

18-AC98D1-7-EN

Installer's Guide

Condensing Units 4TTR6018-061

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

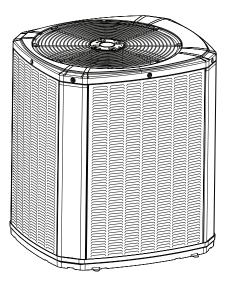
IMPORTANT — This Document is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

These instructions do not cover all variations in systems or provide for every possible contingency to be met in connection with the installation. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to your installing dealer or local distributor.

Note: The manufacturer recommends installing only approved matched indoor and outdoor systems. Some of the benefits of installing approved matched indoor and outdoor split systems are maximum efficiency, optimum performance and the best overall system reliability.

Table of Contents

Section 1. Safety	2
Section 2. Unit Location Considerations	
Section 3. Unit Preparation	4
Section 4. Setting the Unit	5
Section 5. Refrigerant Line Considerations	
Section 6. Refrigerant Line Routing	
Section 7. Refrigerant Line Brazing	
Section 8. Refrigerant Line Leak Check	
Section 9. Evacuation	
Section 10. Service Valves	-
Section 11. Electrical - Low Voltage	
Section 12. Electrical - High Voltage	
Section 13. Start Up	
Section 14. System Charge Adjustment	
Section 15. Checkout Procedures and Troubleshooting	
Section 16. Refrigeration Circuits	
occurring in a meninger autori on currenti sinimitari in anti anti anti anti anti anti anti	·····∠ I



Section 1. Safety

A WARNING

This information is intended for use by individuals possessing adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage. The manufacture or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

A WARNING

These units use R-410A refrigerant which operates at 50 to 70% higher pressures than R-22. Use only R-410A approved service equipment. Refrigerant cylinders are painted a "Rose" color to indicate the type of refrigerant and may contain a "dip" tube to allow for charging of liquid refrigerant into the system. All R-410A systems use a POE oil that readily absorbs moisture from the atmosphere. To limit this "hygroscopic" action, the system should remain sealed whenever possible. If a system has been open to the atmosphere for more than 4 hours, the compressor oil must be replaced. Never break a vacuum with air and always change the driers when opening the system for component replacement. For specific handling concerns with R-410A and POE oil reference Retrofit Bulletins SS-APG006-EN and APP-APG011-EN.

WARNING

UNIT CONTAINS R-410A REFRIGERANT!

R-410A operating pressures exceed the limit of R-22. Proper service equipment is required. Failure to use proper service tools may result in equipment damage or personal injury.

SERVICE

USE ONLY R-410A REFRIGERANT AND AP-PROVED POE COMPRESSOR OIL.

A WARNING

Extreme caution should be exercised when opening the Liquid Line Service Valve. Turn counterclockwise until the valve stem just touches the rolled edge. No torque is required. Failure to follow this warning will result in abrupt release of system charge and may result in personal injury and /or property damage.

WARNING

LIVE ELECTRICAL COMPONENTS! During installation, testing, servicing, and troubleshooting of this product, it may be necessary to work with live electrical components. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

A WARNING

The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.

WARNING

Children should be supervised to ensure that they do not play with the appliance.

If using existing refrigerant lines make certain that all joints are brazed, not soldered.

Scroll compressor dome temperatures may be hot. Do not touch the top of compressor; it may cause minor to severe burning.

WARNING

WARNING!

This product can expose you to chemicals including lead which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Section 2. Unit Location Considerations

2.1 Unit Dimensions and Weight

	Table 2.1												
Unit D	Unit Dimensions and Weight												
Models	H x D x W (in)	Weight* (lb)											
4TTR6018J	29 x 30 x 33	161											
4TTR6024J	29 x 30 x 33	162											
4TTR6030J	37 x 30 x 33	184											
4TTR6036J	37 x 34 x 37	212											
4TTR6042J	45 x 34 x 37	252											
4TTR6048J	45 x 34 x 37	256											
4TTR6049J	45 x 34 x 37	272											
4TTR6060J	45 x 34 x 37	277											
4TTR6061C	45 x 34 x 37	280											
* Weight values are	e estimated.												

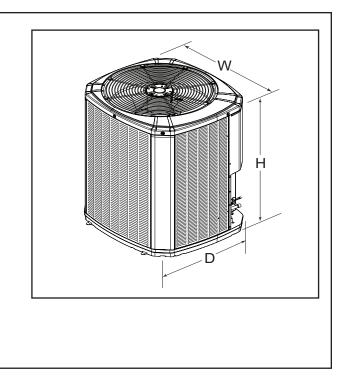
When mounting the outdoor unit on a roof, be sure the roof will support the unit's weight.

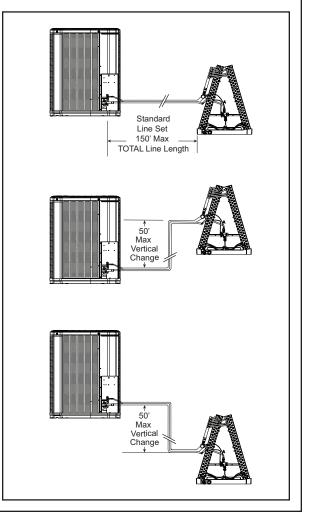
Properly selected isolation is recommended to alleviate sound or vibration transmission to the building structure.

2.2 Refrigerant Piping Limits

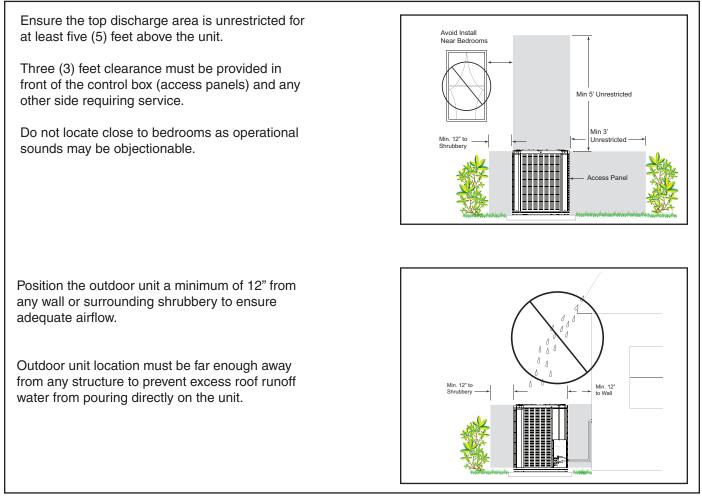
- 1. The maximum TOTAL length of refrigerant lines from outdoor to indoor unit should NOT exceed 150 feet (including lift).
- 2. The maximum vertical change should not exceed 50 feet.
- 3. Service valve connection diameters are shown in Table 5.1.

