



PRODUCT GUIDE 2019

RECOVERY, VACUUM & SERVICE
EQUIPMENT FOR THE HVAC/R INDUSTRY





ABOUT JAVAC



JAVAC has a proud heritage of supplying quality tools to the HVAC/R industry. For over 50 years our brand has stood for quality, reliability and service – making JAVAC one of the UK's most trusted names in HVAC/R service equipment.

As part of the Aspen Pumps Group we are now able to bring JAVAC to European customers for the first time and like all Aspen Pumps Group brands, our focus is on products which make the installer's life easier.



Our 5* service and support promise means faster return of your valuable kit when it needs maintenance, calibration or repair, all through our dedicated service centres in the UK, France and Germany.

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All universal/POE dye capsules are NSF Certified and registered to meet food-grade processing requirements for category codes HTX-2 and HX-2.



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THE JAVAC BRANDS




Trustworthy and built to last – JAVAC is our core range of quality precision HVAC/R tools

Packed with extra features – these products are designed to make the job that little bit easier, giving you the ‘Edge’.




**SPARK
PROOF**

Protected switches
& circuit breaker


Spark proof –
5 m hard wired
240 V lead


XTR-ALTIMA A2L SPARK PROOF RECOVERY UNIT

- Suitable for R32, R1234YF plus all standard refrigerants
- Spark proof design: 5 m hard wired 240 V cable
- Fast recovery rates, twin head compressor
- High torque AC motor



Part No.	XTRC2-A2L
Suitability	R32, R1234YF, HFC/HCFC/CFC/A2L, Standard refrigerants

SPECIFICATION	
Push/Pull (kg/hr)	660
Vapour (kg/hr)	30
Liquid (kg/hr)	216
Power supply	240 V
Motor size	3/4 HP
HP cut out	500 psi (35 bar)
Compressor	V-Twin with electronic starter
Weight	16 kg
Dimensions	420 x 290 x 420 mm



**DUAL
VOLTAGE
& SPARK
PROOF**

Protected switches
& circuit breaker

Spark proof
design:
5 m hard
wired lead

Dual Voltage
115 V* / 230 V



XTR-PRO DV A2L SPARK PROOF & DUAL VOLTAGE RECOVERY UNIT

- Suitable for R32, R1234YF plus all standard refrigerants
- Spark proof design: 5 m hard wired 240 V cable
- Dual Voltage – switch easily to 115 V* or 230 V
- Integrated circuit breaker protection
- X-Connect technology protects against incorrect voltage



Part No.	XTR-PRO-DV
Suitability	R32, R1234YF, HFC/HCFC/CFC/A2L, Standard refrigerants

* 115 V lead not included, available on request.



SPECIFICATION

Push/Pull (kg/hr)	300
Vapour (kg/hr)	15
Liquid (kg/hr)	90
Power supply	115 V* or 230 V
Motor size	1/2 HP
HP cut out	500 psi (35 bar)
Compressor	Oil-less
Weight	12 kg
Dimensions	420 x 290 x 420 mm


 FAST
& LIGHT
WEIGHT


XTR-ULTRA REFRIGERANT RECOVERY UNIT

- Ultra lightweight – 8.4 kg
- Ultra fast liquid recovery rate – 120 kg/hr
- Suitability HFC/HCFC/CFC

Part No.	XTR-ULTRA
Suitability	HFC/HCFC/CFC



SPECIFICATION

Push/Pull (kg/hr)	420
Vapour (kg/hr)	19
Liquid (kg/hr)	120
Power supply	240 V
Motor size	3/4 HP
HP cut out	550 psi (38 bar)
Compressor	Oil less
Weight	8.4 kg
Dimensions	320 x 220 x 260 mm



CARESAVER HYDROCARBON

- Liquid and vapour recovery with automatic changeover
- Self discharging and Hot Gas/Cool Gas discharge switch
- On board refrigerant storage facility - capacity 250g
- Automatic high and low pressure safety switches and manual low pressure override switch
- 110V and 240V models available
- Compressor protection, HP switch plus thermal overload

Part No.	CARESAVER110V CARESAVER-240V
Suitability	Hydrocarbon

SPECIFICATION	
Recovery (kg/hr)	32
Power supply	110 V and 240 V models
Motor size	145W
HP cut out	360 psi (25 bar)
Compressor	Hermetic oil-lubricated, air cooled
Weight	21 kg
Dimensions	470 x 235 x 335 mm



Isolation solenoid valve

Dual oil mist filters to prevent oil mist

Two stage oil sealed vacuum pump

SPARK PROOF



BULLDOG A2L SPARK PROOF DUAL VOLTAGE VACUUM PUMP

- Dual Voltage
- 5 m hardwired with socket to accept 240V or 110V* cable
- Two stage oil sealed vacuum pump
- Isolation solenoid valve
- Dual oil mist filters to prevent oil mist



- Spark proof!**
- Integrated spark proof power switch, lead and circuit breaker
 - 5 m hard wired cable

Part No.	VBD1622
Suitability	All standard and A2L applications

*110V cable sold separately.

SPECIFICATION	
Stage	Double
Ultimate vacuum	15 microns
Free air displacement	156 l/m (5.5 CFM)
Power supply	240V/110V 50Hz
Motor size	2880 rpm
Power cord	Glanded
Oil capacity	450 ml
Intake fittings	1/4", 5/16", 3/8" SAE
Weight	12.5 kg
Dimensions	338 x 212 x 238 mm



CC-SERIES VACUUM PUMPS CC-21, CC-31, CC-141, CC-231

A range of heavy duty, high performance vacuum pumps specifically designed for the HVAC / R industry.



CC-21



Model shown
CC-141



Model / Part No.	CC-21	CC-31	CC-141	CC-141AMM	CC-231	CC-231AMM
Suitability	All		Ammonia		All	Ammonia
	Non H/C & A2L					

SPECIFICATION						
Stage	Double					
CFM	1	1.4	5.3		9	
Ultimate vacuum (microns)	38	15		12		
Free air displacement (CFM, l/m)	1/28	1.4/40	5.3/140		9/230	
Power supply	240 V 50Hz	Dual voltage 110/240 V 50Hz				
Motor size HP	1/4		1/3		2/3	
Power cord connection to pump	Glanded			IEC		
Oil capacity (ml)	140	380	450		500	
Intake fittings	1/4	1/4 SAE, 3/8 SAE and 1/2 ACME				
Weight	4.5 kg	9.8 kg	12 kg		15.5 kg	
Dimensions	347 x 137 x 194 mm	330 x 135 x 255 mm	350 x 135 x 255 mm		380 x 160 x 285 mm	

LC25 INDUSTRIAL VACUUM PUMP

For use on all large commercial chillers and multi compressor packs to significantly reduce evacuation time.



Part No.	LC25-1
Suitability	All (Non H/C & A2L)

SPECIFICATION

Stage	2
CFM	15
Ultimate vacuum (mbar)	0.5 mbar
Free air displacement (CFM, l/m)	15/666
Power supply	240 V
Motor size	0.75 KW
Power cord	Wired
Oil capacity (ml)	1000
Intake fittings	Inlet 1/2"G or 3/8 flare
Weight	25 kg (55 lbs)
Dimensions	356 x 280 x 212 mm

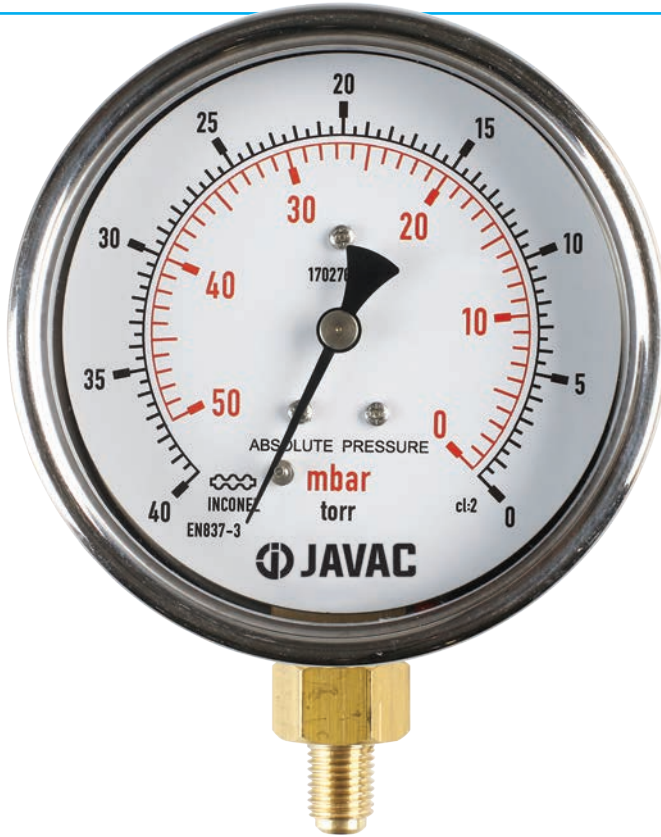


JAVAC UNIVERSAL VACUUM PUMP OIL

- Designed for rotary vane vacuum pumps.
- Maximises performance and increases depth of vacuum
- Contains additives to improve the anti wear performance, oxidation resistance, corrosion protection, pour point (cold starting), air release and anti foaming tendencies

Product	Part No.
JAVAC Vacuum Pump Oil 1 L	HV68/1J
JAVAC Vacuum Pump Oil 4 L	HV68/4J





TORR GAUGE

- JAVAC Absolute Vacuum Gauge
- Stainless Steel construction
- Blow out plug for over pressure protection (available as a spare part no. CR2-PLUG)

Part No.	CR2-40
Accuracy	Class 2
Units	Torr, mbar
Operating pressure range	0 - 40 Torr / 50 mbar
Connector type	1/4" Flare connection
Diameter	100 mm (4")



MAGNETIC STRAP!



VG64 DIGITAL VACUUM GAUGE

Dual port, high resolution, fast response digital vacuum gauge now with convenient magnetic HVAC strap.

- Reads vacuum in seven international units
- Ultra fine resolution
- Convenient built-in hanger
- Magnetic strap
- Auto shut-off
- Easy to clean sensor (use isopropyl alcohol)
- Display updates every 1/2 second
- Low battery indicator

Part No.	VG-64
Operating pressure range	0-12,000 microns
Resolution	1 micron when vacuum is less than or equal to 200 microns
Sensor type	Thermistor
Accuracy	+/- 10% (100-1000 microns)

Units	Microns, mbar, Pa, Torr, mTorr, psi, inHG
Operating temperature range	35°F to 125°F (2°C to 52°C)
Maximum overpressure	500 psi (34 Bar)
Connector type	Standard 1/4" male flared fitting
Power Source	9 V battery (not included)
Battery life	40 hours
Auto shut off	After 10 Minutes when vacuum reading is above 12,000 microns (12 Torr)

 CALIBRATION SERVICE AVAILABLE	 1 YEAR GUARANTEE	 5★ SERVICE & SUPPORT
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**ACTUAL
SIZE!**



DIGITAL VACUUM GAUGE

- Patented vacuum gauge technology* enables the highest accuracy possible in a micron gauge
- Small and mighty. Pocket size, measuring only 110mm tall
- Automatic oil sensor
- 'Calibration self-check' function tells the user when and if re-calibration is necessary
- Instantaneous warm-up and response time
- 'Leak Rate Indicator' and 'Programmable Productivity' functions (Evacuation and Rise-Time Analysis) – saving you time by automating the work.

