMENT	180747	<a href="#">Bulletin 122</a>
KT-43-VZP40 5'(1.5M) ELEMENT	180324	<a href="#">Bulletin 122</a>	KT-63-NGA 5' ELEMENT	180725	<a href="#">Bulletin 122</a>
KT-43-VZP40 30"(.75M) ELEMENT	180326	<a href="#">Bulletin 122</a>	KT-63-NGA 10' ELEMENT	180813	<a href="#">Bulletin 122</a>
KT-43-WGP 5'(1.5M) ELEMENT	179945	<a href="#">Bulletin 122</a>	KT-63-NGA 20' ELEMENT	180886	<a href="#">Bulletin 122</a>
KT-45-5-VCP100 60" ELEMENT	181217	<a href="#">Bulletin 122</a>	KT-63-PZ 10' ELEMENT	179960	<a href="#">Bulletin 122</a>
KT-45-5-ZCP180 10' ELEMENT	181351	<a href="#">Bulletin 122</a>	KT-63-RCP115 10' ELEMENT	180859	<a href="#">Bulletin 122</a>
KT-45-5-ZCP180 60" ELEMENT	181216	<a href="#">Bulletin 122</a>	KT-63-SC/PC 5' ELEMENT	183397	<a href="#">Bulletin 122</a>
KT-45-5-ZGA 5'(1.5M) ELEMENT	180298	<a href="#">Bulletin 122</a>	KT-63-SC/PC 10' ELEMENT	183398	<a href="#">Bulletin 122</a>
KT-45-LO 30" ELEMENT	181219	<a href="#">Bulletin 122</a>	KT-63-SZ 5' ELEMENT	180704	<a href="#">Bulletin 122</a>
KT-45-ZCP160 60" ELEMENT	181224	<a href="#">Bulletin 122</a>	KT-63-SZP 5' ELEMENT	180708	<a href="#">Bulletin 122</a>
KT-45-ZCP180 30" ELEMENT	181355	<a href="#">Bulletin 122</a>	KT-63-VC 5' ELEMENT	180711	<a href="#">Bulletin 122</a>
KT-45-ZCP180 60" ELEMENT	181213	<a href="#">Bulletin 122</a>	KT-63-VC 10' ELEMENT	180799	<a href="#">Bulletin 122</a>
KT-45-ZCP200 60" ELEMENT	181222	<a href="#">Bulletin 122</a>	KT-63-VC 20' ELEMENT	180800	<a href="#">Bulletin 122</a>
KT-45-ZGA 10' ELEMENT	181349	<a href="#">Bulletin 122</a>	KT-63-VCP100 5' ELEMENT	180715	<a href="#">Bulletin 122</a>
KT-45-ZGA 30" ELEMENT	181209	<a href="#">Bulletin 122</a>	KT-63-VCP100 10' ELEMENT	180803	<a href="#">Bulletin 122</a>
KT-45-ZGA 60" ELEMENT	181212	<a href="#">Bulletin 122</a>	KT-63-VCP100 15' ELEMENT	180810	<a href="#">Bulletin 122</a>
KT-45-ZN 30" ELEMENT	181316	<a href="#">Bulletin 122</a>	KT-63-VCP85 5' ELEMENT	180719	<a href="#">Bulletin 122</a>
KT-45-ZN 60" ELEMENT	181340	<a href="#">Bulletin 122</a>	KT-63-VN 5' ELEMENT	180727	<a href="#">Bulletin 122</a>
KT-53-FC 5' ELEMENT	180523	<a href="#">Bulletin 122</a>	KT-63-VN 10' ELEMENT	180815	<a href="#">Bulletin 122</a>
KT-53-FZP 5' ELEMENT	180549	<a href="#">Bulletin 122</a>	KT-63-VN 20' ELEMENT	180816	<a href="#">Bulletin 122</a>
KT-53-JC 5' ELEMENT	180032	<a href="#">Bulletin 122</a>	KT-63-VX 5' ELEMENT	180729	<a href="#">Bulletin 122</a>
KT-53-JC 10' ELEMENT	181000	<a href="#">Bulletin 122</a>	KT-63-VZ 5' ELEMENT	180737	<a href="#">Bulletin 122</a>
KT-53-JCP60 5' ELEMENT	180056	<a href="#">Bulletin 122</a>	KT-63-VZ 10' ELEMENT	180825	<a href="#">Bulletin 122</a>
KT-53-JZ 5' ELEMENT	180034	<a href="#">Bulletin 122</a>	KT-63-VZP 5' ELEMENT	180739	<a href="#">Bulletin 122</a>
KT-53-L1 5' ELEMENT	180515	<a href="#">Bulletin 122</a>	KT-63-VZP 10' ELEMENT	180827	<a href="#">Bulletin 122</a>
KT-53-L2 5' ELEMENT	180517	<a href="#">Bulletin 122</a>	KT-83-EGP 5' ELEMENT	181025	<a href="#">Bulletin 122</a>
KT-53-L3 5' ELEMENT	180519	<a href="#">Bulletin 122</a>	KT-83-EGP 10' ELEMENT	181171	<a href="#">Bulletin 122</a>
KT-53-L4 5' ELEMENT	180521	<a href="#">Bulletin 122</a>	KT-83-EGP35 5' ELEMENT	181031	<a href="#">Bulletin 122</a>