Note: For other line lengths, Refer to Refrigerant Piping Application Guide, SS-APG006-EN or Refrigerant Piping Software Program, 32-3312-03 (or latest revision).





2.3 Suggested Locations for Best Reliability

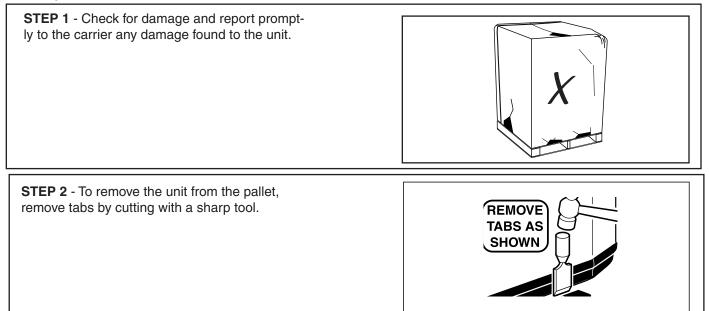


2.4 Coastal Considerations

If installed within one mile of salt water, including seacoasts and inland waterways, models without factory supplied Seacoast Salt Shields require the addition of BAYSEAC001 (Seacoast Kit) at installation time.

Section 3. Unit Preparation

3.1 Prepare The Unit For Installation

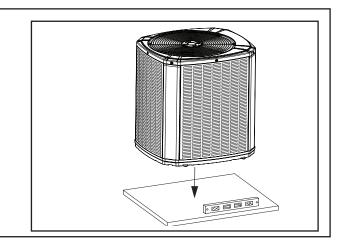


Section 4. Setting the Unit

4.1 Pad Installation

When installing the unit on a support pad, such as a concrete slab, consider the following:

- The pad should be at least 1" larger than the unit on all sides.
- The pad must be separate from any structure.
- The pad must be level.
- The pad should be high enough above grade to allow for drainage.
- The pad location must comply with National, State, and Local codes.



Section 5. Refrigerant Line Considerations

Table 5.1 Line Sizes Service Valve Connection Sizes Vapor Liquid Vapor Line Liauid Line Model Line Line Connection Connection 4TTR6018J 3/4 3/8 3/4 3/8 3/4 3/8 3/4 3/8 4TTR6024J 4TTR6030J 3/4 3/8 3/8 3/4 4TTR6036J 7/8 3/8 3/4 3/8 4TTR6042J 7/8 3/8 7/8 3/8 4TTR6048J 7/8 3/8 7/8 3/8 4TTR6049J 3/8 3/8 7/8 7/8 1-1/8 3/8 4TTR6060J 7/8 3/8 4TTR6061C 1-1/8 3/8 7/8 3/8

5.1 Refrigerant Line and Service Valve Connection Sizes

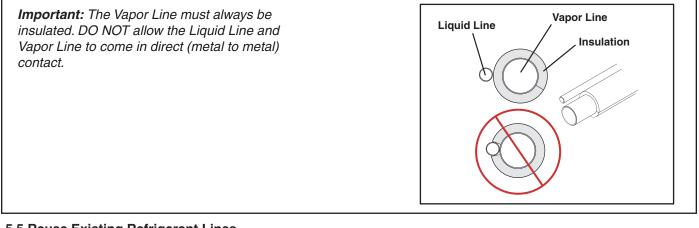
5.2 Factory Charge

Trane outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, fifteen (15) feet of tested connecting line, and the smallest indoor evaporative coil match. If connecting line length exceeds fifteen (15) feet and/or a larger indoor evaporative coil is installed, then final refrigerant charge adjustment is necessary.

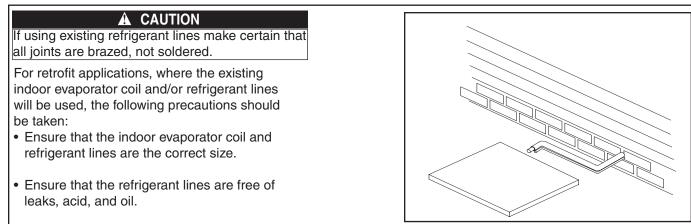
5.3 Required Refrigerant Line Length

Determine required line length and lift. You will need this later in STEP 2 of Section 14.	
Total Line Length = Ft.	
Total Vertical Change (lift) = Ft.	

5.4 Refrigerant Line Insulation



5.5 Reuse Existing Refrigerant Lines



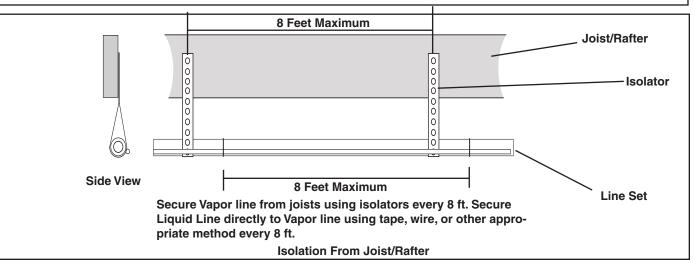
Section 6. Refrigerant Line Routing

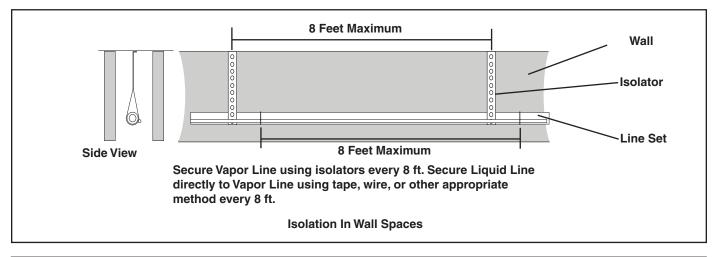
6.1 Precautions

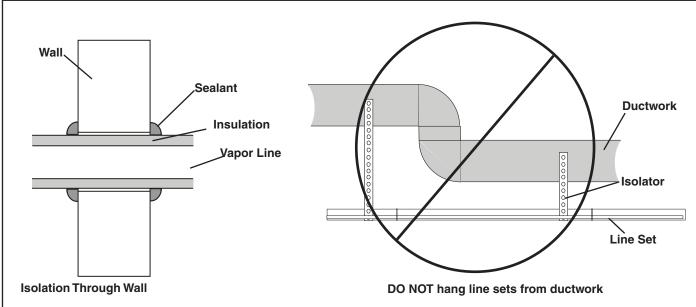
Important: Take precautions to prevent noise within the building structure due to vibration transmission from the refrigerant lines. For Example:

Comply with National, State, and Local Codes when isolating line sets from joists, rafters, walls, or other structural elements.