Part No. **JAV-1041**

SPECIFICATION

Range	0 - 25,000 Microns (3330 Pa, 33.30 mBar, 25 mmHg)
Accuracy	± (5% of Reading + 5 Microns)
Resolution	1 Micron (0.1 Pa, 0.001 mBar, 0.001 mmHg)
Units	Microns, Pa, mBar, mmHg, Torr
Warm-up Time	Instant
Response Time	Instant
Power	Two 'AAA' Alkaline Batteries. Up to 100 hours
Operating temperature	-12°C - 50°C
Maximum Overpressure	500 PSI (34.5 Bar)
Dimensions	110 x 33 x 25 mm
Weight	77 g including batteries



TEK-Mate LEAK® DETECTOR

- F-GAS Compliant, tested to BSEN14624
- Controls soft touch switch-off, low sensitivity, high sensitivity
- Contamination adjustment - automatic
- R22: 2g / yr
- R410A: 5g / yr

Part No.	705-202-G21
Sensitivity	CFCs, HCFCs, HFCs R22: 2g/yr, R410A: 5g/yr
Sensor technology	Heated diode
Operating temperature range	-20°F to 122°F -27°C to 50°C
Power	2 D-size (1.5-volt) alkaline batteries
Battery life	16 hours
Display	Visual LED
Weight	700 g (25 oz)
In the box	Sensor, 2 D-size alkaline batteries, spare filters, hard carrying case

Suggested spares	Part No.
Filter for TEK-Mate	705-600-G1
Spare sensor for TEK-Mate	703-020-G1



D-TEK SELECT® LEAK DETECTOR

- F-GAS Compliant, tested to BSEN14624
- Ultra high sensitivity to all standard refrigerant gases. 1gm/yr
- Infrared – does not weaken with time
- Will not react with air flow or smoke, 1gm/yr sensitivity

Part No.	712-202-G21U
Sensitivity	1gm/yr (R22, R410A, R404A, R134A, and all CFC, HCFCs and HFCs)
Sensor technology	Infrared
Operating temperature range	-20°F to 122°F -27°C to 50°C
Power	NiMH Rechargeable Power stick
Battery life	6.5 hours
Display	Visual LED
Weight	540 g (19 oz)
In the box	Infrared cell, power stick, spare filters, hard carrying case

Suggested spares	Part No.
Infrared cell	712-701-G1
Filter kit	712-707-G1



D-TEK CO2® LEAK DETECTOR

- Low risk of false alarms because it equalises to the CO₂ present in the air
- Consistent and accurate responses - infrared cell does not weaken over time
- Will not react to smoke, humidity, airflow or temperature changes
- Quick 'zeroing' from high efficiency air sampling
- On-board diagnostics indicate charging status and warn of low battery or infrared cell failure
- NiMH power stick won't corrode and provides greater charging capacity

Part No.	716-202-G5
Sensitivity	6gm/yr sensitivity
Sensor technology	Infrared
Power	12 V and AC adapter. Rechargeable, NiMH power sticks
Battery life	6.5 hours
Display	Visual LED
Weight	540 g (19 oz)



GAS-Mate® LEAK DETECTOR ATEX

- For R32 and all standard refrigerants and hydrocarbons
- Twice as sensitive as the nearest competitor
- TRACE-A-GAS™ sensitivity hydrogen 5 grams a year.
- Also detects natural gas, propane, butane, cyclopentane, ethane, ethanol, isobutane and ammonia – R1234YF, R1234ZE, R32, R290, R600
- Adjustable sensitivity helps pinpoint leaks fast
- Auto-zeroing for ignoring background gas levels in leak test area
- Certified intrinsically safe by MET Laboratories for use in combustible / explosive environments
- ATEX approved

Product	Part No.
Gas mate	718-202-G21
Sensitivity	5ppm methane
Sensor technology	Surface reaction
Power	2 D-size 1.5 Volt Alkaline Batteries
Battery life	16 hours
Display	Multiple LEDs, variable intensity audio alarm indicates leak strength
Weight	700 g (25 oz)

Suggested spares	Part No.
Sensor	706-700-G1



WHISPER VACUUM / NITROGEN ULTRASONIC LEAK DETECTOR

- Detects and locates sources of ultrasonic sound through the use of a specialised receiver which detects frequencies in the 40.5 kHz range
- Locates the ultrasound's source while an Internal Noise Control ensures the instrument is unaffected by audible noise
- Can be used in extremely noisy environments, such as mechanical rooms, plant rooms and operating chillers
- Optional ultrasonic transmitter for quick and accurate leak checking in walk-in coolers/freezers, wall and ceiling joints, around doors, windows, ducts, etc.

Part No.	711-202-G1
Sensitivity	40.5 kHz
Sensor technology	Ultrasonic receiver
Power	2 D-size (1.5 V) alkaline
Battery life	16 hours
Display	Visual LED
Weight	540 g (19 oz)



G1 GAS CHECK LEAK DETECTOR

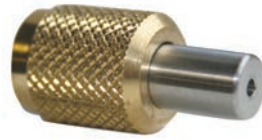
- New and advanced gas leak detector which uses an advanced micro-thermal conductivity sensor.
- Rapidly detects almost any known gas or gas mixture - particularly sensitive to helium, hydrogen, ammonia, argon, butane & SF6
- Conveniently calibrated against helium
- Improved 'Micro Thermal Conductivity Sensor' for enhanced sensitivity
- Reliable, stable and repeatable readings

Part No.	GASCHECKG1
Sensitivity	Any known gas or gas mixture - particularly sensitive to ammonia, argon, butane, helium, hydrogen, SF6
Sensor technology	Micro thermal conductivity
Units	cc/sec, g/yr, mg/m3, ppm
Operating temperature range	-20°F to 122°F -27°C to 50°C
Power	Rechargeable, NiMH power sticks
Battery life	Typically 40 hours
Display	LCD back lit display
Weight	0.45kg (1lb)



LEAK ELEMENT

- Leak element with 1/4" SAE connection. Stainless steel body with brass nut for use with a bulk supply
- Designed for quick on-site checking of leak detectors or other existing test equipment.
- Check and verification process cert can be provided for an additional fee.
- Gas supply required. R134A



Part No.	LS-4
Connector type	1/4" SAE
Suitability	Gas specific. Quote when ordering.

TEK-Check® REFERENCE LEAK

- Verifies the functionality of your leak detector
- R134A reference leak
- 5g of refrigerant
- Leak rate 5-9 grams per year at 20 Deg C.
- Easy to store

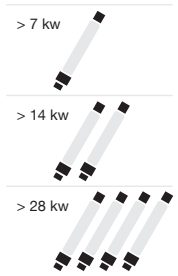
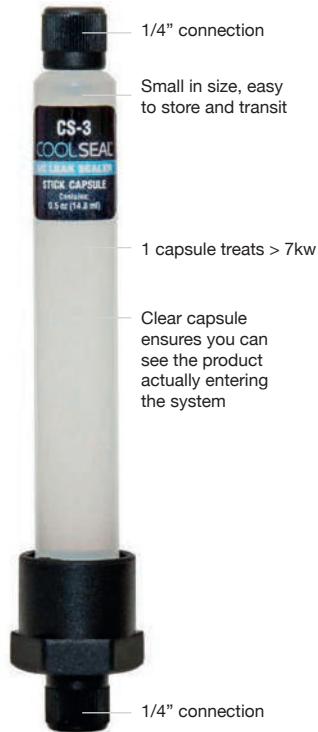
Part No.	703-080-G10
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**CHARGE
INLINE WITH
REFRIGERANT**



Simple to use. Charge inline with refrigerant



CS-3 COOL SEAL™ LEAK SEALER STICK CAPSULE

Seals leaks in condensers, evaporators, O-rings and hoses. Can add years to older, out-of-warranty AC&R systems that leak small amounts of refrigerant.

- Works with all popular refrigerants and oils.
- Non-polymer, oil-soluble formula safe for system components and recovery equipment
- Remains safely in system to help protect against future leaks
- Can be injected with system off or running
- Use any 1/4" ball valve to purge lines before use

Product	Cartridge size	Each cartridge treats	Part No.
CS-3 Cool Seal™ Leak Sealer Stick Capsule	1 x 15 ml	> 7 kw	JAV-1140 (CS-3CS-EU)
Set of 3 Ball Valves 1/4" SAE	–	–	EL33021

HOW DOES IT WORK?

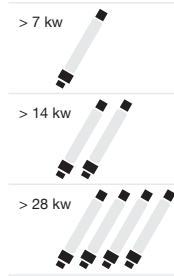
When Cool Seal™ meets the leak and is therefore exposed to the atmosphere the drop in ambient pressure and temperature creates a scab-like seal over a leak. Cool Seal™ then continues to collect around the outer perimeter of the leak site until it is fully sealed.



JAV-1103



JAV-1106



Kit includes:

- Injector assembly
- Hose/coupler with check valve, low-loss and purge fittings
- 2 x 15 ml Cool Seal™ CS-1 A/C leak sealer.

COOL SEAL™ LEAK SEALER KIT & CARTRIDGES

Seals leaks in condensers, evaporators, O-rings and hoses. Can add years to older, out-of-warranty AC&R systems that leak small amounts of refrigerant.

- Non-polymer, oil-soluble formula safe for system components and recovery equipment
- Can be injected with system off or running

Product	Cartridge size	Each cartridge treats	Part No.
CS-100 Cool Seal™ Leak Sealer Kit	2 x 15 ml	> 7 kw	JAV-1106 (CS-100CS-EU)
Cool Seal™ Replacement Cartridge	1 x 15 ml	> 7 kw	JAV-1103 (CS-1CS-EU)
CS-2 Cool Seal™ BigEZ™ Cartridge (Compatible with JAV-1129 injector assembly – requires JAV-1122 adaptor – see below)	1 x 60 ml	> 28 kw	JAV-1111 (CS-2CS-EU)
BigEZ™ cartridge EZ-Ject™ Adaptor	–	–	JAV-1122 (CS-50-EU)



JAV-1111



Simple to use. Charge inline with refrigerant

Kit includes:

- Injector assembly
- Hose/coupler with check valve, low-loss and purge fittings
- 2 x 15 ml EZ-Ject™ 4/E Universal/POE dye cartridges



JAV-1118

SMALL TO
MEDIUM
SYSTEMS



JAV-1105

EZ-JECT™ UNIVERSAL/POE DYE INJECTION KIT & CARTRIDGES

Convenient and economical. Works in all systems, including high-pressure R-410A systems. No complicated hookups! Ideal for preventive maintenance programs and for multiple, small AC&R units.

- Cost effective for small to medium size systems — Each disposable dye cartridge treats up to 7.6 L of lubricant or 11.3 kg of refrigerant.
- No pouring, no refrigerant, no spills — Prefilled EZ-Ject™ cartridges are clearly labeled with 14 calibrations so you'll introduce exactly the right amount of dye every time! When the cartridge is empty, just throw it away. A new one connects in seconds.
- Check valve prevents the backflow of dye or refrigerant and allows for easy storage of the hose/cartridge between jobs. It also prevents dye leakage or contamination. Torque from the assembly easily overcomes AC&R system pressure, even with R-410A.

Product	Cartridge size	Each cartridge treats	Part No.
EZ-Ject™ Universal/POE Dye Injection Kit	2 x 15 ml	> 7.6 L of lubricant or 11.3 kg of refrigerant	JAV-1118 (EZ-100/E-EU)
EZ-Ject™ Universal/POE dye cartridge (packs of 6)	6 x 15 ml	> 7.6 L of lubricant or 11.3 kg of refrigerant	JAV-1105 (EZ-4/E-EU)





**CHARGE
INLINE WITH
REFRIGERANT**

**GS-1, GS-2, GS-3, GS-101
GLO-STICK® UNIVERSAL DYE CAPSULES**

The revolutionary way to add fluorescent dye and refrigerant into AC&R systems. No complicated hookups! Ideal for preventive maintenance programs and for multiple, small AC&R units.

- Works in all systems, including high-pressure R-410A systems.
- Simple to use. Charge inline with refrigerant.
- Use any 1/4" ball valve to purge lines before use.