KT-53-NGA 5' ELEMENT	180499	<a href="#">Bulletin 122</a>	KT-83-FC /JC 5' ELEMENT	180941	<a href="#">Bulletin 122</a>
KT-53-NGA 10' ELEMENT	180613	<a href="#">Bulletin 122</a>	KT-83-FC /JC 20' ELEMENT	181189	<a href="#">Bulletin 122</a>
KT-53-PZ 5' ELEMENT	180084	<a href="#">Bulletin 122</a>	KT-83-FC/JC 10' ELEMENT	180096	<a href="#">Bulletin 122</a>
KT-53-RZP 5' ELEMENT	180577	<a href="#">Bulletin 122</a>	KT-83-FZ /JZ 5' ELEMENT	180971	<a href="#">Bulletin 122</a>
KT-53-SC/PC 5' ELEMENT	183395	<a href="#">Bulletin 122</a>	KT-83-FZP /JZP 5' ELEMENT	180973	<a href="#">Bulletin 122</a>
KT-53-SC/PC 10' ELEMENT	183396	<a href="#">Bulletin 122</a>	KT-83-GGP 5' ELEMENT	179913	<a href="#">Bulletin 122</a>
KT-53-SX 5' ELEMENT	180134	<a href="#">Bulletin 122</a>	KT-83-GGP35 5' ELEMENT	181016	<a href="#">Bulletin 122</a>
KT-53-SZ 5' ELEMENT	180090	<a href="#">Bulletin 122</a>	KT-83-JC 5' ELEMENT	181126	<a href="#">Bulletin 122</a>
KT-53-SZP 5' ELEMENT	180092	<a href="#">Bulletin 122</a>	KT-83-JCP60 5' ELEMENT	180053	<a href="#">Bulletin 122</a>
KT-53-VC 5' ELEMENT	180483	<a href="#">Bulletin 122</a>	KT-83-JN 5' ELEMENT	181128	<a href="#">Bulletin 122</a>
KT-53-VC 10' ELEMENT	180597	<a href="#">Bulletin 122</a>	KT-83-JZPM 5' ELEMENT	180048	<a href="#">Bulletin 122</a>
KT-53-VC 20' ELEMENT	180598	<a href="#">Bulletin 122</a>	KT-83-L1 5' ELEMENT	180933	<a href="#">Bulletin 122</a>
KT-53-VCP100 5' ELEMENT	180487	<a href="#">Bulletin 122</a>	KT-83-L2 5' ELEMENT	180935	<a href="#">Bulletin 122</a>
KT-53-VCP100 10' ELEMENT	180601	<a href="#">Bulletin 122</a>	KT-83-L3 5' ELEMENT	180937	<a href="#">Bulletin 122</a>
KT-53-VN 5' ELEMENT	180503	<a href="#">Bulletin 122</a>	KT-83-L4 5' ELEMENT	180939	<a href="#">Bulletin 122</a>
KT-53-VX 5' ELEMENT	180505	<a href="#">Bulletin 122</a>	KT-83-NGA 5' ELEMENT	180916	<a href="#">Bulletin 122</a>
KT-53-VZ 5' ELEMENT	180507	<a href="#">Bulletin 122</a>	KT-83-NGA 10' ELEMENT	181051	<a href="#">Bulletin 122</a>
KT-53-VZ 10' ELEMENT	180621	<a href="#">Bulletin 122</a>	KT-83-NGA 20' ELEMENT	181186	<a href="#">Bulletin 122</a>
KT-53-VZ 20' ELEMENT	180622	<a href="#">Bulletin 122</a>	KT-83-NGA 30' ELEMENT	181211	<a href="#">Bulletin 122</a>
KT-53-VZ 30" ELEMENT	180393	<a href="#">Bulletin 122</a>	KT-83-PC 5' ELEMENT	181088	<a href="#">Bulletin 122</a>
KT-53-VZP 5' ELEMENT	180509	<a href="#">Bulletin 122</a>	KT-83-PC 10' ELEMENT	181022	<a href="#">Bulletin 122</a>
KT-53-VZP40 5' ELEMENT	180620	<a href="#">Bulletin 122</a>	KT-83-PX 10' ELEMENT	180915	<a href="#">Bulletin 122</a>
KT-63-3-JCP60 5' ELEMENT	180858	<a href="#">Bulletin 122</a>	KT-83-PZ 5' ELEMENT	179916	<a href="#">Bulletin 122</a>
KT-63-3-NGA 5' ELEMENT	181315	<a href="#">Bulletin 122</a>	KT-83-PZ 10' ELEMENT	179946	<a href="#">Bulletin 122</a>
KT-63-3-VCP100 5' ELEMENT	181300	<a href="#">Bulletin 122</a>	KT-83-PZP 5' ELEMENT	181004	<a href="#">Bulletin 122</a>
KT-63-3-VN 5' ELEMENT	181310	<a href="#">Bulletin 122</a>	KT-83-SC/PC 5' ELEMENT	183399	<a href="#">Bulletin 122</a>
KT-63-FZ 5' ELEMENT	180763	<a href="#">Bulletin 122</a>	KT-83-SC/PC 10' ELEMENT	183400	<a href="#">Bulletin 122</a>
KT-63-JC 5' ELEMENT	180006	<a href="#">Bulletin 122</a>	KT-83-SCP 5' ELEMENT	181208	<a href="#">Bulletin 122</a>