- When the refrigerant lines have to be fastened to floor joists or other framing in a structure, use isolation type hangers.
- Isolation hangers should also be used when refrigerant lines are run in stud spaces or enclosed ceilings.
- Where the refrigerant lines run through a wall or sill, they should be insulated and isolated.
- · Isolate the lines from all ductwork.
- Minimize the number of 90° turns.



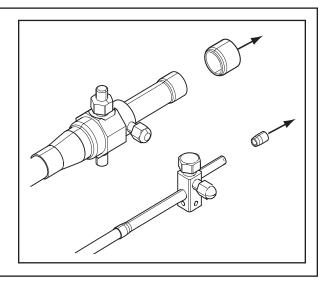




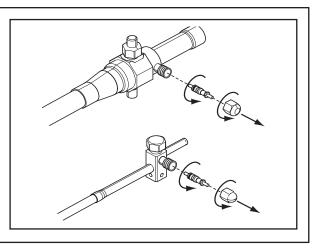
Section 7. Refrigerant Line Brazing

7.1 Braze The Refrigerant Lines

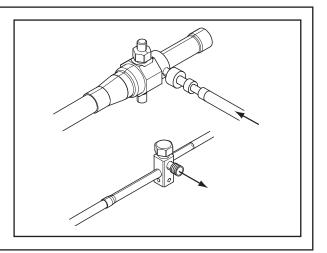
STEP 1 - Remove caps or plugs. Use a deburing tool to debur the pipe ends. Clean both internal and external surfaces of the tubing using an emery cloth.



STEP 2 - Remove the pressure tap cap and valve cores from both service valves.



STEP 3 - Purge the refrigerant lines and indoor coil with dry nitrogen.



STEP 4 - Wrap a wet rag around the valve body to avoid heat damage and continue the dry nitrogen purge.

Braze the refrigerant lines to the service valves.

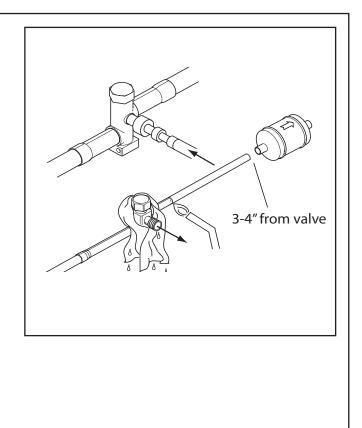
For units shipped with a field-installed external drier, check liquid line filter drier's directional flow arrow to confirm correct direction of refrigeration flow (away from outdoor unit and toward evaporator coil) as illustrated. Braze the filter drier to the Liquid Line.

Continue the dry nitrogen purge. Do not remove the wet rag until all brazing is completed.

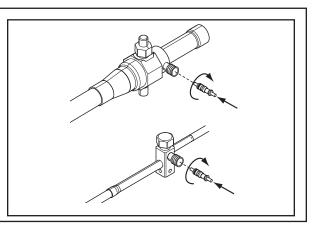
Important: Remove the wet rag before stopping the dry nitrogen purge.

Note: Install drier in Liquid Line.

NOTE: Precautions should be taken to avoid heat damage to basepan during brazing. It is recommended to keep the flame directly off of the basepan.

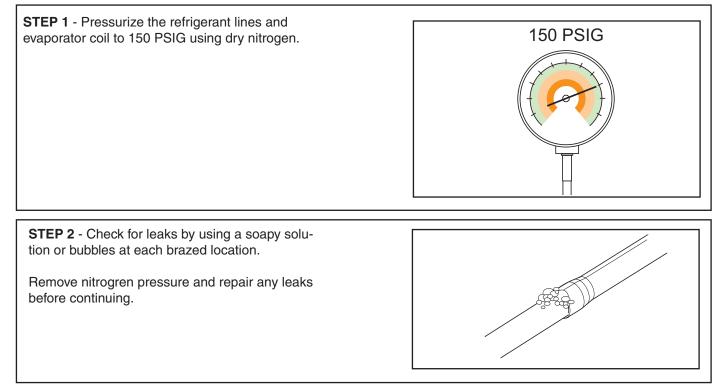


STEP 5 - Replace the pressure tap valve cores after the service valves have cooled.



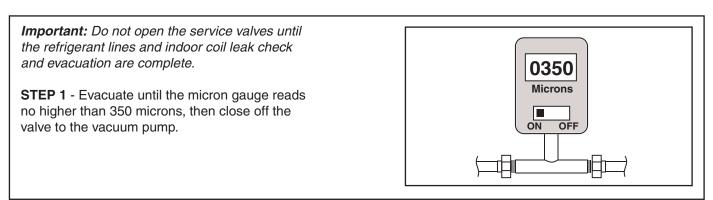
Section 8. Refrigerant Line Leak Check

8.1 Check For Leaks



Section 9. Evacuation

9.1 Evacuate the Refrigerant Lines and Indoor Coil



STEP 2 - Observe the micron gauge. Evacuation is complete if the micron gauge does not rise above 500 microns in one (1) minute.

Once evacuation is complete blank off the vacuum pump and micron gauge, and close the valves on the manifold gauge set.

Section 10. Service Valves

10.1 Open the Gas Service Valve

Important: Leak check and evacuation must be completed before opening the service valves.

NOTE: Do not vent refrigerant gases into the atmosphere

STEP 1 - Remove valve stem cap.

STEP 2 - Using an adjustable wrench, turn valve stem 1/4 turn counterclockwise to the fully open position.