Product	Each cartridge treats	Part No.
GS-1 (packs of 6)	> 1.5 L of oil (aprx. 2.2 kg of refrigerant)	JAV-1108 (GS-1/E-EU)
GS-2 (packs of 6)	> 3.0 L of oil (aprx. 4.5 kg of refrigerant)	JAV-1109 (GS-2/E-EU)
GS-3 (packs of 6)	> 7.6 L of oil (aprx. 11.3 kg of refrigerant)	JAV-1107 (GS-3/E-EU)
GS-101 (packs of 6)	> 0.4 L of oil (aprx. 1.3kg of refrigerant)	JAV-1110 (GS-101/E-EU)
Set of 3 Ball Valves 1/4" SAE	-	EL33021

HOW DOES IT WORK?
Connect the GLO-STICK® capsule between the low-pressure gauge of a charged manifold and the service port using bleed valves. Open the valves slowly to gradually add dye into the system and let it circulate.

Scan the system with a flashlight. The precise location of all leaks will be shown by a bright, yellow-green glow.

**MOST
ECONOMICAL
FOR
LARGER
SYSTEMS**



JAV-1133



JAV-1136



JAV-1120

Kit includes:

- BigEZ™ dye injector assembly
- Hose assembly complete with check valve and 1/4" flare low-loss fitting
- 1 x 118 ml BigEZ™ dye cartridge
- Purge fitting
- Service labels

BIGEZ™ UNIVERSAL/POE DYE INJECTION KIT & CARTRIDGES

- Works in all systems, including high-pressure R-410A systems!
- Cost effective for medium to large size systems
- No pouring, no refrigerant, no spills — Prefilled BigEZ™ cartridges are clearly labeled with 32 calibrations so you'll introduce exactly the right amount of dye every time!
- Check valve prevents the backflow of dye or refrigerant and allows for easy storage of the hose cartridge between jobs. It also prevents dye leakage or contamination. Torque from the BigEZ™ assembly easily overcomes AC&R system pressure, even with R-410A.

Product	Cartridge size	Each cartridge treats	Part No.
BigEZ™ Universal/POE Injection Kit	1 x 118 ml	> 38 L of lubricant or 118 kg of refrigerant	JAV-1133 (BEZ-400/E-EU)
BEZ-2/E BigEZ™ Universal/POE dye cartridge (packs of 3)	1 x 118 ml	> 38 L of lubricant or 118 kg of refrigerant	JAV-1123 (BEZ-2/E EU)
BEZ-4/E BigEZ™ Universal/POE dye cartridge (packs of 3)	1 x 118 ml	> 61 L of lubricant or 180 kg of refrigerant	JAV-1136 (BEZ-4/E-EU)
BigEZ™ Dye Injector Assembly only (BEZ-50)	–	–	JAV-1120 (BEZ-50)



JAV-1137

JAV-1127

WATER-GLO® 802 FLUORESCENT LEAK DETECTION DYE

Find leaks fast in industrial sized water and water/glycol-based fluid systems. Ideal for heat transfer fluid system applications, including boilers, chillers, geothermal heat pump systems and many more.

- Highly concentrated dye that fluoresces green to pinpoint the exact source of the smallest, most elusive leaks
- Works with ANY leak detection lamp
- Pinpoint leaks in piping, valves, condensers, seals, welds, and fittings
- Ideal for use as part of a diagnostic/preventive maintenance program
- Available in 473 ml and 3.8 L containers

Product	Size	Part No.
WATER-GLO® 802-P	473 ml	JAV-1137 (WATER-GLO 802-P-EU)
WATER-GLO® 802-G	3.8 L	JAV-1127 (WATER-GLO 802-G-EU)

INDUSTRIAL
AC/R
SYSTEMS



JAV-1113



JAV-1132



JAV-1134

AR-GLO® FLUORESCENT LEAK DETECTION DYE

The faster, safer and easier way to locate even tiny leaks in industrial air conditioning and refrigeration systems. AR-GLO® bottled dyes can be poured directly into any AC&R system. Dye can remain safely in the system to confirm repairs and perform future preventive maintenance checks. AR-GLO® is the only dye that gives you all these benefits:

- Universal POE dye that is compatible with all refrigerants and lubricants
- OEM-approved by major compressor, refrigerant, lubricant and AC&R equipment manufacturers
- Co-solvent free so dye will not impair lubricant properties, which could lead to excessive wear or damage to the system components

Product	Size	System	Part No.
AR-GLO® 4/E-P	473 ml	POE refrigerant oil	JAV-1132 (AR-GLO 4/E-P-EU)
AR-GLO® 4/E	60 ml (1 x pack of 6)		JAV-1113 (AR-GLO 4/E-EU)
AR-GLO® 4/P	473 ml	Mineral refrigerant oil	JAV-1134 (AR-GLO 4-P-EU)

**NO
HARMFUL
SOLVENTS
OR CFCs**



**GLO-AWAY™
FLUORESCENT DYE CLEANER**

Removes all traces of fluorescent dye from repaired leak sites so repairs can be verified.

- Safe for the environment — water-based, nontoxic, nonflammable, non-carcinogenic, biodegradable and has no offensive odour
- Contains no harmful solvents or CFCs — safe for use on plastic, rubber and metals. It can be shipped without a hazardous material surcharge.

Product	Size	Part No.
CR-800	237 ml with spray nozzle	JAV-1112 (CR-800-EU)
CR-800C	237 ml with spray nozzle (1 x box of 12)	JAV-1125 (CR-800C-EU)



JAV-1129



JAV-1119

Kit includes:

- Injector assembly
- Hose/coupler with check valve, low-loss and purge fittings
- 2 x 15 ml ACID-BUSTER™ cartridges

ACID-BUSTER™ ACID SCAVENGING SOLUTION KIT

Eliminates Acid Buildup in AC&R Systems. Prevents compressor burnout!

- Twice as concentrated as competitive solutions
- Works with all refrigerants and lubricants (mineral oil, polyol ester and alkyl benzene)
- Compatible with semi-hermetic, hermetic and scroll compressors
- Direct, reusable injector eliminates the need for an oil pump
- Prefilled, disposable cartridges are easy to use

Product	Cartridge size	Each cartridge treats	Part No.
ACID-BUSTER™ Kit (AB-100CS)	2 x 15 ml	> 1.9 L of oil	JAV-1129 (AB-100CS-EU)
ACID-BUSTER™ Replacement Cartridge (AB-5)	15 ml	> 946 ml of oil	JAV-1119 (AB-5CS-EU)
ACID-BUSTER™ Replacement Cartridge (AB-4)	15 ml	> 7.6 L of oil	JAV-1130 (AB-4CS)



SMALL TO MEDIUM SYSTEMS

BLUE LED

EZ-JECT™ COMPLETE LEAK DETECTION KIT – SMALL TO MEDIUM SYSTEMS

Features the OPTIMAX Jr™ economical, cordless, blue light LED leak detection flashlight. Versatile, multi-dose dye cartridges. Injector easily overcomes system pressure. Add fluorescent dye with system off or running!

Kit includes

- OPTIMAX Jr™ leak detection flashlight
- EZ-Ject™ dye injector assembly
- Hose/coupler with check valve, low-loss and purge fittings
- 2 x 15 ml EZ-Ject™ Universal/POE dye cartridges
- 3 x drip plugs for hose/coupler
- 1 x 237 ml GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses

Part No. **JAV-1104** (OPK-50EZ/E-EU)



GLO-STICK® COMPLETE LEAK DETECTION KIT – SMALL TO MEDIUM SYSTEMS

Most refrigerant leaks are only discovered when there's a problem with your AC&R unit. If you could stop leaks before they became an issue, wouldn't you? You can avoid expensive repairs by properly caring for your unit and putting in place a preventative maintenance plan. Stop refrigerant leaks with the GLO-STICK® kit before they cause compressor burnout or worse: costly total system replacement.

Kit includes

- OPTIMAX™ 400 violet leak detection flashlight
- Bleed valve for attaching GLO-STICK® capsule to service hose
- Hose/coupler with check valve, low-loss and purge fittings
- 1 x 15 ml Universal/POE GS-1 GLO-STICK® dye capsule
- 2 x 15 ml Universal/POE GS-2 GLO-STICK® dye capsules
- 1 x 15 ml Universal/POE GS-3 GLO-STICK® dye capsule
- 1 x 237 ml GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses
- Dye treatment tags
- Rugged carrying case

The GLO-STICK® kit contains GLO-STICK® in different concentrations to treat AC&R systems. Everything comes packed in a convenient and durable carrying case for easy transport and storage.

Part No. **JAV-1139**
(OPK-40GS/E-EU)



EZ-JECT™ COMPLETE LEAK DETECTION KIT – SMALL TO MEDIUM SYSTEMS

Complete EZ-Ject™ Kit. Features the OPX-400 OPTIMAX™ 400 economical, cordless, violet light LED leak detection flashlight. Versatile, multi-dose dye cartridges. Injector easily overcomes system pressure. Add fluorescent dye with system off or running!

Kit includes

- OPTIMAX™ 400 violet leak detection flashlight
- EZ-Ject™ dye injector assembly
- Hose/coupler with check valve, low-loss and purge fittings
- 2 x 15 ml EZ-Ject™ Universal/POE dye cartridges
- 1 x 237 ml GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses
- Rugged carrying case

Part No. **JAV-1138** (OPK-40EZ/E-EU)



EZ-JECT™ COMPLETE LEAK DETECTION KIT – SMALL TO MEDIUM SYSTEMS

Complete EZ-Ject™ Kit. Features the OPX-3000 OPTIMAX™ 3000 cordless, rechargeable blue light LED leak detection flashlight. Versatile, multi-dose dye cartridges. Injector easily overcomes system pressure. Add fluorescent dye with system off or running!

Kit includes

- OPTIMAX™ 3000 blue leak detection flashlight
- EZ-Ject™ dye injector assembly
- Hose/coupler with check valve, low-loss and purge fittings
- 2 x 15 ml EZ-Ject™ Universal/POE dye cartridges
- 1 x 237 ml GLO-AWAY™ dye cleaner
- Fluorescence-enhancing glasses
- Rugged carrying case

Part No. **JAV-1124** (OPK-300EZ/E/FB-EU)



ECONOMICAL



OPTIMAX™ 400 VIOLET LIGHT LEAK DETECTION FLASHLIGHT

Economical and powerful, violet light LED leak detection flashlight. Reveals even the smallest refrigerant leaks!

- Provides optimal fluorescent dye response and contrast
- Power comparable to high-intensity 150-watt lamps
- Works with universal/POE dyes only
- Includes lanyard, belt holster and fluorescence-enhancing glasses



Part No.	JAV-1128 (OPX-400CS)
Lamp style	Cordless flashlight
Light Source	Violet Light LED
Light Range	8 m
Autonomie	3 AAA Alkaline batteries included
Run Time	5 hours continuous
Lamp Diameter	3.2 cm
Length	14 cm
Weight	0.14 kg



25' (8 M)



3 AAA





RECHARGEABLE



OPTI-LUX™ 400 VIOLET LIGHT LEAK DETECTION FLASHLIGHT

4 hours of continuous inspection between charges!

- Provides optimal fluorescent dye response and contrast
- Works with popular universal/POE dyes
- Power comparable to high-intensity 150-watt lamps
- Lightweight, compact design easily gets into tight, cramped spaces
- Includes smart battery charging cradle with AC and DC cord sets, lanyard
- Fluorescence-enhancing glasses (required)

Part No.	JAV-1126 (OLX-400FB)
Lamp style	Cordless flashlight
Light Source	Violet Light LED
Light Range	8 m
Power	Rechargeable NiMH battery included
Run Time	4 hours continuous
Lamp Diameter	11.43 cm
Length	15.24 cm
Weight	2.26 kg (with battery)



25' (8 M)

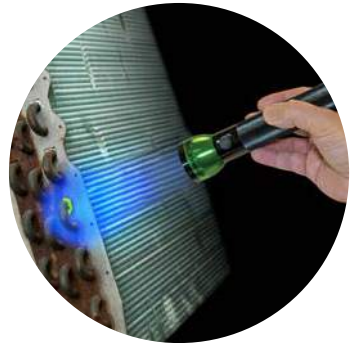


NIMH





RECHARGEABLE



OPTIMAX™ 3000 BLUE LIGHT LEAK DETECTION FLASHLIGHT

Our most powerful, cordless, rechargeable blue light LED leak detection flashlight.