# Thermostatic Expansion Valves

## REPLACEMENT PARTS

DESCRIPTION	ITEM #	BULLETIN
KT-83-SCP115 5' ELEMENT	179934	<a href="#">Bulletin 122</a>
KT-83-SX 5' ELEMENT	181010	<a href="#">Bulletin 122</a>
KT-83-SZ 5' ELEMENT	180062	<a href="#">Bulletin 122</a>
KT-83-SZ 10' ELEMENT	179905	<a href="#">Bulletin 122</a>
KT-83-SZP 5' ELEMENT	180064	<a href="#">Bulletin 122</a>
KT-83-SZP 10' ELEMENT	179938	<a href="#">Bulletin 122</a>
KT-83-SZP35 5' ELEMENT	181020	<a href="#">Bulletin 122</a>
KT-83-SZP40 5' ELEMENT	181018	<a href="#">Bulletin 122</a>
KT-83-VC 5' ELEMENT	180887	<a href="#">Bulletin 122</a>
KT-83-VC 10' ELEMENT	181033	<a href="#">Bulletin 122</a>
KT-83-VC 30' ELEMENT	181180	<a href="#">Bulletin 122</a>
KT-83-VCP 5' ELEMENT	180889	<a href="#">Bulletin 122</a>
KT-83-VCP100 5' ELEMENT	180891	<a href="#">Bulletin 122</a>
KT-83-VCP100 10' ELEMENT	181037	<a href="#">Bulletin 122</a>
KT-83-VCP100 20' ELEMENT	181185	<a href="#">Bulletin 122</a>
KT-83-VCP75 5' ELEMENT	180895	<a href="#">Bulletin 122</a>
KT-83-VCP85 5' ELEMENT	180897	<a href="#">Bulletin 122</a>
KT-83-VN 5' ELEMENT	180909	<a href="#">Bulletin 122</a>
KT-83-VN 10' ELEMENT	181055	<a href="#">Bulletin 122</a>
KT-83-VX 5' ELEMENT	180911	<a href="#">Bulletin 122</a>
KT-83-VZ 5' ELEMENT	180921	<a href="#">Bulletin 122</a>
KT-83-VZ 10' ELEMENT	181067	<a href="#">Bulletin 122</a>
KT-83-VZP 5' ELEMENT	180923	<a href="#">Bulletin 122</a>
KT-83-VZP 10' ELEMENT	181069	<a href="#">Bulletin 122</a>
KT-83-VZP40 5' ELEMENT	180926	<a href="#">Bulletin 122</a>
KT-83-VZP40 10' ELEMENT	180924	<a href="#">Bulletin 122</a>
KT-84-NGA 5' ELEMENT	181223	<a href="#">Bulletin 122</a>
KT-85-3-ZCP180 10' ELEMENT	11604-005	<a href="#">Bulletin 122</a>
KT-85-3-ZCP180 60" ELEMENT	11604-004	<a href="#">Bulletin 122</a>

DESCRIPTION	ITEM #	BULLETIN
KT-85-3-ZGA 5' ELEMENT	183366	<a href="#">Bulletin 122</a>
KT-85-3-ZGA 10' ELEMENT	183380	<a href="#">Bulletin 122</a>
KT-85-3-ZN 5' ELEMENT	183379	<a href="#">Bulletin 122</a>
KT-85-ZCP180 60" ELEMENT	11604-001	<a href="#">Bulletin 122</a>
KT-85-ZGA 5' ELEMENT	180918	<a href="#">Bulletin 122</a>
KT-85-ZGA 10' ELEMENT	180920	<a href="#">Bulletin 122</a>
KT-85-ZN 5' ELEMENT	180919	<a href="#">Bulletin 122</a>
KT-131-A BULB CLAMP KIT	183350	<a href="#">Bulletin 122</a>
KT-131-B BULB CLAMP KIT	183352	<a href="#">Bulletin 122</a>
KT-131-C BULB CLAMP KIT	183354	<a href="#">Bulletin 122</a>
KT-131-D BULB CLAMP KIT	183356	<a href="#">Bulletin 122</a>
KT-131-E BULB CLAMP KIT	183358	<a href="#">Bulletin 122</a>
KT-131-G BULB CLAMP	183359	<a href="#">Bulletin 122</a>
MINI Q BENCH	168400	<a href="#">Bulletin 122</a>
NUT 1/2"-13 THD	183119	<a href="#">Bulletin 122</a>
O-RING (70 DUROMETER)10457-023	183601	<a href="#">Bulletin 122</a>
OB-1 OIL BOTTLE (WITH OIL)	184001	<a href="#">Bulletin 122</a>
Q CASE (CARRYING CASE) EMPTY	168001	<a href="#">Bulletin 122</a>
Q VALVE WORKBENCH (HUTCH ONLY)	168560	<a href="#">Bulletin 122</a>
QC-0 RED Q CARTRIDGE/ID TAG	168070	<a href="#">Bulletin 122</a>
QC-1 YELLOW Q CARTRIDGE/ID TAG	168072	<a href="#">Bulletin 122</a>
QC-2 GREEN Q CARTRIDGE/ID TAG	168074	<a href="#">Bulletin 122</a>
QC-3 BLUE Q CARTRIDGE/ID TAG	168076	<a href="#">Bulletin 122</a>
QC-4 PINK Q CARTRIDGE/ID TAG	168078	<a href="#">Bulletin 122</a>
QC-5 BLACK Q CARTRIDGE/ID TAG	168080	<a href="#">Bulletin 122</a>
QC-6 WHITE Q CARTRIDGE/ID TAG	168082	<a href="#">Bulletin 122</a>
QVT-F	184006	<a href="#">Bulletin 122</a>
SEER UPGRADE KIT	184012	<a href="#">Bulletin 122</a>