STEP 3 - Replace the valve stem cap to prevent leaks. Tighten finger tight plus an additional 1/6 turn.

10.1 Open the Liquid Service Valve

WARNING

Extreme caution should be exercised when opening the Liquid Line Service Valve. Turn counterclockwise until the valve stem just touches the rolled edge. No torque is required. Failure to follow this warning will result in abrupt release of system charge and may result in personal injury and /or property damage.

Important: Leak check and evacuation must be completed before opening the service valves.

STEP 1 - Remove service valve cap.

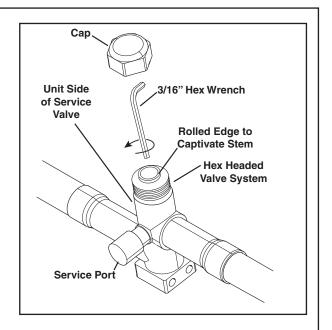
STEP 2 - Fully insert 3/16" hex wrench into the stem and back out counterclockwise until valve stem just touches the rolled edge (approximately five (5) turns.)

STEP 3 - Replace the valve cap to prevent leaks. Tighten finger tight plus an additional 1/6 turn.

Section 11. Electrical - Low Voltage

11.1 Low Voltage Maximum Wire Length

Table 11.1 defines the maximum total length of low voltage wiring from the outdoor unit, to the indoor unit, and to the thermostat.

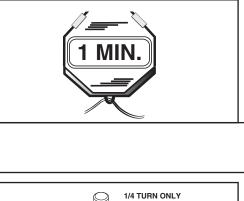


UNIT SIDE

OF VALVE

PRESSURE TAP PORT

Table 11.1											
24 VOLTS											
WIRE SIZE	MAX. WIRE LENGTH										
18 AWG	150 Ft.										
16 AWG	225 Ft.										
14 AWG	300 Ft.										



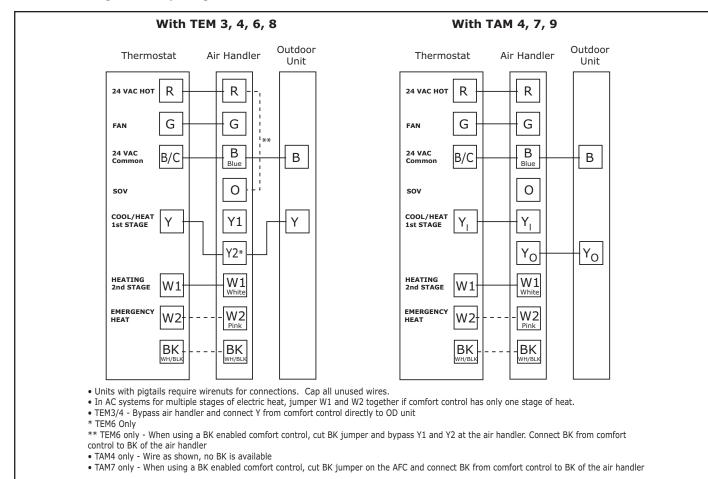
COUNTERCLOCKWISE

VALVE STEM

GAS LINE CONNECTION

FOR FULL OPEN POSITION

11.2 Low Voltage Hook-up Diagrams



With Furnace		With Variable Speed Furnace
Thermostat Furnace	Outdoor Unit	Thermostat Furnace Outdoor Unit
24 VAC HOT R R		24 VAC HOT R R
FAN G G		FAN G G
24 VAC Common B/C B	В	24 VAC Common B/C B B
COOL Y1 Y	Y	cool $Y1$ $\overline{x}\overline{x}1$ Y \overline{y} $$
* W2		*W2+
* If equipped with second stage heat	t, jumper W1 and W2 tog	sed wires. ether if comfort control has only one stage of heat. pass Y and YLo at the furnace. Connect BK from comfort control to

Section 12. Electrical - High Voltage

12.1 High Voltage Power Supply

A WARNING

LIVE ELECTRICAL COMPONENTS! During installation, testing, servicing, and troubleshooting of this product, it may be necessary to work with live electrical components. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

The high voltage power supply must agree with the equipment nameplate. Power wiring must comply with national, state,

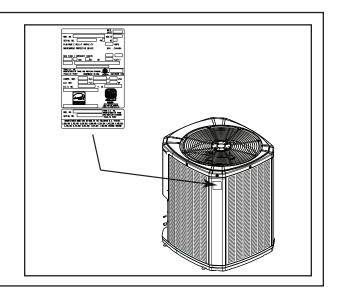
and local codes. Follow instructions on unit wiring diagram located

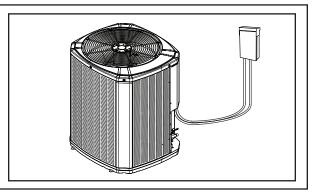
on the inside of the control box cover and in the Service Facts document included with the unit.

12.2 High Voltage Disconnect Switch

Install a separate disconnect switch at the outdoor unit.

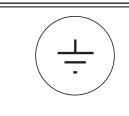
For high voltage connections, flexible electrical conduit is recommended whenever vibration transmission may create a noise problem within the structure.





12.3 High Voltage Ground

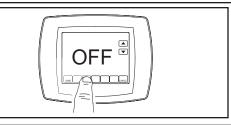
Ground the outdoor unit per national, state, and local code requirements.



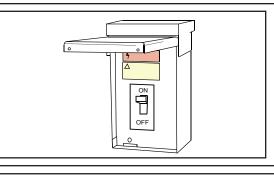
Section 13. Start Up 13.1 System Start Up

STEP 1 - Ensure Sections 7 through 12 have been completed.

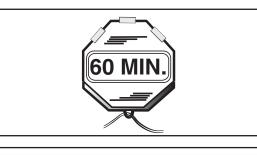
STEP 2 - Set System Thermostat to OFF.



STEP 3 - Turn on disconnect(s) to apply power to the indoor and outdoor units.



STEP 4 - Wait one (1) hour before starting the unit if compressor crankcase heater accessory is used and the Outdoor Ambient is below 70°F.