- 15 times brighter than regular LED lights
- Power comparable to super-high intensity 150W lamps
- Compatible with all leak detection dyes
- Powered by a rechargeable NiMH battery (included)
- Fluorescence-enhancing glasses (required)



Part No.	JAV-1114 (OPX-3000FB)
Lamp style	Cordless flashlight
Light Source	Blue Light LED
Light Range	6.1 m
Power	Rechargeable NiMH battery included
Run Time	1.5 hours continuous
Lamp Diameter	4.45 cm
Length	13.1 cm
Weight	0.28 kg



20' (6.1 M)



NIMH





**ULTRA-
COMPACT**



OPTIMAX JR™ BLUE LIGHT LEAK DETECTION FLASHLIGHT

Mini flashlight is ultra-compact, lightweight yet powerful. Reveals even the smallest refrigerant leaks!

- Provides optimal fluorescent dye response and contrast
- Power comparable to 75W lamps
- Compatible with all leak detection dyes
- Perfect for leak checking hard-to-reach places
- Includes fluorescence-enhancing glasses (required)



Part No.	JAV-1116 (OPX-500CS)
Lamp style	Cordless flashlight
Light Source	Blue Light LED
Light Range	1.8m
Power	3 AA Alkaline batteries included
Run Time	4 hours continuous
Lamp Diameter	2.8 cm
Length	19.3 cm
Weight	0.13 kg



FLUORESCENCE ENHANCING GLASSES

Part No. **JAV-1131** (UVS-40)



FLASHLIGHT CHARGER

• 230V 50 Hz

Part No. **JAV-1117** (RB-300/F)



CARRY CASE

• Suitable for:
OPTIMAX™ 3000 (OPX300EZ/E)
OPTI-LUX™ 400 (OPK-300EZ/E)

Part No. **JAV-1121** (CC-130)





Wey-TEK HD® WIRELESS SCALE

- The worlds first and most advanced Bluetooth enabled refrigerant scale
- This large wireless platform communicates and displays data through your smartphone (optional hand piece available - see opposite)
- Offering Full F-Gas traceability for the low / high alarm settings and easy monitoring on the charge or recovery process
- A FREE downloadable app to your smartphone (compatible with IOS iPhone 4S and above and Android).
- The apps 'JOB LOG' feature keeps track and stores your data which can then be emailed or taken as a 'Snapshot'.

Part No.	719-202-G1
Type	Bluetooth Wireless
Weighing capacity	115 kg (253 lbs)
Units	lbs, kg, oz
Accuracy	+/- 0.06% of reading, +/- 10 g
Resolution	10 g
Power	4 'AA' batteries (included)
Battery life	80 hours continuous
Wireless range	9 m

Operating temperature	10 – 40°C
Weight	3.6 kg (8 lbs)
Dimensions	Platform size 32 x 28 cm
Carry case	Hard plastic carry case



Wey-TEK HD® WIRELESS HAND PIECE

- Bluetooth Hand piece to suit the Wey-TEK HD wireless base with optional hand piece
- Can be used in Lieu of smartphone via Bluetooth transmission
- Large vivid colour display is easy to read, even in direct sunlight
- Auto shut-off 20mins and screen dimming
- Magnet on hand piece for placing on a tank or nearby system



Part No. **719-715-G1**



Wey-TEK® SCALE

- The Wey-TEK is easy to use and its high accuracy load cell (10 gm) ensures exact readings no matter where the cylinder is on the weighing platform. This electronic scale handles a wide range of standard cylinders
- The precision and versatility make it ideal for charging or recovery of all refrigerants. Wey-Tek scales update with 110kg (10 gram accuracy)
- Simple controls with large LCD for easy viewing, even in direct sunlight
- High accuracy load cell won't allow drift
- Automatic and manual zeroing

Part No.	713-202-G1
Type	Digital
Weighing capacity	100 kg (220 lbs)
Units	kg, lbs
Auto shut off	After 20 min
Accuracy	+/- 0.06% of reading, +/- 10 g
Resolution	10 g
Power	Four "AA" batteries (included) in platform
Battery life	60 hours
Operating temperature	10 – 40°C
Weight (kg)	4.6 kg (10 lbs)
Dimensions (cm)	32 x 28 mm (12.5" x 11")
Carry case	Hard plastic carry case



CALIBRATION SERVICE AVAILABLE



YEAR GUARANTEE



SERVICE & SUPPORT

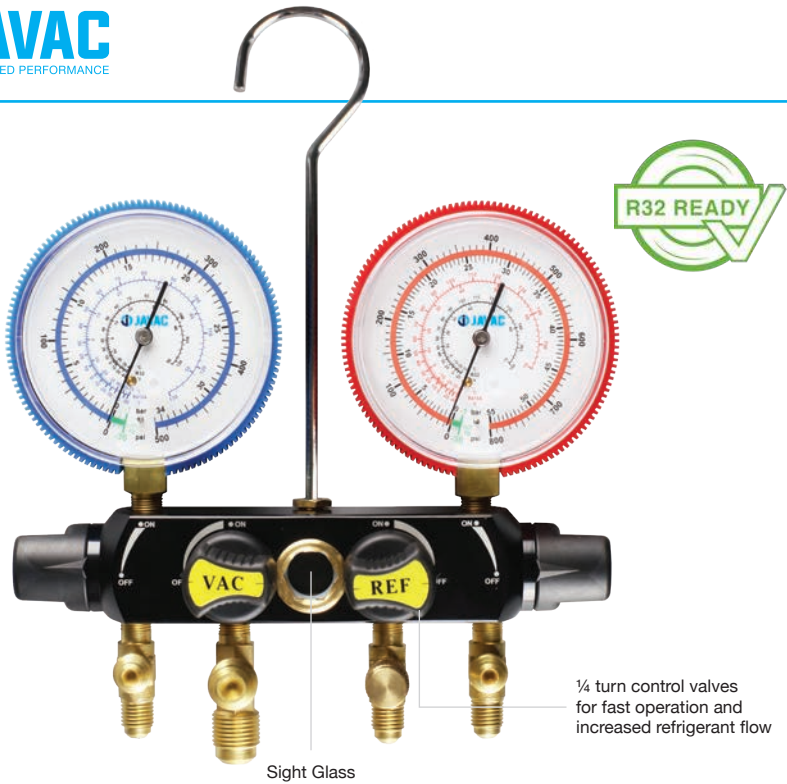


PROCHARGE 100 REFRIGERANT CHARGING SCALE

Part No. **G58610**

Type	Digital
Weighing capacity	100 kg
Accuracy	+/- 0.5%
Resolution	5 g
Power	9 V battery
Battery life	30 hours
Operating temperature	10 – 40°C
Weight	2.5 kg
Dimensions	250 x 250 mm





1/4 turn control valves for fast operation and increased refrigerant flow

Sight Glass

All JAVAC Manifolds are built to EN-837-T3, Pressure Equipment directive standards and built with the engineer in mind. Robust and easy to use with 80 mm gauge heads, either dual seal piston or 1/4 turn mechanical valves. All built with long life Teflon seals, and larger capacity bore for maximum flow. Manifold sets include Continental® hoses as standard.

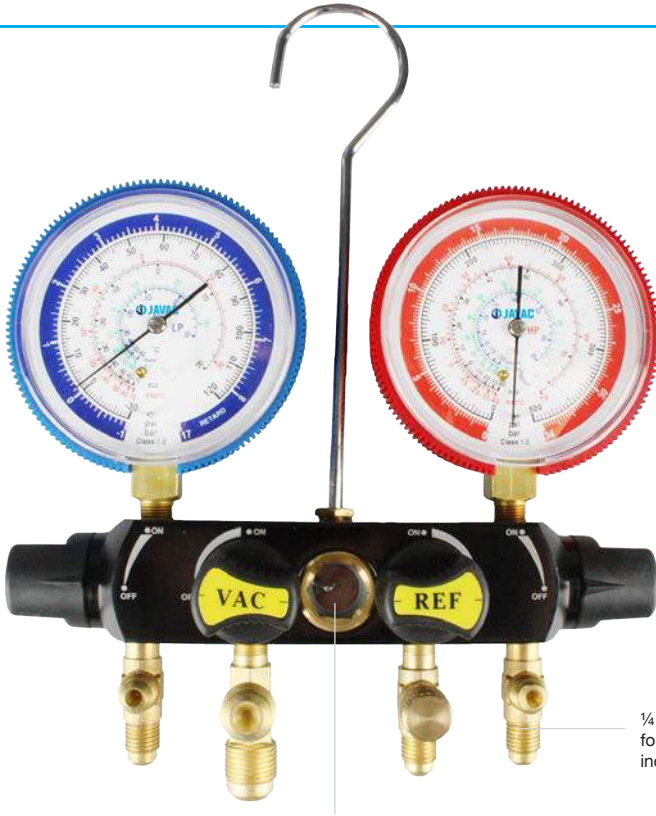


- 1/4 turn control valves for fast operation and increased refrigerant flow (EL75172, EL84372, EL86372, EL75700)
- Piston style valves to ensure perfect sealing (EL64372, EL66300, EL66372, EL74300, EL74400, EL74400)
- Forged aluminium body – durable & lightweight
- Complete with 3 x 72" Continental R/Y/B hoses
- 80 mm gauge heads with rubber protection surround
- Long life rubber seals
- Robust carry case with laser cut foam protection and manual

R410A / R32 MANIFOLDS

Product	Sight Glass	Hoses	Hard Case	Part No.
4 Valve, R410A / R32	✓	✓	✓	EL75172
2 Valve, R410A / R32	✓	✓	✓	EL86372
2 Valve, R410A / R32	–	✓	✓	EL66372
4 Valve, R410A / R32	✓	–	–	EL75700
2 Valve, R410A / R32	✓	–	–	EL74400
2 Valve, R410A / R32	–	–	–	EL66300





Sight Glass

¼ turn control valves for fast operation and increased refrigerant flow

MULTI GAS MANIFOLDS (R134A, R22, R404A, R407C)

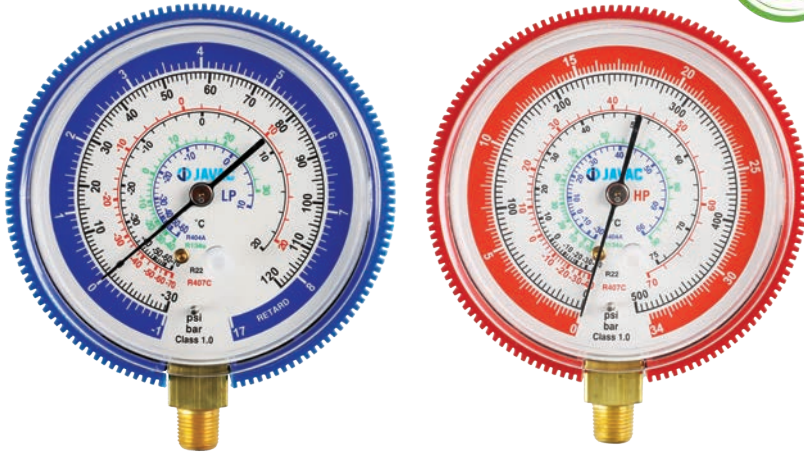
Product	Sight Glass	Hoses	Hard Case	Part No.
4 Valve, Multi Gas	✓	✓	✓	EL75372
2 Valve, Multi Gas	✓	✓	✓	EL84372
2 Valve, Multi Gas	-	✓	✓	EL64372
4 Valve, Multi Gas	✓	-	-	EL75300
2 Valve, Multi Gas	✓	-	-	EL74300




 CALIBRATION
SERVICE
AVAILABLE

1
 YEAR
GUARANTEE

5*
 SERVICE &
SUPPORT



80 MM HP / LP PRESSURE GAUGES

- Anti-flutter pointer
- Class 1 (1% accuracy)
- All internal pieces are made of brass - no plastic
- BAR & PSI

Accuracy	Class 1.0
Connection	Standard 1/8" NPT
Diameter	80 mm O.D.