# Thermostatic Expansion Valves

## TEMPERATURE RESPONSIVE EXPANSION VALVES

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
Y1037-FV-1/2-115 3VX3 ODF 5'	154824	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-180 3VX3 ODF 5'	154844	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-120 3VX3 ODF 5'	155174	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-190 3VX3 ODF 5'	154600	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-180 3VX3 ODF 5'	155028	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-195 3VX3 ODF 5'	155482	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-190 3VX3 ODF 5'	154593	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-200 3VX3 ODF 5'	154717	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-200 3VX3 ODF 5'	154713	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-210 3VX3 ODF 5'	155365	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-220 3VX3 ODF 5'	154754	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-220 3VX3 ODF 5'	154766	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-220 3VX3 ODF 5'	154712	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-230 3VX3 ODF 5'	154601	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-230 3VX3 ODF 5'	154594	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-240 3VX3 ODF 5'	154951	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-240 3VX3 ODF 5'	154646	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-250 3VX3 ODF 5'	154916	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-250 3VX3 ODF 5'	155010	<a href="#">Bulletin 10-10</a>	Y1037-FV-1-1/2-260 3VX3 ODF 5'	155410	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/2-270 3VX3 ODF 5'	155052	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-180 3VX3 ODF 5'	154958	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-110 3VX3 ODF 5'	155216	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-190 3VX3 ODF 5'	154725	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-180 3VX3 ODF 5'	154702	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-190 3VX4 ODF 5'	155347	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-190 3VX3 ODF 5'	154591	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-200 3VX3 ODF 5'	154750	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-195 3VX3 ODF 5'	154904	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-210 3VX3 ODF 5'	154727	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-200 3VX3 ODF 5'	154992	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-220 3VX3 ODF 5'	154729	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-210 3VX3 ODF 5'	155073	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-230 3VX3 ODF 5'	154969	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-220 3VX3 ODF 5'	154960	<a href="#">Bulletin 10-10</a>	Y1037-FV-2-240 3VX3 ODF 5'	154726	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-230 3VX3 ODF 5'	154592	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-180 3VX3 ODF 5'	155083	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-240 3VX3 ODF 5'	154752	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-190 3VX3 ODF 5'	154730	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/3-250 3VX3 ODF 5'	155256	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-190 3VX4 ODF 5'	155389	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/5-220 3VX3 ODF 5'	155173	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-200 3VX3 ODF 5'	155056	<a href="#">Bulletin 10-10</a>
Y1037-FV-1/5-230 3VX3 ODF 5'	155346	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-210 3VX3 ODF 5'	154755	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-170 3VX3 ODF 5'	154716	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-220 3VX3 ODF 5'	154743	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-180 3VX3 ODF 5'	154737	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-230 3VX3 ODF 5'	154828	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-190 3VX3 ODF 5'	154596	<a href="#">Bulletin 10-10</a>	Y1037-FV-3-240 3VX3 ODF 5'	154906	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-200 3VX3 ODF 5'	154821	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-110 3VX3 ODF 5'	155025	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-210 3VX3 ODF 5'	154715	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-170 3VX3 ODF 5'	155426	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-220 3VX3 ODF 5'	154711	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-180 3VX3 ODF 5'	154306	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-230 3VX3 ODF 5'	154597	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-190 3VX3 ODF 5'	154733	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-240 3VX3 ODF 5'	154647	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-200 3VX3 ODF 5'	154976	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-250 3VX3 ODF 5'	154792	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-230 3VX3 ODF 5'	154734	<a href="#">Bulletin 10-10</a>
Y1037-FV-1-1/2-115 3VX3 ODF 5'	155124	<a href="#">Bulletin 10-10</a>	Y1037-FV-5-240 3VX3 ODF 5'	155357	<a href="#">Bulletin 10-10</a>

# ZoomLock™ Flame-Free Refrigerant Fittings

**ZoomLock Flame-Free Refrigerant Fittings** are specially designed to join copper piping without the use of a brazing torch. The one piece fittings are reliably secure, leak-proof, and more repeatable than brazed connections. Professionals using ZoomLock flame-free fittings report time and labor savings of 40%-60% as compared to brazing.



## COMPATIBLE COMPONENTS

DESCRIPTION	ITEM #	BULLETIN
C-083-PZK	761000	<a href="#">Catalog K-1</a>
C-147-PZK-TT-HH	761100	<a href="#">Catalog K-1</a>
C-163-PZK	761200	<a href="#">Catalog K-1</a>
C-164-PZK	761201	<a href="#">Catalog K-1</a>
C-165-PZK	761202	<a href="#">Catalog K-1</a>
C-167-PZK-T-HH	761203	<a href="#">Catalog K-1</a>
C-304-PZK	761300	<a href="#">Catalog K-1</a>
C-305-PZK	761301	<a href="#">Catalog K-1</a>
C-309-PZK-T-HH	761302	<a href="#">Catalog K-1</a>
C-417-PZK	761400	<a href="#">Catalog K-1</a>
E2S123-PZK-HP LESS COIL	4603-00	<a href="#">Catalog K-1</a>
E3S123-PZK LESS COIL	4604-00	<a href="#">Catalog K-1</a>
E3S133-PZK LESS COIL	4605-00	<a href="#">Catalog K-1</a>
E5S133-PZK-HP LESS COIL	4606-00	<a href="#">Catalog K-1</a>
E6S133-PZK-HP LESS COIL	4607-00	<a href="#">Catalog K-1</a>
E8S143-PZK-HP LESS COIL	4608-00	<a href="#">Catalog K-1</a>
E19S273-PZK-HP LESS COIL	4609-00	<a href="#">Catalog K-1</a>
EBVP-1023-PZK	502159	<a href="#">Catalog H-1</a>
EBVP-1033-PZK	502160	<a href="#">Catalog H-1</a>
EBVP-1043-PZK	502161	<a href="#">Catalog H-1</a>
EBVP-1053-PZK	502162	<a href="#">Catalog H-1</a>
EBVP-1063-PZK	502163	<a href="#">Catalog H-1</a>
EBVP-1073-PZK	502164	<a href="#">Catalog H-1</a>