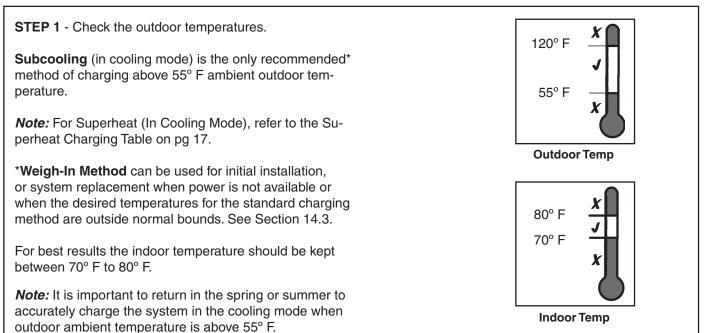


ON

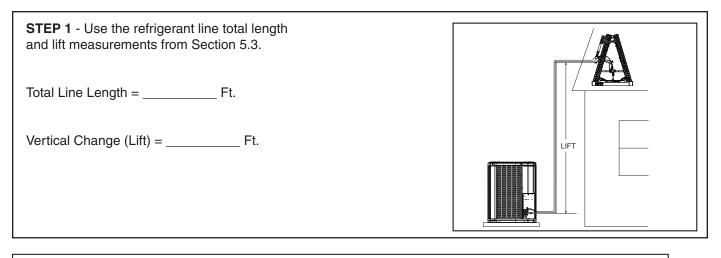
STEP 5 - Set system thermostat to ON.

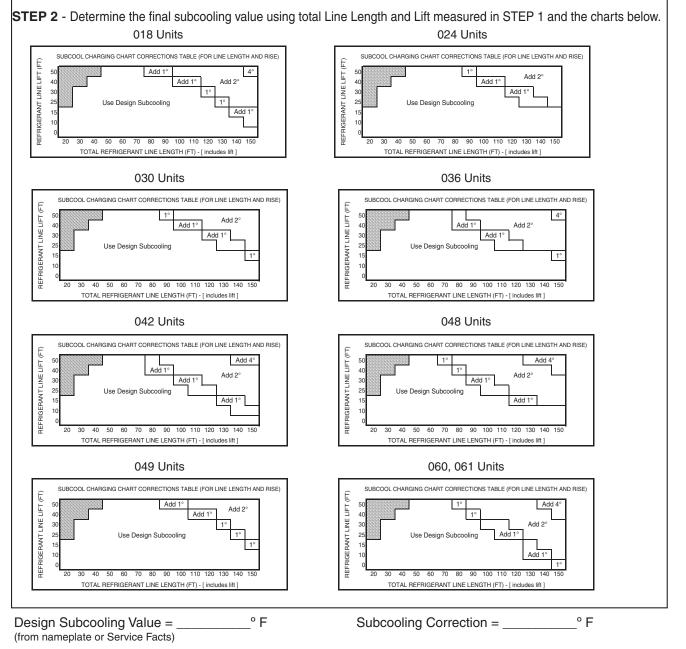
Section 14. System Charge Adjustment

14.1 Temperature Measurements (Systems can be rated with TXV, EEV or Piston. Ensure charging method is correct).



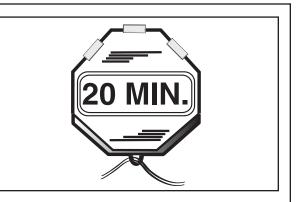
14.2 Subcooling Charging in Cooling (Above 55° F Outdoor Temp.)





STEP 3 - Stabilize the system by operating for a minimum of 20 minutes.

At startup, or whenever charge is removed or added, the system must be operated for a minimum of 20 minutes to stabilize before accurate measurements can be made.

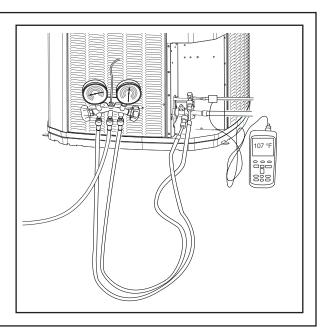


STEP 4 - Measure the liquid line temperature and pressure at the outdoor unit's service valve.

Measured Liquid Line Temp = _____ ° F

Liquid Gage Pressure = _____ PSI

Final Subcooling Value = _____ ° F



STEP 5 - Use the final subcooling value, refriger- ant temperature and pressure from STEP 4, to determine the proper liquid gage pressure using	Table 14.2 R-410A REFRIGERANT CHARGING CHART
Table 14.2.	LIQUID FINAL SUBCOOLING (°F)
	TEMP 8 9 10 11 12 13 14
	(°F) LIQUID GAGE PRESSURE (PSI)
Example: Assume a 12° F Final Subcooling	55 179 182 185 188 191 195 198
value and liquid temp of 90° F.	60 195 198 201 204 208 211 215
	65 211 215 218 222 225 229 232
1 Logate 10° E Einel Subsceling in Table 14.0	70 229 232 236 240 243 247 251
1. Locate 12° F Final Subcooling in Table 14.2.	75 247 251 255 259 263 267 271
2. Locate the Liquid Temperarature (90° F) in	<u>80</u> 267 271 275 279 283 287 291
the left column.	85 287 291 296 300 <u>304</u> 309 313
3. The Liquid Gage Pressure should be ap-	<u>90</u> <u>309</u> <u>313</u> <u>318</u> <u>322</u> <u>327</u> <u>331</u> <u>336</u>
proximately 327 PSI. (This is the shown as	95 331 336 241 346 351 355 360
the intersection of the Final Subcooling column	100 355 360 365 370 376 381 386
and the Liquid Temperature row.	<u>105</u> 381 386 391 396 402 407 413
	110 407 413 418 424 429 435 441
	115 435 441 446 452 458 464 470
	120 464 470 476 482 488 495 501
	125 495 501 507 514 520 527 533
	From Dwg. D154557P01 Rev. 3

STEP 6 - Adjust refrigerant level to attain proper gage pressure.

Add refrigerant if the Liquid Gage Pressure is lower than the chart value.

- 1. Connect gages to refrigerant bottle and unit as illustrated.
- 2. Purge all hoses.
- 3. Open bottle.
- 4. Stop adding refrigerant when liquid line temperature and Liquid Gage Pressure matches the charging chart Final Subcooling value.

Recover refrigerant if the Liquid Gage Pressure is higher than the chart value.

STEP 7 - Stabilize the system.