Product	Part No.
LP gauge – R22, R134A, R407C, R404A	EL54511
HP gauge – R22, R134A, R407C, R404A	EL54516
LP gauge – R410A / R32	EL56511
HP gauge – R410A / R32	EL56516

MANIFOLD VALVE SERVICE KIT

Part No. [EL800-EP](#)





SUPAHOSE STAINLESS STEEL REFRIGERANT HOSES

- Flexible PTFE lining surrounded by a braided stainless steel wire.
- Maximum working pressure of 260 bar
- Temperature Range: up to +260 °C
- R22, R134A, R404A, R407C
- 1/4" SAE Connection

Length	Part No.	76 cm	300404
30.5 cm	120404	91.5 cm	360404
38 cm	150404	122 cm	480404
46 cm	180404	152.5 cm	600404
61 cm	240404	198 cm	780404





COMING
SOON!

EVACUATION AND CHARGING HOSE 3/8" WITH BALL VALVE

- 72" hose (1.8m)
- Can be used to increase flow when vacuuming a system
- Can be used to increase flow when charging refrigerant - holds positive pressure of 4000 psi
- Added ball valve can be used to break a vacuum on a system
- Ball valve can be used to isolate the system if a vacuum pump oil change is required
- Significantly reduces time when pulling a vacuum on a system



Part No. **JAV-1077**



R410A / R32 JAVAC HOSE SET 72" (x3)

- One end 1/4" straight connector and one end 5/16" 45° bend
- Available with standard or ball valve fitting
- Neoprene gaskets

Product	Fitting	Part No.
JAVAC 72" hose set	Standard	EL21772
JAVAC 72" hose set	Ball valve	EL21972



SINGLE CHARGING LINE 1/4", (x1)

- High quality lines
- Suitable for standard refrigerants
- Working pressure 60 BAR. 870 PSI



Product	Length	Part No.		
		Blue	Red	Yellow
CL-6	6" (15 cm)	9881256	9881265	9881274
CL-12	12" (30 cm)	9881255	9881264	9881273
CL-24	24" (60 cm)	9881254	9881263	9881272
CL-36	36" (90 cm)	9881253	9881262	9881271

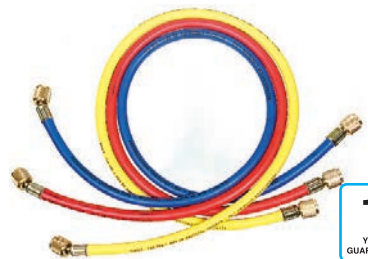
CL-48	48" (120 cm)	9881252	9881261	9881270
CL-60	60" (150 cm)	9881251	9881260	9881269
CL-72	72" (180 cm)	9881250	9881259	9881268
CL-120	120" (300 cm)	9881249	9881258	9881267
CL-144	144" (365 cm)	9881247	9881257	9881266
CL-200	200" (500 cm)	9883279	9883280	9883281



CHARGING LINE SET 1/4" (x3)

- High quality lines Suitability standard refrigerants
- Working pressure 60 BAR / 870 PSI

Product	Length	Qty per pack	Part No.
CCL-36	36" (90 cm)	3	9881278
CCL-48	48" (120 cm)	3	9881277
CCL-60	60" (150 cm)	3	9881276
CCL-72	72" (180 cm)	3	9881275





R410A / R32 HOSE SET 60" (x3)

- High quality lines
- Suitable for R410A / R32
- Working pressure 60 BAR / 870 PSI
- 1/4 x 5/16th connector



Product	Fitting	Part No.
1/2"- 20UNF	1/4 x 5/16"	9884095
1/2"-20UNF	Ball valve set back 1/4 x 5/16"	4666522
1/2-20 UNF	Standard Ball Valve 1/4 x 5/16"	4682519

HOSE GASKETS 1/4" & 5/16"

Product	Qty per pack	Part No.
Hose Rubber Gaskets 1/4"	10	EL200-10
Hose Rubber Gaskets 5/16" R410A / R32	10	EL220-10
Refco Hose Teflon® Gaskets	10	9880871

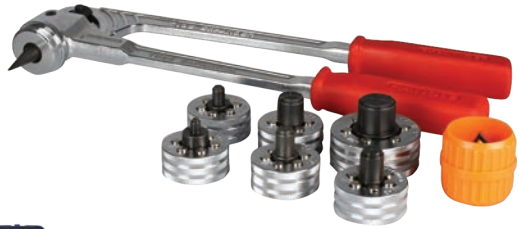


EL200-10, EL220-10

9880871

TUBE EXPANDER SET

- Heavy duty expander with 6 interchangeable expander heads – 3/8 - 1 1/8
- Includes Inner / Outer Reamer
- Designed to expand tubing for fast accurate joints in soft copper, aluminium and soft steel
- Hard steel carry case



Part No. **JAV-1000B**



1
YEAR
GUARANTEE

SINGLE EXPANDER HEADS

- Free floating and self centring
- Fits with the JAVAC Tube Expander Set JAV-1000B

Size	Part No.	Size	Part No.
3/8"	JAV1000-38	7/8"	JAV1000-78
1/2"	JAV1000-12	1 1/8"	JAV1000-118
5/8"	JAV1000-58	1 3/8"	JAV1000-138
3/4"	JAV1000-34	1 5/8"	JAV1000-158



3-IN-1 TUBE BENDERS

To bend 1/4", 5/16", 3/8" O.D. tubing

Size OD	Part No.
5/16" 90°	JTB-368
3/8" 180°	JTB-666



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YEAR
GUARANTEE

TUBE BENDERS

Robust lever type tube bender

Size OD	Part No.	Size OD	Part No.
1/4"	JTB-364-04	3/4"	JTB-364-12
5/16"	JTB-364-05	7/8"	JTB-364-14
3/8"	JTB-364-06		
1/2"	JTB-364-08		
5/8"	JTB-364-10		



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GUARANTEE

HYDRAULIC TUBE BENDER

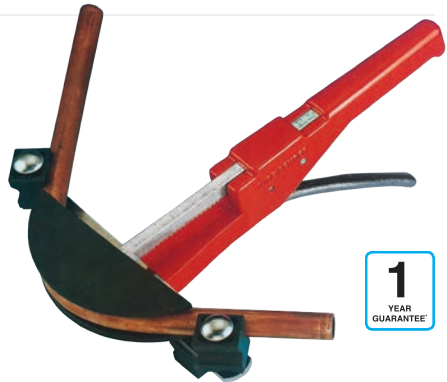
- Double hydraulic circuit means effortless operation with smooth, accurate bends
- Bends pipe: 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8
- For use only with soft drawn copper
- Die-cast aluminium body and stainless steel pump
- Adjustable pump lever according to hand size protection
- Hard plastic carry case



Part No. **HB-85**

CROSSBOW BENDER

- One handed operation to precisely bend soft drawn copper pipe
- Formers include 3/8, 1/2, 5/8, 3/4 7/8.
- Quick release mechanism allows for an easy release of the copper tube to switch to the next bend.
- Includes Inner / Outer Reamer and 1/4" - 1 1/8" tube cutter
- Hard plastic carry case



Part No. **JAV-404L**

SPRING TUBE BENDERS

Size O.D.	Part No.	5/8"	102-F-10
1/4"	102-F-04	3/4"	102-F-12
3/8"	102-F-06		
1/2"	102-F-08		



1/4"-1-5/8" INSIDE / OUTSIDE REAMER

Part No. **CT-209**



DEBURRING TOOL

Part No. **JAV-1087**



TUBE CUTTERS

- Strong titanium blade
- Cuts soft and hard drawn copper easily
- Integrated copper tube reamer
- Robust solid steel construction and smooth turn bearing rollers
- Large easy turn hand wheel

Size	Part No.
1/8 – 5/8"	JTC-16
1/8 – 1 - 1/8"	JTC-30
1/8 – 1 - 3/8"	JTC-35
1/8 – 1 - 5/8"	JTC-42



JTC-16



JTC-30



JTC-35



JTC-42

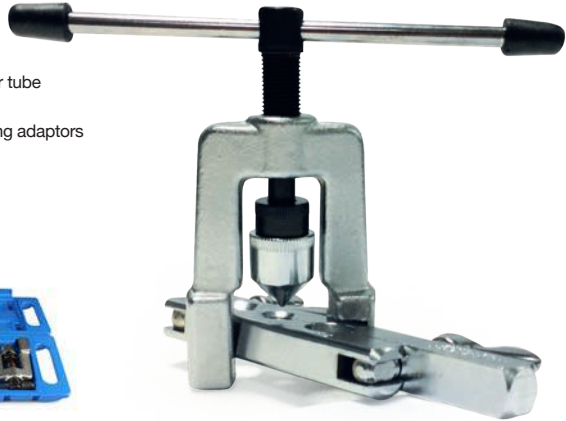
Includes inbuilt de-burring tool and spare cutting wheel!
(JTC-35 & JTC-42)

FLARING AND SWAGING KIT

- Forged high quality steel for use with copper tube
- Flaring & Swaging 1/8" – 3/4"
- Tool flaring adaptors and 3/16" – 3/4" swaging adaptors
- Hard plastic carry case

Part No. **JAV-275-K**

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GUARANTEE



ECCENTRIC FLARING KIT

- Ratchet type flaring tool with an eccentric flaring cone providing a smooth finish on all flares
- Highly recommended for joints on high pressure systems (R410A)
- Accurate Flaring
- 1/4 – 3/4" Eccentric Flaring Kit
- Hard plastic carry case

Part No. **JAV-806B**

1
YEAR
GUARANTEE





1/4" expander head



TUBE EXPANDER SET - MULTI SIZE

- Patented 1/4" Expander Head makes small to large pipework joining installations a breeze.
- 8 x expander heads included: 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"
- Hard plastic carry case

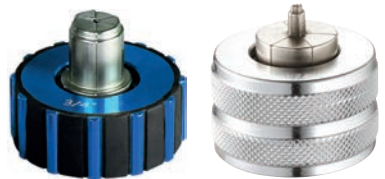


Part No. **JAV-1025**



EXPANDER HEADS

Size	Part No.	7/8"	JAV-1085
1/4"	JAV-1081	1"	JAV-1088
1/2"	JAV-1080	1-1/8"	JAV-1086
3/4"	JAV-1082	1-3/8"	JAV-1054
3/8"	JAV-1083	1-5/8"	JAV-1055
5/8"	JAV-1084		



Reverse bending attachment



TUBE BENDER SET - MULTI SIZE

- Patented 90° Indicator feature so you know when the tube has accurately reached a perfect 90° bend
- Complete with Reversing Adaptors to bend pipe in all directions with ease - perfect for awkward spaces.
- 7 x mandrel sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
- 1 x Reverse bending attachment
- Hard plastic carry case



P PATENTED DESIGN.

Part No. **JAV-1021**

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GUARANTEE



P PATENTED DESIGN.

Ergonomic TPR (Thermoplastic rubber) handles

Dual Hinge Design



JAV-1019



JAV-1016

TUBE BENDERS

Patented Dual Hinge Design – resets the handle position for extra leverage, making the second bend to 180° so simple.

Size	Part No.
3/8" O.D.	JAV-1016
1/2" O.D.	JAV-1017
5/8" O.D.	JAV-1018
3/4" O.D.	JAV-1019
7/8" O.D.	JAV-1020



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YEAR
GUARANTEE

P PATENTED DESIGN.