DESCRIPTION	ITEM #	BULLETIN
EBVP-1093-PZK	502165	<a href="#">Catalog H-1</a>
HPC-103-PZK	761500	<a href="#">Catalog K-1</a>
HPC-104-PZK	761501	<a href="#">Catalog K-1</a>
HPC-163-PZK-HH	761600	<a href="#">Catalog K-1</a>
HPC-164-PZK-HH	761601	<a href="#">Catalog K-1</a>
HPC-165-PZK-HH	761602	<a href="#">Catalog K-1</a>
LLD - 083-PZK	761800	<a href="#">Catalog K-1</a>
LLD - 163-PZK	761801	<a href="#">Catalog K-1</a>
LLD - 164-PZK	761802	<a href="#">Catalog K-1</a>
ME6S133-PZK-HP LESS COIL	4610-00	<a href="#">Catalog K-1</a>
ME8S143PZK-HP LESS COIL	4611-00	<a href="#">Catalog K-1</a>
ME10S153-PZK-HP LESS COIL	4612-00	<a href="#">Catalog K-1</a>
ME14S253-PZK-HP LESS COIL	4613-00	<a href="#">Catalog K-1</a>
ME19S273-PZK LESS COIL	4614-00	<a href="#">Catalog K-1</a>
ME19S273-PZK-HP LESS COIL	4615-00	<a href="#">Catalog K-1</a>
ME25S293-PZK LESS COIL	4616-00	<a href="#">Catalog K-1</a>
ME25S293-PZK-HP LESS COIL	4617-00	<a href="#">Catalog K-1</a>
SA-13-PZK	761700	<a href="#">Bulletin 70-10</a>
SA-14-PZK	761701	<a href="#">Bulletin 70-10</a>
SA-15-PZK	761702	<a href="#">Bulletin 70-10</a>
SA-17-PZK	761703	<a href="#">Bulletin 70-10</a>
SLD-13-6-PZK-V-HH	761803	<a href="#">Catalog K-1</a>
SLD-13-7PZK-V-HH	761804	<a href="#">Catalog K-1</a>

## CRIMPING TOOLS and JAWS

DESCRIPTION	ITEM #	BULLETIN
8-PIECE JAW KIT (J4-J18 KLAUKE)	770208	<a href="#">Catalog K-1</a>
8-PC JAW KIT (KJ4-KJ22 KLAUKE)	770239	<a href="#">Catalog K-1</a>
8-PC JAW KIT (RJ4-RJ22 RIDGID)	770219	<a href="#">Catalog K-1</a>
9-PC JAW KIT CASE ONLY (KLAUKE)	770240	<a href="#">Catalog K-1</a>
9-PC JAW KIT CASE ONLY (RIDGID)	770220	<a href="#">Catalog K-1</a>
PZK-J4	770200	<a href="#">Catalog K-1</a>
PZK-J5	770201	<a href="#">Catalog K-1</a>
PZK-J6	770202	<a href="#">Catalog K-1</a>
PZK-J8	770203	<a href="#">Catalog K-1</a>
PZK-J10	770204	<a href="#">Catalog K-1</a>
PZK-J12	770205	<a href="#">Catalog K-1</a>
PZK-J14	770206	<a href="#">Catalog K-1</a>
PZK-J18	770207	<a href="#">Catalog K-1</a>
PZK-KJ4 (1/4"KLAUKE MAP2L19 JAW	770230	<a href="#">Catalog K-1</a>
PZK-KJ5 (5/16"KLAUKEMAP2L1) 8JAW	770231	<a href="#">Catalog K-1</a>
PZK-KJ6 (3/8"KLAUKE MAP2L19 JAW	770232	<a href="#">Catalog K-1</a>
PZK-KJ8 (1.2"KLAUKE MAP2L19 JAW	770233	<a href="#">Catalog K-1</a>
PZK-KJ10 (5/8"KLAUKEMAP2L19 JAW	770234	<a href="#">Catalog K-1</a>

DESCRIPTION	ITEM #	BULLETIN
PZK-KJ12 (3/4"KLAUKEMAP2L19 JAW	770235	<a href="#">Catalog K-1</a>
PZK-KJ14 (7/8"KLAUKEMAP2L19 JAW	770236	<a href="#">Catalog K-1</a>
PZK-KJ18 (1-1/8"KLAUKEMAP2L19JA	770237	<a href="#">Catalog K-1</a>
PZK-KJ22 (1-3/8"KLAUKEMAP2L19JA	770238	<a href="#">Catalog K-1</a>
PZK-RJ4 (1/4" RIDGID COMP JAW)	770210	<a href="#">Catalog K-1</a>
PZK-RJ5 (5/16"RIDGID COMP JAW)	770211	<a href="#">Catalog K-1</a>
PZK-RJ6 (3/8" RIDGID COMP JAW)	770212	<a href="#">Catalog K-1</a>
PZK-RJ8 (1/2" RIDGID COMP JAW)	770213	<a href="#">Catalog K-1</a>
PZK-RJ10 (5/8" RIDGID COMP JAW)	770214	<a href="#">Catalog K-1</a>
PZK-RJ12 (3/4" RIDGID COMP JAW)	770215	<a href="#">Catalog K-1</a>
PZK-RJ14 (7/8" RIDGID COMP JAW)	770216	<a href="#">Catalog K-1</a>
PZK-RJ18 (1-1/8"RIDGID COMP JAW	770217	<a href="#">Catalog K-1</a>
PZK-RJ22 (1-3/8"RIDGID COMP JAW	770218	<a href="#">Catalog K-1</a>
PZK-TK0 (KLAUKE 15KN 0 JAW TOOL KIT)	770000	<a href="#">Catalog K-1</a>
PZK-TK5 (KLAUKE 15KN 5 JAW TOOL KIT)	770002	<a href="#">Catalog K-1</a>
PZK-TK190 (W/BAT&CHGR 0-JAW KIT)	770026	<a href="#">Catalog K-1</a>
PZK-TK195 (W/BAT&CHGR 5-JAW KIT)	770028	<a href="#">Catalog K-1</a>