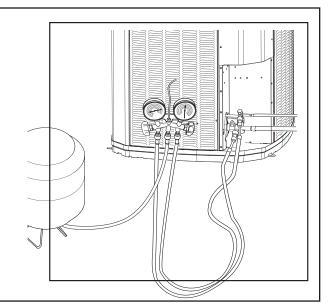
1. Wait 20 minutes for the system condition to stabilize between adjustments.

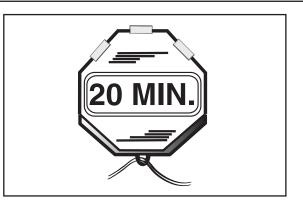
Note: When the Liquid Line Temperature and Gage Pressure approximately match the chart, the system is properly charged.

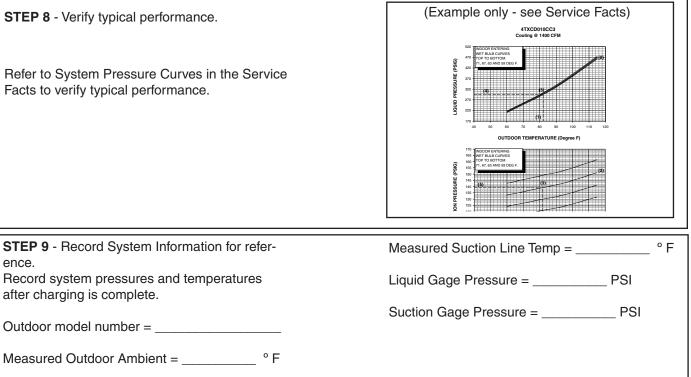
- 2. Remove gages.
- 3. Replace service port caps to prevent leaks. Tighten finger tight plus an additional 1/6 turn.

STEP 8 - Verify typical performance.

Refer to System Pressure Curves in the Service Facts to verify typical performance.







Measured Indoor Ambient = ° F

Measured Liquid Line Temp = _____ ° F

ence.

Weigh-In Method can be used for the initial installation, or anytime a system charge is being replaced. Weigh-In Method can also be used when power is not available to the equipment site or operating conditions (indoor/outdoor temperatures) are not in range to verify with the subcooling charging method.

													Indo	or We	et Bu	lb Te	mp (F)												
		50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
	55	7	9	10	11	12	14	15	17	18	20	21	23	24	26	27	29	30												
	60	5	7	8	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	31										\square
	65	Ì		4	6	8	10	11	13	14	16	17	18	19	21	22	24	25	27	28	27	31			ĺ					
	70					5	7	8	10	11	13	14	16	17	18	19	21	22	24	25	27	28	30	31						
Outdoor	75							5	6	7	9	10	12	14	16	18	19	21	22	24	26	28	29	31	32					
Dry	80									4	6	7	9	10	11	12	14	16	18	19	21	23	25	26	28	29	31	33		
Bulb Temp.	85											4	6	7	9	10	13	14	16	18	20	21	23	24	26	28	29	30	31	32
(F)	90													4	6	8	10	11	13	14	16	18	20	22	24	25	27	28	30	31
	95															4	6	8	10	13	14	16	18	20	22	23	25	26	28	29
	100																	6	8	10	12	13	16	18	20	21	23	25	27	29
	105																	4	6	7	9	11	13	15	18	20	22	24	26	28
	110																			4	7	9	11	13	16	18	21	23	26	28
	115																					6	9	12	14	16	19	21	24	26
Using a d perature. outside o ADD refri after any	Use f this igerar	these char nt to	e terr ging DEC	npera table REA	itures e. SE to	s to le otal s	ocate supe	e the rheat	targ t. RE	et su MOV	perh 'E re	eat c frige	on the	e cha o IN(rging CRE	g tab	le. D	o not	t atte	empt	to ch	narge	e the	syst	tem i	if the	se co	ondit	ions	fall

Fixed Orifice Superheat Charging Table

Calculating Charge Using the Weigh-In Method

STEP 1 - Measure in feet the distance between the outdoor unit and the indoor unit and record on Line 1. Include the entire length of the line from the service valve to the IDU.

STEP 2 - Enter the charge multiplier (0.6 oz/ft). Each linear foot of interconnecting tubing requires the addition of 0.6 oz of refrigerant.

STEP 3 - Multiply the total length of refrigerant tubing (Line 1) times the value on Step 2. Record the result on Line 3 of the Worksheet.

STEP 4- This is the amount of refrigerant to weigh-in prior to opening the service valves.

Section 15. Checkout Procedures and Troubleshooting

15.1 Operational And Checkout Procedures

Final phases of this installation are the unit Operational and Checkout Procedures. To obtain proper performance, all units must be operated and charge adjustments made.

Important: Perform a final unit inspection to be sure that factory tubing has not shifted during shipment. Adjust tubing if necessary so tubes do not rub against each other when the unit runs. Also be sure that wiring connections are tight and properly secured.

CHECKOUT PROCEDURE

After installation has been completed, it is recommended that the entire system be checked against the following list:

7.	Be sure that indoor coil drain line drains freely. Pour water into drain pan	
8.	Be sure that supply registers and return grilles are open and unobstructed[]	
9.	Be sure that a return air filter is installed []	
10.	Be sure that the correct airflow setting is used. (Indoor blower motor)[]	
11.	Operate complete system in each mode to ensure safe operation[]	