TUBE STRAIGHTENING TOOL

- Accurately straightens light wall tube from coil
- Straighten what you need – less material wastage
- Accelerated flow for better efficiencies from straighter pipe
- Rollers spiral along the tube to straighten and strengthen the tube
- Create radius tube bends using the central hole



Size	Part No.
1/4"	JAV-TST14
3/8"	JAV-TST38
1/2"	JAV-TST12
5/8"	JAV-TST58



**DRILL
POWERED
OR
MANUAL**

**PATENTED
DESIGN.**

Drill adaptor

Dual clutch design

Lightweight
aluminium body and
superior steel core

Tube positioning plate



DRILL POWERED FLARING TOOL

- Dual clutch design. Clutch releases when the flare is complete to prevent over compression
- Lightweight aluminium body and superior steel core
- x6 sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"
- Hard plastic carry case

Part No. **JAV-1034**



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YEAR
GUARANTEE

Lightweight aluminium body and superior steel core



Diamond Flaring Cone

Tube positioning plate



2-IN-1 FLARING AND SWAGING TOOL

- Diamond Flaring Cone deburrs and polishes during the flaring process creating an exceptional finished surface, meaning less time deburring
- Patented Diamond Flaring Cone has a unique 'square edge fitting' so when attached the cone is allowed to spin as you turn the handle. Creating a perfectly smooth finish.
- Indexing Mechanism Provides accurate alignment when switching between different hole positions on the flaring bar
- Tube Positioning Plate ensures the tube is set at the correct position for all sizes
- 6 x sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"
- Hard plastic carry case



Part No. **JAV-1023**





ECCENTRIC FLARING TOOL

Lightweight aluminum body and superior steel core

7 x sizes: 1 x 3/16", 1 x 1/4",
1 x 5/16", 1 x 3/8", 1 x 1/2",
1 x 5/8", 1 x 3/4"

Part No. **JAV-1024**



FLARE SIZE GAUGE

Designed to measure all flares to offer 100% seal tightness against all flare fittings, a must for every toolbox.

Part No. **JAV-1022**

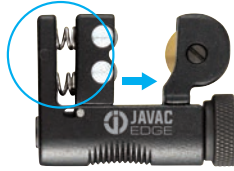


TUBE CUTTERS

All our JAVAC EDGE tube cutters feature:

- Titanium plated blade
- Patented Smart Spring Design
- AUTOMATIC CUTTING
Spring pressure advances the blade when cutting, so there is no need to re-tighten the cutter.
- SMOOTH CUTTING
The blade will adjust to the shape of the tube, creating a smooth cutting motion.

Size	Part No.
1/8 – 5/8"	JAV-1009
1/8 – 7/8"	JAV-1010
1/8 – 7/8" ratchet tube cutter set (inc. handle and small tube cutter)	JAV-1011
1/8 – 1-1/4"	JAV-1012
1/8 – 1-5/8"	JAV-1013
1/4 – 1-1/4" heavy duty with 6 ball bearing rollers	JAV-1014
3/8 – 2-5-8"	JAV-1015



JAV-1009

P **PATENTED SMART SPRING DESIGN.**



JAV-1010

JAV-1011



JAV-1012

JAV-1013



JAV-1014

Cuts stainless steel up to 3mm thick!



JAV-1015

1
YEAR
GUARANTEE

REPLACEMENT BLADES

Description	Part No.
Replacement blades to fit JAV-1010 / 11 / 12	JAV-1001
Replacement blades to fit JAV-1015	JAV-1003
Replacement blades to fit JAV-1013	JAV-1005
Replacement blades to fit JAV-1014	JAV-1006
Replacement blades to fit JAV-1009	JAV-1008





JAVAC OXY-ACETYLENE BRAZING & WELDING TOOL KIT

Product	Part No.
Complete Oxy-Acetylene tool kit (contents below)	F23220001

Compatible with
BRAZE-A-GAS®

- Toolkit contains:
- 1 X Oxygen Regulator
 - 1 X Acetylene Regulator
 - 1 X Brazing Torch And Mixer
 - 1 X Pair of 5 m Hoses
 - 1 X Flip Up Brazing Goggles
 - 3 X Lightweight Nozzles (Assorted Sizes)
 - 1 X Pistol Grip Spark Lighter
 - 1 X Cylinder Spanner
 - 1 x Multi Head Spanner
 - 1 X Nozzle Cleaning Set
 - 1 X Pair Of Flashback Arrestors



Oxygen regulator



Acetylene regulator



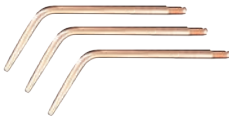
Flashback arrestors



Brazing Torch And Mixer



Pair of 5 m Hoses



Lightweight nozzles



Pistol Grip Spark Lighter



Flip Up Brazing Goggles



Multi head spanner



Cylinder spanner



Nozzle Cleaning Set



SINGLE STAGE OXYGEN & ACETYLENE REGULATORS

- 63mm pattern gauges
- Bottom entry built to BS EN ISO 2503



Product	Part No.
Oxygen regulator	0783640
Acetylene regulator	0783650

OXYGEN AND ACETYLENE FLASHBACK ARRESTORS

- FA sintered flame arresting element,
- NV non return valve
- TV thermal trip device

Product	Part No.
Oxygen flashback arrestor	50920
Acetylene flashback arrestor	50921



L/WT SHANK AND MIXER FOR OXYGEN AND ACETYLENE

Product	Part No.
L/WT Shank	81222
Mixer	81025



L/WT NOZZLES

Product	Part No.
No 7	62407
No 10	62410
No 13	62413
No 18	62418



OXYGEN & ACETYLENE 5 & 10 METRE HOSES

Product	Part No.
5 m Oxygen hose	841065
5 m Acetylene hose	849065
10 m Oxygen hose	841069M
10 m Acetylene hose	849069M



SPARK LIGHTERS

Product	Part No.
Cup spark lighter	54800003001BP
Pistol grip lighter	9430830-1PC



FRONT FLIP GOGGLES

Part No.	17007220
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OXYGEN & ACETYLENE BOTTLE TROLLEY

Part No.	9431380
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CYLINDER BOTTLE SPANNER

Part No.	9431290
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NOZZLE CLEANING KIT

Part No.	9430860
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FLEXI TORCH

- Trigger start ignition
- Flexible 205 mm stainless steel burner tube
- Access hard to reach places
- Tube stays cool throughout use
- Swirl flame
- For use with MAPP & Propane
- 800 – 1300°C



Part No. **JAV-1004**



FUSION DUAL BRAZING TORCH

- Stainless steel nozzle
- Manual ignition
- Double barrel
- Variable control swirl flame
- For use with MAPP & Propane Gas
- High Temperature, faster brazing
- 360° Swivel Tip

Part No. **FD2**



OLYMPUS BRAZING & SOLDERING TORCH

- Stainless steel nozzle
- Auto ignition
- Variable flame control
- 360° swivel tip
- For use with MAPP and Propane gas

Part No. **OLY2**





HEAT SHIELD – HEAT BLOCKING COMPOUND

A reusable putty designed to protect sensitive parts from heat damage during brazing, soldering and welding. No more need or messy wet rags!

- Apply, remove and reuse - up to 40 times!
- Handy colour changing putty shows you when you need to replace the pot

Part No. **JAV-1002**

S2 BRAZING RODS

- Premium grade S2 self-fluxing solder copper phosphorus alloy brazing rods
- Suitability copper-copper and high copper content alloys
- Melting range Solidus - 645°C, Liquidus - 850°C
- 1 kg Pack. 500 mm long • Made in the UK

Part No. **JAV-S2**





2000-FLEX LIGHTWEIGHT WELDING AND BRAZING KIT (INC. OXY & FUEL BOTTLES)

- Maximum temperature: 3050°C
- 330 mm x 107 mm x 165 mm (Cans on trolley)

Kit includes:

- 1 Gas fuel bottle (non refillable)
- 1 Oxygen bottle (930 ml – 110 bars, non refillable)
- Spark Lighter
- Hoses & regulators
- Flashback arrestors
- Goggles

Product	Part No.
Flex Welding and Brazing kit	FLEX-2000
Oxygen bottle	OXYGENBOTTLE
Gas fuel bottle	FUEL BOTTLE 1350

NITROGEN REGULATOR 50 BAR (OFN)

- Designed for testing refrigeration systems that use R410A (in accordance with BS EN 378)
- 1/4 SAE flare outlet connection to allow for rapid connection to industry standard hoses
- Large pressure adjustment knob to allow for easy pressure adjustment

Part No.	RS-750
Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Connector type	1/4" outlet flare connection



NITROGEN PRESSURE TESTING RIG

A complete testing rig specifically designed for high pressure testing in HVAC/R systems using R410A.

- Designed for testing refrigeration systems that use R410A (in accordance with BS EN 378)
- 1/4 SAE flare outlet connection to allow for rapid connection to industry standard hoses
- Safety relief valve to prevent regulator over-pressurisation
- Robust rig that is ideally suited to the rigours of daily use

Part No.	RS-750-RIG
Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Connector type	1/4" outlet flare connection



PVR NITROGEN PRESSURE AND VACUUM MANIFOLD SET

- 2-in-1 Nitrogen pressure and vacuum testing manifold
- Separate valves for pressure and vacuum testing procedures
- The PVR speeds up the process of pressure and vacuum testing
- Designed to handle high pressures involved in pressure testing R410a systems
- Both gauges on the PVR are equipped with a set point indicator to monitor for pressure or vacuum losses
- The PVR has a built in vent valve for safe de-pressurisation of systems
- A 3/8 vacuum hose adaptor is included for larger systems



Part No.	PVR SET
In the box	1 x PVR Manifold 2 x 2 m Stainless Steel braided, 1/4" connection hoses 1 x 72" Yellow vacuum hose 1 x 1/4 x 5/16 adaptor to suit R410A systems 1 x 1/4 x 3/8 vacuum hose adaptor 1 x Manifold hook for easy use, Instruction Manual Hard plastic carry case

1
YEAR
GUARANTEE

5*
SERVICE &
SUPPORT

10 BAR (OFN) NITROGEN REGULATOR

- Single stage regulators
- Built to the latest BS EN ISO 2503 standards to provide maximum accuracy and safety
- Forge Brass Body
- Internal Safety Valve
- 63mm Dual Scale Safety Pressure Gauges
- Captive Pressure Adjusting Screw
- Max Outlet Pressure 10 Bar, SAE connection



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GUARANTEE

5*
SERVICE &
SUPPORT

Part No.	RS-150
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NITROGEN CYLINDER TROLLEY

- Heavy duty cylinder trolley for the safe transportation of 10 L Nitrogen cylinders
- Solid rubber wheels
- Security chain

Part No.	NIT02
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*Gas bottle
not included*

CO₂ SUB AND TRANS CRITICAL MANIFOLDS

- 2 or 4 valve manifolds with 80mm diameter oil filled gauges
- Sub: LP -1 to +30 Bar, HP -1 to +50 Bar
Trans: LP -1 to +80 Bar, HP -1 to +160 Bar
- Set of 3 charging lines 1m long
- Sturdy plastic carry case

Product	Type	Part No.
CO2 2 valve	Sub critical	FR1304-E20
CO2 4 valve	Sub critical	FR1308-4R-E20
CO2 2 valve	Trans critical	FR4312-E25



FR1304-E20



FR4312-E25



FR1308-4R-E20

CO₂ LIQUID / VAPOUR CHARGING RIG

A complete CO₂ trans critical testing rig. Including:

- 300 bar maximum inlet pressure
- 0-10 bar single stage two gauge CO₂ pressure regulator
- Liquid CO₂ Charging connector c/w safety burst disc assembly
- 1800mm High pressure hose c/w in-built anti-whip cable handle
- 1/4" SAE female flare outlet, for direct connection to system
- Direct connection to CO₂ refrigerant cylinder



Part No. [JAV-2000-144](#)

DIGITAL ALARM THERMOMETER

- Max/Min memory
- Stainless Steel probe 5" with 1 metre cable.
- Hold and alarm functions
- Hand size, with detachable probe
- Batteries included