# ZoomLock™ Flame-Free Refrigerant Fittings

## FITTINGS

DESCRIPTION	ITEM #	BULLETIN
PZK-90E4-HNBR	770600	<a href="#">Catalog K-1</a>
PZK-90E5-HNBR	770601	<a href="#">Catalog K-1</a>
PZK-90E6-HNBR	770602	<a href="#">Catalog K-1</a>
PZK-90E8-HNBR	770603	<a href="#">Catalog K-1</a>
PZK-90E10-HNBR	770604	<a href="#">Catalog K-1</a>
PZK-90E12-HNBR	770605	<a href="#">Catalog K-1</a>
PZK-90E14-HNBR	770606	<a href="#">Catalog K-1</a>
PZK-90E18-HNBR	770607	<a href="#">Catalog K-1</a>
PZK-90E22-HNBR	770608	<a href="#">Catalog K-1</a>
PZK-C4-HNBR 1/4" COUPLING	770500	<a href="#">Catalog K-1</a>
PZK-C5-HNBR 5/8" COUPLING	770501	<a href="#">Catalog K-1</a>
PZK-C6-HNBR 3/8" COUPLING	770502	<a href="#">Catalog K-1</a>
PZK-C8-HNBR 1/2" COUPLING	770503	<a href="#">Catalog K-1</a>
PZK-C10-HNBR 5/8" COUPLING	770504	<a href="#">Catalog K-1</a>
PZK-C12-HNBR 3/4" COUPLING	770505	<a href="#">Catalog K-1</a>
PZK-C14-HNBR 7/8" COUPLING	770506	<a href="#">Catalog K-1</a>
PZK-C18-HNBR 1 1/8" COUPLING	770507	<a href="#">Catalog K-1</a>
PZK-C22-HNBR 1 3/8" COUPLING	770508	<a href="#">Catalog K-1</a>
PZK-CP4-HNBR	770900	<a href="#">Catalog K-1</a>
PZK-CP5-HNBR	770901	<a href="#">Catalog K-1</a>
PZK-CP6-HNBR	770902	<a href="#">Catalog K-1</a>
PZK-CP8-HNBR	770903	<a href="#">Catalog K-1</a>
PZK-CP10-HNBR	770904	<a href="#">Catalog K-1</a>
PZK-CP12-HNBR	770905	<a href="#">Catalog K-1</a>
PZK-CP14-HNBR	770906	<a href="#">Catalog K-1</a>
PZK-CP18-HNBR	770907	<a href="#">Catalog K-1</a>
PZK-CP22-HNBR	770908	<a href="#">Catalog K-1</a>
PZK-F4-HNBR	771000	<a href="#">Catalog K-1</a>
PZK-F6-HNBR	771002	<a href="#">Catalog K-1</a>
PZK-F8-HNBR	771003	<a href="#">Catalog K-1</a>
PZK-F10-HNBR	771004	<a href="#">Catalog K-1</a>
PZK-F12-HNBR	771005	<a href="#">Catalog K-1</a>
PZK-R64-HNBR	770800	<a href="#">Catalog K-1</a>
PZK-R84-HNBR	770808	<a href="#">Catalog K-1</a>
PZK-R86-HNBR	770801	<a href="#">Catalog K-1</a>
PZK-R104-HNBR	770809	<a href="#">Catalog K-1</a>

DESCRIPTION	ITEM #	BULLETIN
PZK-R106-HNBR	770810	<a href="#">Catalog K-1</a>
PZK-R108-HNBR	770802	<a href="#">Catalog K-1</a>
PZK-R128-HNBR	770811	<a href="#">Catalog K-1</a>
PZK-R148-HNBR	770812	<a href="#">Catalog K-1</a>
PZK-R188-HNBR	770813	<a href="#">Catalog K-1</a>
PZK-R1210-HNBR	770803	<a href="#">Catalog K-1</a>
PZK-R1410-HNBR	770804	<a href="#">Catalog K-1</a>
PZK-R1412-HNBR	770805	<a href="#">Catalog K-1</a>
PZK-R1810-HNBR	770814	<a href="#">Catalog K-1</a>
PZK-R1812-HNBR	770806	<a href="#">Catalog K-1</a>
PZK-R1814-HNBR	770807	<a href="#">Catalog K-1</a>
PZK-RC4-HNBR	770550	<a href="#">Catalog K-1</a>
PZK-RC6-CR	772002	<a href="#">Catalog K-1</a>
PZK-RC6-HNBR	770552	<a href="#">Catalog K-1</a>
PZK-RC8-HNBR	770553	<a href="#">Catalog K-1</a>
PZK-RC10-HNBR	770554	<a href="#">Catalog K-1</a>
PZK-RC12-CR	772005	<a href="#">Catalog K-1</a>
PZK-RC12-HNBR	770555	<a href="#">Catalog K-1</a>
PZK-RC14-CR	772006	<a href="#">Catalog K-1</a>
PZK-RC14-HNBR	770556	<a href="#">Catalog K-1</a>
PZK-RC18-HNBR	770557	<a href="#">Catalog K-1</a>
PZK-RC22-HNBR	770558	<a href="#">Catalog K-1</a>
PZK-T6-HNBR	770702	<a href="#">Catalog K-1</a>
PZK-T8-HNBR	770703	<a href="#">Catalog K-1</a>
PZK-T10-HNBR	770704	<a href="#">Catalog K-1</a>
PZK-T12-HNBR	770705	<a href="#">Catalog K-1</a>
PZK-T14-HNBR	770706	<a href="#">Catalog K-1</a>
PZK-T18-HNBR	770707	<a href="#">Catalog K-1</a>
PZK-T22-HNBR	770708	<a href="#">Catalog K-1</a>
PZK-Y6-NA	771102	<a href="#">Catalog K-1</a>
PZK-Y8-NA	771103	<a href="#">Catalog K-1</a>
PZK-Y10-NA	771104	<a href="#">Catalog K-1</a>
PZK-Y12-NA	771105	<a href="#">Catalog K-1</a>
PZK-Y14-NA	771106	<a href="#">Catalog K-1</a>
PZK-Y18-NA	771107	<a href="#">Catalog K-1</a>