1. Line length (ft)

2. Charge multiplier x <u>0.6</u>

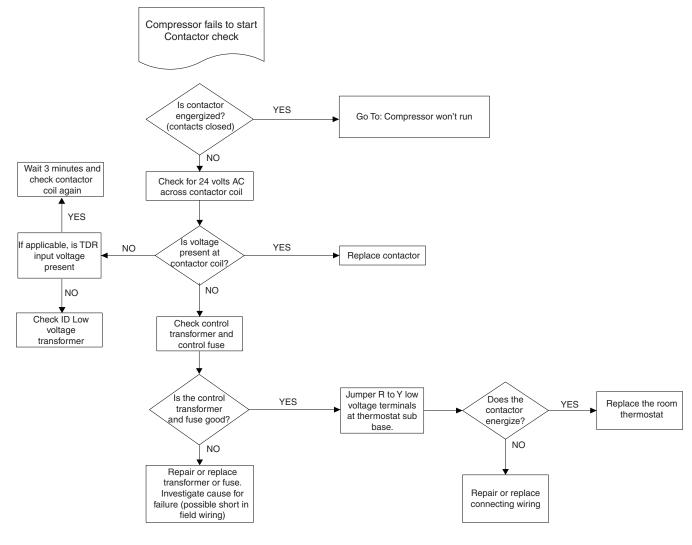
3. Step 1 x Step 2 = _____

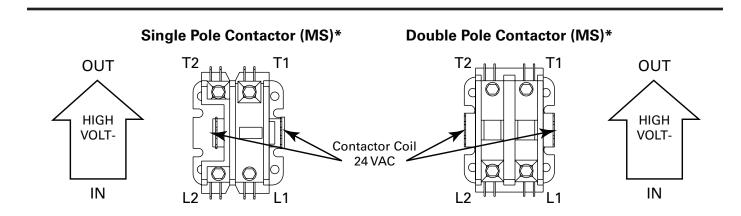
= _____

4. Refrigerant

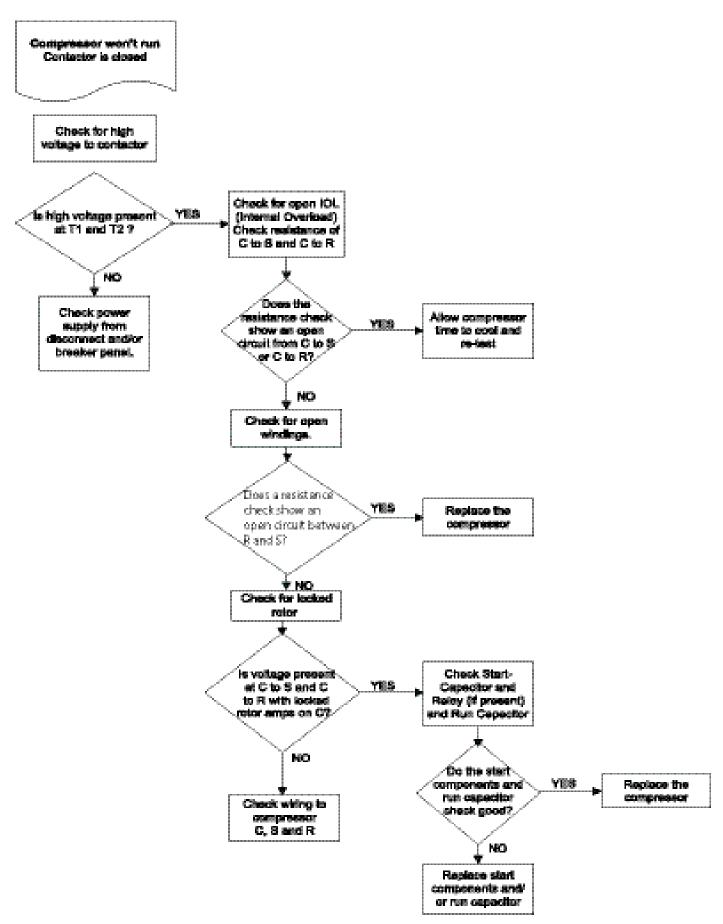
SYSTEM FAULTS	HIGH VOLLER SUT	COMPTON MININ	PUN SOR IS	STIPI CAPACITY	CONT SUPPORT		CONTROL CONTROL	TRANSFORMENTS	The second	CONTRATION IN	LOW VOLTOR CE	THOM CUT THOM FUEL	INTERFORM PRESSO	BEF. UNUE COM	EXe REF. ON CHAME	THE SELVE CHARTER	KONCONE INP. LOR	0.0. RES. O.V. BABLE	TAN PECITI ANTICO	THEE SOULAND	an uch of	REF. RES. LOPERING		See Ser Horney	CON COLL LEAVE	*ULEON VALUE DEFECTIVE	DELTROST EAME	CONTRACTOR	an TROL USE	
REFRIGERANT CIRCUIT																														
Head Pressure Too High	С																Р	P	S	Ρ	S				S					
Ũ	Н																Ρ	Ρ	S			_		P	S	_				
Head Pressure Too Low	С														S	P			_			S	S		S	S	S	P		
	Н														S	Р		_				S	S	<u> </u>	S	S	<u> </u>	P P		
Suction Pressure Too High	С	<u> </u>													S		Ρ	Ρ	_				S	<u> </u>	<u> </u>	P	<u> </u>	۲		
-	Н	<u> </u>													S	-							S			Р				
Suction Pressure Too Low	С	<u> </u>														P P		_		_			S S	P	S		S			
	H C	\vdash	\vdash													Р		-+	_	S	S	Р	S	\vdash	S			P		
Liquid Refrig. Floodback (TXV/EEV)	Н	-					_							_					_			P		-	<u> </u>		<u> </u>	P		
Lieuid Defeie, Fleedheel	п С	-								_						-	Р		_	S	S	Р	S	P	-			P		
Liquid Refrig. Floodback (Cap. Tube)	H	-	\vdash														P		_	s S	S		S		┣─		S			
(Cap. Tube) I.D. Coil Frosting	С	\vdash	\vdash					_		_						Р	Г	-	_	S	S		3	\vdash	┝		0			
	Н	-	\vdash				_									Р		-	_	3	3			-	├		-			
Commence Dune	С	\vdash	\vdash					_	_	_					S	P		S	S				S	P	s	S	S	S		
Compressor Runs Inadequate or No Cooling/Htg	Н	-						_		_					S	P		-	S				S	P	S	S	3	S		
ELECTRICAL	111														0				0				0	<u>'</u>	0	0		0		-
Compressor & O.D. Fan	С	Р	Р						S	Р	S	Р	Р																	
Won't Start	H	P	P						S	P	S	P	P						_					-	-					
Compressor Will Not Start	C	† ·	P	S	Р	S	S	S			-			Р										\vdash	╞					_
But O.D. Fan Runs	H		P	S	P	S	S	S						P						_										_
	C		P	-	P	-	Ť	S																						_
O.D. Fan Won't Start	H		P		P			S																						
	С				Р	S	S	S						Р																
Compressor Hums But Won't Start	Н				Ρ	S	S	S						Ρ																
	С		Р	S	Ρ	S	S	S						Ρ	S	Р	Ρ	S		S	S		S			S				_
Compressor Cycles on IOL	Н		Р	S	Ρ	S	S	S						Ρ	S	Р	Ρ	S		S			S	Р		S				_
I.D. Blower Won't Start	C H	P P	P P						S S	P P	S S		S S																	
DEFROST	1	Ľ	. ·						5	·	5		5								1	L	L	I	L	I	I			
	С																													
Unit Won't Initiate Defrost	H											\square															P		Р	Р
	C																										<u> </u>		÷	<u> </u>
Defrost Terminates on Time	H															Р		\neg												Р
	C																													<u> </u>
Unit Icing Up	H															Р				S	S			s			Р			Ρ
C - Cooling H - Heating	P		Prim	narv	C	11154	20	_	5 -	Sec	on	dary		alle	29		k -	2 D	has		nlv				·					_