Part No.	RT-905
Units	°C, °F
Temperature range	-50 ~ 200°C / -58 ~ 392°F
Power	x1 AAA (included)
Probe size	230 mm (9")
Dimensions	118 mm (4.6" x 3.3" x 3.3")



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YEAR
GUARANTEE

AC DIGITAL CLAMP METER

- Back light
- Continuity buzzer
- Data hold
- Maximum display 1999

Part No.	EM310C
DC voltage	1000V ± (1%+2)
AC voltage	750V ± (1.2%+5)
DC current	20A / 200A / 1000A
Resistance	200 / 2K ± (1%+3)
Temperature range	-40°C ~ 750°C ± (1%+3)



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GUARANTEE

THERMO-ANEMOMETER

- Min/Max
- Data hold
- Back light
- Auto power off
- Low battery indicator
- Hard case included

Part No.	EM20
Velocity range	80 fpm to 4000 fpm, 0.4m/s to 2- m/s
Velocity resolution	1 fpm (0.1 m/s)
Temperature range	14°F to 122°F (-10°C to 50°C)
Temperature resolution	0.1°F (0.1°C)
Temperature accuracy	±1.8°F (± 1.0°C)
Humidity accuracy	3% RH (5 to 95% RH)
Units	m/s, km/h, fpm, mph, kts, Beaufort Scale, °F, 2°C
Power	1.5 V AAA x 3 (included)
Dimensions	157 x 60 x 30 mm (6.2" x 2.4" x 1.2")
Weight	180 g (6.3 oz)



TEMPERATURE AND HUMIDITY METER

- Temperature, humidity & dew point
- Min/Max/Avg
- Data hold
- Back light
- Auto power off
- Low battery indicator
- Hard plastic carry case

Part No.	EM10
Temperature range	14°F to 122°F (-10°C to 50°C)
Temperature resolution	0.1°F (0.1°C)
Temperature accuracy	±1.8°F (± 1.0°C)
Humidity	0% to +100% RH
Humidity resolution	0.1% RH 0.1% RH
Humidity accuracy	3% RH (5 to 95% RH)
Units	°F / °C / %RH
Power	1.5 V AAA x 3 (included)
Dimensions	121 x 60 x 30 mm (4.8 x 2.4 x 1.2")
Weight	180 g (6.2 oz)



DUAL DIFFERENTIAL THERMOMETER

- Dual Thermocouple (J, K) inputs
- High & Low Alarms
- Data Storage
- Min/ Max/ Avg for T1 & T2
- Data Hold
- Backlit LCD
- Auto power off
- Hard plastic carry case
- Includes two (2) K-type thermocouples



Part No.	EM60
Thermocouple range	K: 328°F to 2372°F J: 328°F to 2192°F (-200°C to 1200°C) (-200°C to 1300°C)
Temperature range	(K): -328°F to 2372°F
Resolution	0.1°F (0.1°C)
Best Accuracy	K-Thermocouple ± 0.2% of Reading ± 2°F (± 0.1% of Reading ± 1.4°F) J-Thermocouple ± 0.2% of Reading 2°F (± 0.1% of Reading ± 1.4°F)
Measures	T1, T2 & T1-T2
Power	1.5 V AAA x 3 (included)
Dimensions	121 x 60 x 30 mm (4.8 x 2.4 x 1.2")
Weight	180 g (6.2 oz)

TACHOMETER

- Range: 100 rpm to 30,000 rpm
- Min / Max
- Data Hold
- Backlit LCD
- Auto power off
- Hard plastic carry case



Part No.	EM30
Temperature range	14°F to 122°F (-10°C to 50°C)
Temperature resolution	0.1°F (0.1°C)
Temperature accuracy	±1.8°F (± 1.0°C)
Humidity range	0% to 99.9% RH
Humidity accuracy	3% RH (5 to 95% RH)
Units	RPM, RPS
Power	1.5 V AAA x 3 (included)
Dimensions	121 x 60 x 30 mm (4.8" x 2.4" x 1.2")
Weight	180 g (6.2 oz)



EL33021

EL33023

EL330036

JAV-CA04218

BALL VALVES AND ADAPTORS

Product	Part No.
Ball Valve R410A 5/16", 1/4 turn	EL33023
Set of 3 Ball Valves (RBY) 1/4" SAE	EL33021
Adaptor 5/16 to 1/4 for R410A	EL330036
R1234YF Adaptor 1/4" FLM x 1/2" ACME FLH	EL33125
R1234YF coupler adapter	EL33105
10KG Cylinder Adaptor L/H R32	JAV-CA04218



EL33125

EL33105

VALVE CORE REMOVER / INSTALLER

- 1/4" & 5/16" SAE valve core remover / installer
- Vacuum connection port and isolation valve
- Hard plastic case

Part No. [EL41550](#)



ACCESS VALVES AND CORE TOOLS

Product	Part No.
Swivel access tee (1/4" x 1/4" x 1.4". Swivel with depressor)	EL34106
Valve Core Removal Tool	S-209
Schrader Valve 1/4"	SU-04
Schrader Valve 5/16" – R410A	SU-05



EL34106

S-209

SU-04

SU-05



CHARGING OIL PUMP

- The pump fits any size oil drum, bottle or container
- Charge oil directly into the system with no need to shut it down
- Pump against small positive pressure
- Pumps 1 L in 20 full strokes of pump (approx)
- Can be used with alkyl benzene, ester based, polyol ester, mineral and synthetic oils

Part No. **JAV-1076**

REFCO CAN VALVE

- Can valve connection 1/4" SAE outlet
- Suitability R600 and R290 cans

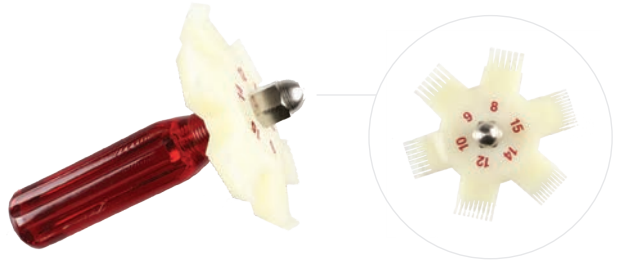
Part No. **9881202**



FIN COMB

- Fin Comb fits all sizes
- 8, 10, 12, 14 and 15 FPI

Part No. **EL70925**



55 MM INSPECTION MIRROR

- 2" (50 mm) diameter mirror
- Mirror can be angled
- Telescopic action handle for those hard to reach places

Part No. **M-2**



SOLENOID VALVE OPERATING MAGNET

Size	Part No.
15 mm	SVOM-15
18 mm	SVOM-18



R134A & R1234YF AUTOMOTIVE COUPLERS

• 1/4" SAE Hose Connection

Product	Part No.
R134A LP	EL30302
R134A HP	EL30312
R1234YF LP	EL30303
R1234YF HP	EL30313



TORQUE WRENCH KIT

- Torque 10-75 Nm
- 7 Heads – 17, 19, 22, 24, 26, 27, 29 mm
- Hard plastic carry case

Part No.	JAV-TW8
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RATCHET WRENCHES

Product	Part No.
Offset ratchet wrench	JAV-127-CO
Ratchet wrench	JAV-127-C





AX3501 TECH PAC

VETO PRO PAC® TOOL BAGS

Designed for the HVAC/R technicians' tools and working environment. The Tech Pro Pac tool bags are built to last.

- Tough plastic handles
- Heavy duty fastenings and zips
- Hinged ergonomic handles
- Large tool pockets
- Small punch & bit pockets
- Small neoprene pockets
- Waterproof base (3mm polypropylene)
- Weatherproof body fabric (1800 PVC impregnated denier fabric)
- 5 year zero downtime warranty*



ALSO IN
HI VIZ!

AX3515 TECH PAC HI VIZ

Part No.	Description	Width	Length	Height	Weight	Pockets
AX3500	Tech LC	241mm	342mm	483mm (330mm handle down)	3.2kg	53
AX3501	Tech Pac	251mm	362mm	546mm (457mm handle down)	4kg	56
AX3515	Tech Pac Hi Viz	251mm	362mm	546mm (457mm handle down)	4kg	56
AX3502	Tech Pac LT	216mm	356mm	483mm	3.3kg	27
AX3503	Tech XL	241mm	419mm	527mm	4.2kg	80
AX3506	MC	203mm	254mm	317.5mm	1.8kg	20
AX3516	Tech MC	203mm	254mm	317.5mm	1.8kg	27
AX3513	Tech-MCT	210mm	254mm	360mm	2.6kg	44
AX3514	Tech OT-MC	254 mm	292 mm	203 mm handle down	-	28
AX3509	OT-LC	241mm	343mm	305mm handle down	3.5kg	36



AX3500
TECH LC

AX3502
TECH PAC LT

AX3503
TECH XL

AX3506
MC

AX3516
TECH MC

AX3513
TECH-MCT

AX3514
TECH OT-MC

AX3509
OT-LC

*Bags supplied without tools. 5 year zero downtime warranty. Terms and conditions apply.



VETO PRO PAC® UTILITY POUCHES

Small yet spacious, these clip-on bags are designed to hold a small selection of meters, analysers and repair tools.

- Organise multiple job specific bags
- Heavy duty fastenings and clips
- Detachable rubber handles
- Nylon plastic connection clips
- Various size Tool pockets
- Clips onto any model Veto tool bag's tape clip or D-Rings
- Weatherproof body fabric (600-1200 PVC impregnated denier fabric)
- 5 year zero downtime warranty*

AX3505 TP4

Part No.	Description	Width	Length	Height	Weight	Pocket
AX3504	TP3	121mm	140mm	241mm	0.36kg	19
AX3517	TP3B	114.3mm	177.8mm	279.4mm	0.69kg	15
AX3505	TP4	177mm	120mm	240mm	0.72kg	20
AX3507	MB Meter Tool Pouch	76mm	203mm	229mm	0.9kg	10
AX3508	MB2 Meter Tool Pouch	76mm	203mm	330mm	0.9kg	10



AX3504
TP3



AX3517
TP3B



AX3507
MB



AX3508
MB2

*Bags supplied without tools. 5 year zero downtime warranty. Terms and conditions apply.



KIT ROUND UP

A2L



From equipment, servicing to advice, JAVAC have everything you need to handle mildly flammable refrigerants efficiently and safely.