## REPLACEMENT PARTS & ACCESSORIES

DESCRIPTION	ITEM #	BULLETIN
INSERTION DEPTH TOOL-KIT REPL.	770014	<a href="#">Catalog K-1</a>
INSERTION DEPTH TOOL-PLASTIC	770015	<a href="#">Catalog K-1</a>
PGA1 KLAUKE DIAGNOSTIC TOOL	770008	<a href="#">Catalog K-1</a>
PZK-CT8(1/2" CU TUBE FOR ZMLK)	770017	<a href="#">Catalog K-1</a>

DESCRIPTION	ITEM #	BULLETIN
PZK-GNG1	770005	<a href="#">Catalog K-1</a>
TUBE DEBURING TOOL	770007	<a href="#">Catalog K-1</a>
TUBING CUTTER	770006	<a href="#">Catalog K-1</a>

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The goods, services or work (referred to as the "Products") offered by **Parker-Hannifin Corporation**, its subsidiaries, groups, divisions, and authorized distributors ("Seller") are offered for sale at prices indicated in the offer, or as may be established by Seller. The offer to sell the Products and acceptance of Seller's offer by any customer ("Buyer") is contingent upon, and will be governed by all of the terms and conditions contained in this Offer of Sale. Buyer's order for any Products specified in Buyer's purchase document or Seller's offer, proposal or quote ("Quote") attached to the purchase order, when communicated to Seller verbally, or in writing, shall constitute acceptance of this offer.

**1. Terms and Conditions.** Seller's willingness to offer Products for sale or accept an order for Products is subject to the terms and conditions contained in this Offer of Sale or any newer version of the same, published by Seller electronically at [www.parker.com/saleterms/](http://www.parker.com/saleterms/). Seller objects to any contrary or additional terms or conditions of Buyer's order or any other document or other communication issued by Buyer.

**2. Price; Payment.** Prices stated on Seller's Quote are valid for thirty (30) days, except as explicitly otherwise stated therein, and do not include any sales, use, or other taxes or duties unless specifically stated. Seller reserves the right to modify prices to adjust for any raw material price fluctuations. Unless otherwise specified by Seller, all prices are F.C.A. Seller's facility (INCOTERMS 2010). Payment is subject to credit approval and payment for all purchases is due thirty (30) days from the date of invoice (or such date as may be specified by Seller's Credit Department). Unpaid invoices beyond the specified payment date incur interest at the rate of 1.5% per month or the maximum allowable rate under applicable law.

**3. Shipment; Delivery; Title and Risk of Loss.** All delivery dates are approximate. Seller is not responsible for damages resulting from any delay. Regardless of the manner of shipment, delivery occurs and title and risk of loss or damage pass to Buyer, upon placement of the Products with the shipment carrier at Seller's facility. Unless otherwise stated, Seller may exercise its judgment in choosing the carrier and means of delivery. No deferral of shipment at Buyers' request beyond the respective dates indicated will be made except on terms that will indemnify, defend and hold Seller harmless against all loss and additional expense. Buyer shall be responsible for any additional shipping charges incurred by Seller due to Buyer's acts or omissions.

**4. Warranty.** Seller warrants that the Products sold hereunder shall be free from defects in material or workmanship for a period of twelve (12) months from the date of delivery or 2,000 hours of normal use, whichever occurs first. All prices are based upon the exclusive limited warranty stated above, and upon the following disclaimer: **DISCLAIMER OF WARRANTY: THIS WARRANTY IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO PRODUCTS PROVIDED. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, INCLUDING DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

**5. Claims; Commencement of Actions.** Buyer shall promptly inspect all Products upon receipt. No claims for shortages will be allowed unless reported to the Seller within ten (10) days of delivery. No other claims against Seller will be allowed unless asserted in writing within thirty (30) days after delivery. Buyer shall notify Seller of any alleged breach of warranty within thirty (30) days after the date the defect is or should have been discovered by Buyer. Any claim or action against Seller based upon breach of contract or any other theory, including tort, negligence, or otherwise must be commenced within twelve (12) months from the date of the alleged breach or other alleged event, without regard to the date of discovery.

**6. LIMITATION OF LIABILITY.** IN THE EVENT OF A BREACH OF WARRANTY, SELLER WILL, AT ITS OPTION, REPAIR OR REPLACE A DEFECTIVE PRODUCT, OR REFUND THE PURCHASE PRICE WITHIN A REASONABLE PERIOD OF TIME. **IN NO EVENT IS SELLER LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS THE RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, SERVICING, USE OR LOSS OF USE OF THE PRODUCTS OR ANY PART THEREOF, OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT SELLER'S WRITTEN CONSENT, WHETHER BASED IN CONTRACT, TORT OR OTHER LEGAL THEORY. IN NO EVENT SHALL SELLER'S LIABILITY UNDER ANY CLAIM MADE BY BUYER EXCEED THE PURCHASE PRICE OF THE PRODUCTS.**

**7. User Responsibility.** The user, through its own analysis and testing, is solely responsible for making the final selection of the system and Product and assuring that all performance, endurance, maintenance, safety and warning requirements of the application

are met. The user must analyze all aspects of the application and follow applicable industry standards and Product information. If Seller provides Product or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the Products or systems.