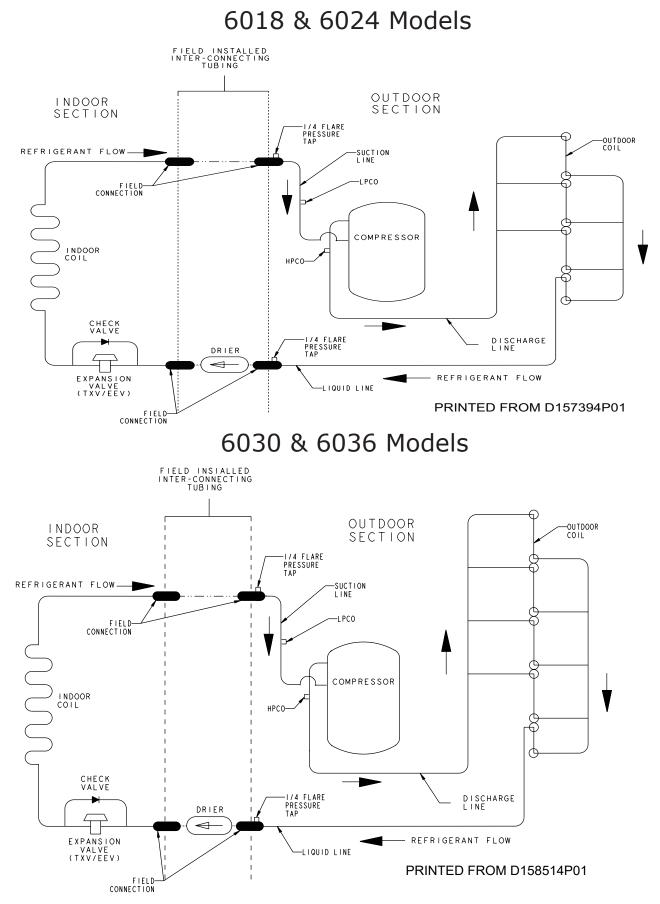
TROUBLESHOOTING



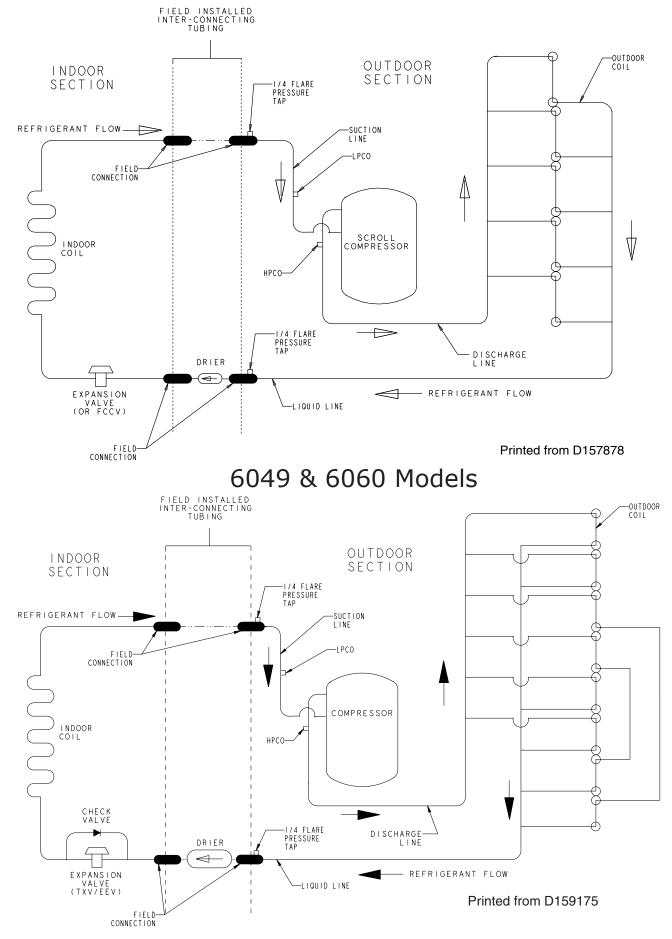


TROUBLESHOOTING

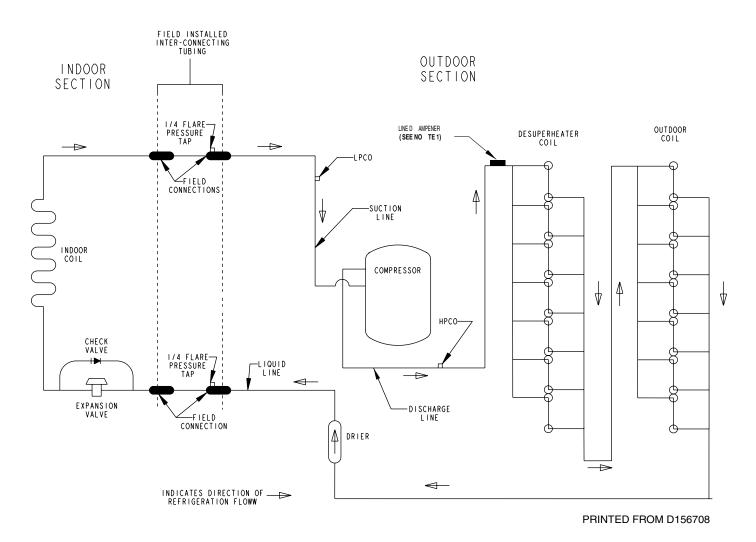




6042 & 6048 Models



6061 Model







6200 Troup Highway Tyler, TX 75707 www.trane.com 18-AC98D1-7-EN The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specifications without notice. Representative-only illustrations included in this document.

© 2018 Trane