**8. Loss to Buyer's Property.** Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, will be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer ordering the items manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

**9. Special Tooling.** A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture Products. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the Products, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller has the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

**10. Buyer's Obligation; Rights of Seller.** To secure payment of all sums due or otherwise, Seller retains a security interest in all Products delivered to Buyer and this agreement is deemed to be a Security Agreement under the Uniform Commercial Code. Buyer authorizes Seller as its attorney to execute and file on Buyer's behalf all documents Seller deems necessary to perfect its security interest.

**11. Improper Use and Indemnity.** Buyer shall indemnify, defend, and hold Seller harmless from any losses, claims, liabilities, damages, lawsuits, judgments and costs (including attorney fees and defense costs), whether for personal injury, property damage, patent, trademark or copyright infringement or any other claim, brought by or incurred by Buyer, Buyer's employees, or any other person, arising out of: (a) improper selection, application, design, specification or other misuse of Products purchased by Buyer from Seller; (b) any act or omission, negligent or otherwise, of Buyer; (c) Seller's use of patterns, plans, drawings, or specifications furnished by Buyer to manufacture Products; or (d) Buyer's failure to comply with these terms and conditions. Seller shall not indemnify Buyer under any circumstance except as otherwise provided.

**12. Cancellations and Changes.** Buyer may not cancel or modify or cancel any order for any reason, except with Seller's written consent and upon terms that will indemnify, defend and hold Seller harmless against all direct, incidental and consequential loss or damage. Seller may change Product features, specifications, designs and availability.

**13. Limitation on Assignment.** Buyer may not assign its rights or obligations under this agreement without the prior written consent of Seller.

**14. Force Majeure.** Seller does not assume the risk and is not liable for delay or failure to perform any of Seller's obligations by reason of events or circumstances beyond its reasonable control (hereinafter "Events of Force Majeure"). Events of Force Majeure shall include without limitation: accidents, strikes or labor disputes, acts of any government or government agency, acts of nature, delays or failures in delivery from carriers or suppliers, shortages of materials, or any other cause beyond Seller's reasonable control.

**15. Waiver and Severability.** Failure to enforce any provision of this agreement will not invalidate that provision; nor will any such failure prejudice Seller's right to enforce that provision in the future. Invalidation of any provision of this agreement by legislation or other rule of law shall not invalidate any other provision herein. The remaining provisions of this agreement will remain in full force and effect.

**16. Termination.** Seller may terminate this agreement for any reason and at any time by giving Buyer thirty (30) days prior written notice. Seller may immediate-

ly terminate this agreement, in writing, if Buyer: (a) breaches any provision of this agreement (b) appoints a trustee, receiver or custodian for all or any part of Buyer's property (c) files a petition for relief in bankruptcy on its own behalf, or one if filed by a third party (d) makes an assignment for the benefit of creditors; or (e) dissolves its business or liquidates all or a majority of its assets.

**17. Governing Law.** This agreement and the sale and delivery of all Products are deemed to have taken place in, and shall be governed and construed in accordance with, the laws of the State of Ohio, as applicable to contracts executed and wholly performed therein and without regard to conflicts of laws principles. Buyer irrevocably agrees and consents to the exclusive jurisdiction and venue of the courts of Cuyahoga County, Ohio with respect to any dispute, controversy or claim arising out of or relating to this agreement.

**18. Indemnity for Infringement of Intellectual Property Rights.** Seller is not liable for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Section. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets ("Intellectual Property Rights"). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that a Product sold pursuant to this agreement infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If a Product is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using the Product, replace or modify the Product so as to make it noninfringing, or offer to accept return of the Product and refund the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller is not liable for claims of infringement based on information provided by Buyer, or directed to Products delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any Product sold hereunder. The foregoing provisions of this Section constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

**19. Entire Agreement.** This agreement contains the entire agreement between the Buyer and Seller and constitutes the final, complete and exclusive expression of the terms of sale. All prior or contemporaneous written or oral agreements or negotiations with respect to the subject matter are herein merged. The terms contained herein may not be modified unless in writing and signed by an authorized representative of Seller.

**20. Compliance with Laws.** Buyer agrees to comply with all applicable laws, regulations, and industry and professional standards of care, including those of the United Kingdom, the United States of America, and the country or countries in which Buyer may operate, including without limitation the U. K. Bribery Act, the U.S. Foreign Corrupt Practices Act ("FCPA"), the U.S. Anti-Kickback Act ("Anti-Kickback Act") and the U.S. Food Drug and Cosmetic Act ("FDCA"), each as currently amended, and the rules and regulations promulgated by the U.S. Food and Drug Administration ("FDA"), and agrees to indemnify and hold harmless Seller from the consequences of any violation of such provisions by Buyer, its employees or agents. Buyer acknowledges that it is familiar with the provisions of the U. K. Bribery Act, the FCPA, the FDA, and the Anti-Kickback Act, and certifies that Buyer will adhere to the requirements thereof. In particular, Buyer represents and agrees that Buyer will not make any payment or give anything of value, directly or indirectly to any governmental official, any foreign political party or official thereof, any candidate for foreign political office, or any commercial entity or person, for the purpose of influencing such person to purchase Products or otherwise benefit the business of Seller.



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