XTR-Altima A2L Spark Proof Recovery Unit

Part No. XTRC2-A2L
Full tech spec page 4

Spark proof!
Protected switches
& circuit breaker

Spark proof!
5 m hard
wired cable



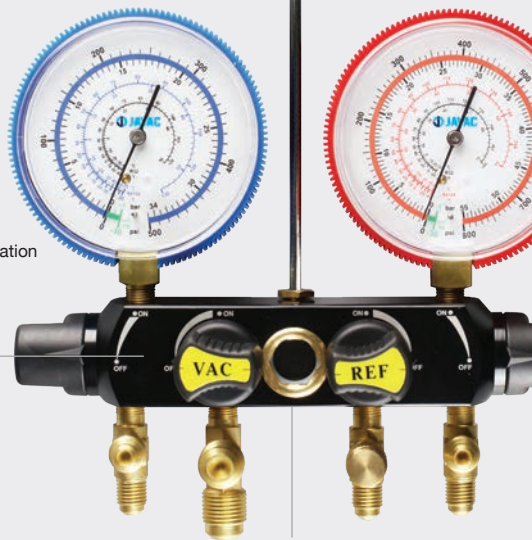
GAS-Mate® Leak Detector ATEX

Part No. 718-202-G1
Full tech spec
page 15

R410A / R32 Manifolds

Part No. EL75172
Full tech spec page 39

¼ turn control valves for fast operation
and increased refrigerant flow



Sight Glass

Bulldog A2L Spark Proof Dual Voltage Vacuum Pump

Part No. VBD1622
Full tech spec page 8

Isolation solenoid valve



Spark proof!
Integrated spark
proof power
switch, lead and
circuit breaker

R32 Bottle Adaptor 10kg

Part No. JAV-CA04218
Full tech spec page 71



Wey-TEK HD® Wireless Scale

Part No. 719-202-G1
Full tech spec page 36





KIT ROUND UP

HYDROC



Caresaver Hydrocarbon

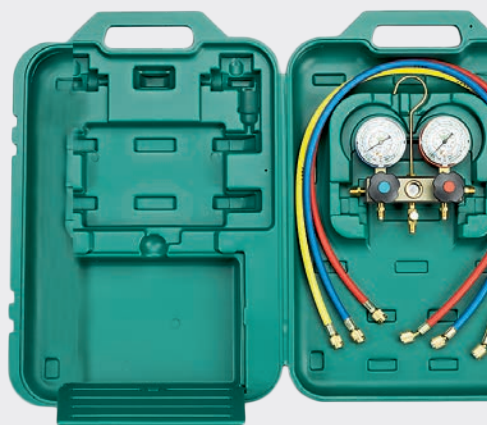
Part No.
Caresaver 240V
Caresaver 110V
Full tech spec page 7

ARBON



GAS-Mate®
Leak Detector ATEX

Part No. 718-202-G1
Full tech spec page 15



BM2-3-DS-R290/R600
Hydrocarbon Manifold

Part No. 4687382
Full tech spec page 82



KIT ROUND UP

CO₂

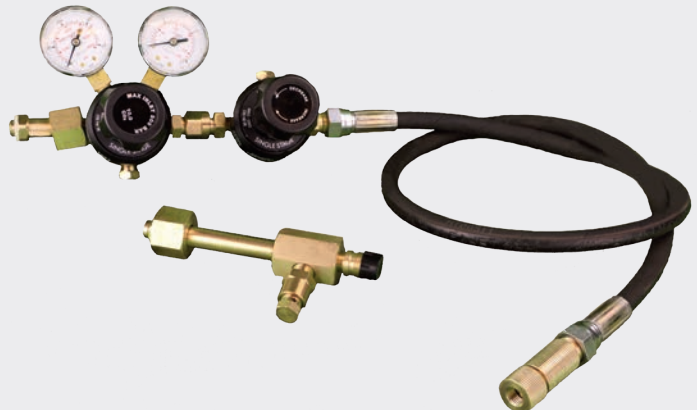


CO₂ Sub and Trans Critical Manifolds

Part No. FR4312-E25
Full tech spec page 67

CO₂ Liquid / Vapour Charging Rig

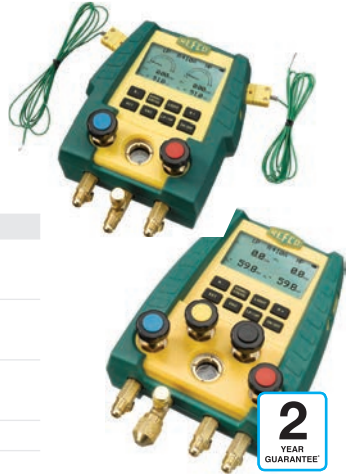
Part No. JAV-2000-144
Full tech spec page 45



DIGIMONS

SE - DIGITAL 2 VALVE & 4 VALVE DIGITAL MANIFOLDS

- All R32 ready
- Suitable for Multi Gas Refrigerants
- All 55 bar maximum allowable manifold pressure



Product	Includes	Part No.
Digimon-SE-3-Plus	3 x 60" 1/4 SAE, 2 X 60", 1/2" X 20 UNF hoses, plus temp probe & case	4686736
Digimon-SE-3-Plus-Clamp	3 x 60" 1/4 SAE, 2 X 60", 1/2" X 20 UNF hoses, plus temp probe, case & clamp	4686737
Digimon 4-3-Plus	3 x 60" 1/4 SAE, 2 X 60", 1/2" X 20 UNF hoses, plus temp probe & case	4686740
Digimon-SE-8	Manifold only 2 x temp probes, case	4686735

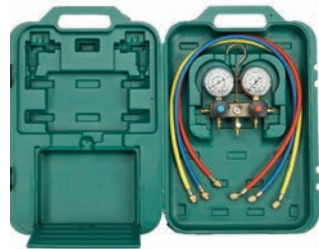


MANIFOLDS

2 VALVE MULTI-GAS MANIFOLDS

- All 30 bar Max allowable manifold pressure

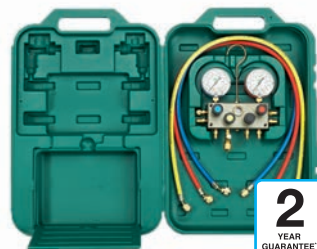
Product	Refrigerant	Part No.
SM2-8-DS-MULTI 2 Valve Manifold	R22, R404A, R407C, R134A	4508069
SM2-8-DS-R422 2 Valve Manifold	R422A, R422D, R417A	4682102
BM2-6-DS-R22 3 x 36" hoses blister pack	R22, R134A, R404A	9884898
BM2-3-DS-SUPER 2 Valve manifold kit	R22, R404A, R407C, R134A	9883537



4 VALVE MULTI-GAS MANIFOLDS

- All 30 bar Max allowable manifold pressure

Product	Refrigerant	Part No.
SM4-8-DS-MULTI 4 Valve Manifold	R22, R404A, R407C, R134A	4508077
BM4-3-DS-SUPER 4 Valve Manifold	R22, R404A, R407C, R134A	9883717





R410A MANIFOLDS

- All 54 bar Max allowable manifold pressure

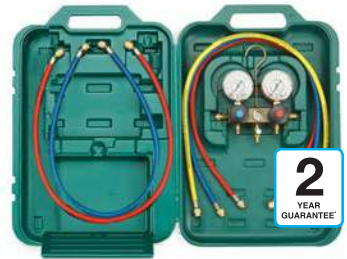
Product	Refrigerant	Includes	Part No.
BM2-3-DS-R410A 2 Valve Manifold Kit	R410A	3 x 36" Hose & Case	9884707
APEX-8-DS-R410A 2 Valve Manifold No Sight Glass	R410A		4681008



REFCO CLIM A/C MANIFOLD KITS

- All 54 bar Max allowable manifold pressure

Product	Refrigerant	Includes	Part No.
BM2-3-DS-CLIM	R22, R407C, R410A 2 Valve AC kit	5 x 36" Hoses & Case	4663506
BM2-6-DS-CLIM	R410A, R22, R407C	5 x 36" Hoses blister pack	4663298

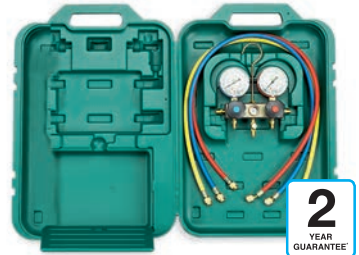


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YEAR
GUARANTEE

BM2-3-DS-R290/R600 HYDROCARBON MANIFOLD

- Hydrocarbon manifold for R290, R600A, R600
- 3 x 36" hoses (Red, Yellow, Blue)
- Hard plastic carry case

Part No. **4687382**



2
YEAR
GUARANTEE



REFCO TAP SET

- Wireless digital pressure and temperature gauge set to measure temperature and pressure from the low and high sides of AC / R systems.
- Available as one set (1 x gauge, 1 x clamp) or 2 sets (2 x gauges, 2 x clamps) or individually.
- Connect up to 6 pressure gauges and temperature clamps
- Calculates sub heating & sub cooling
- Library of over 50 refrigerants
- Display on pressure gauge and temperature clamp
- App available (IOS & Android compatible)
- Reports can be stored and emailed
- Refrigerant updates available via Micro USB connection
- Hard plastic carry case



NEW!

TAP Gauge
4687787



TAP-Clamp
4687785

Product	Part No.
TAP-Set	4687788
TAP-Double SET	4687789
TAP Gauge	4687787
TAP-Clamp	4687785
TAP Pressure Gauge	
Pressure range	Up to 60 bar (870 psi)
Accuracy	≤ 1.0 % FS
Resolution	0.07 bar / 0.1 psi
Units	bar, psi, kPa, MPa
Max. (Proof) overpressure:	60 bar (870 psi)
TAP Temperature Clamp	
Type	K-Type
Temperature range	-40°C - +125°C
Accuracy	± 1°C
Resolution	0.1°C
Units	°C/°F



HOOK ON THERMOMETER

- Scale -40 to + 40°C
- Ø 65mm

Part No.
[4503643](#)



DIAL THERMOMETER

- Universal design which can be mounted from the back or from the front. Elegant plastic construction at a very competitive price.
- Temp range: -40 to +40°

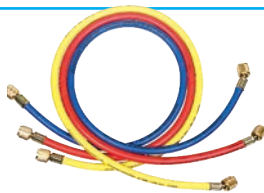
Diameter	Description	Part No.
100mm	1.5m	9881042
	3.0m	9881041
	4.5m	9881040
	7.5m	9881039
60mm	1.5m	9881046





REFCO 1/4" HOSE SETS

Product	Description	Part No.
72"	Blue, Red, Yellow	9881275
36"	Blue, Red, Yellow	9881278



REFCO 1/4" EXTENDED LENGTH SINGLE HOSES

Product	Description	Part No.
120"	Blue	9881249
	Red	9881258
	Yellow	9881267
200"	Blue	9883279
	Red	9883280
	Yellow	9883281



REFCO 1/4" SINGLE HOSES WITH BALL VALVE 72"

Product	Description	Part No.
CA-CL-72-B	Blue	4492979
CA-CL-72-R	Red	4492987
CA-CL-72-Y	Yellow	4492995



REFCO R410A HOSE SET 1/4 X 5/16"

Product	Description	Part No.
CCL-36-1/2"-20UNF	36" hose set	9884094



REFCO HEAVY DUTY VACUUM HOSE 3/8"

Product	Description	Part No.
HCL6-72-Y	Yellow 72"	9881312





REPLACEMENT GAUGES

Product	Part No.
63mm High pressure gauge R22,R134A,R404A	7462396
63mm Low pressure gauge R22,R134A,R404A	7462426
63mm High pressure gauge R410A	7456001
63mm Low pressure gauge R410A	7455896
Blank Compound Gauge for snap on series	7017432
R422 80mm Low pressure manifold gauge R422A, R422D, R417A	4682064
R422 80mm High pressure manifold gauge R422A, R422D, R417A	4682072
80mm Multi Gas Compound Gauge R22, R134A, R404A, R407C	7138754
80mm Multi Gas Pressure Gauge R22, R134A, R404A, R407C	7141265



REFCO MANIFOLD KNOBS

Product	Description	Part No.
M2-7-SET-B+R	Set of 2, red, blue	4687079
M4-7-SET-B+N+R+Y	Set of 4, red, blue, black, yellow	4687094



REFCO REPLACEMENT HOSE GASKETS

Product	Description	Part No.
P-509-T/10	Teflon gaskets pack of 10	9880871
P-510/10	O-Ring gasket for 3/8 hoses pack of 10	9880870
P-513/10	Valve hose depressors pack of 10	9880869





REF METER OCTA

- The REF METER OCTA incorporates all the excellent features of the REF METER. The most accurate and precise refrigerant charging scale available today
- Out sized platform for weighing larger refrigerant cylinders.
- Easy to read LCD display
- Lightweight sturdy aluminium body
- Programmable with built in memory
- Can be calibrated in the field
- Refrigerant tank capacity indicator
- A handy 'Auto reel cable' attaches the hand held LCD display to the scale



Part No.	4679462
Type	Digital
Weighing capacity	100 kg (220 lbs)
Units	Lbs / kg / oz
Accuracy	+/- 0.5 %
Resolution	2 g
Power	4 'AA' batteries
Battery life	30 hours continuous
Operating temperature	10 – 40°C
Weight	4.5 kg (10 lbs)
Dimensions	32 x 5 cm (12.6" x 2")
Carry case	Soft carry case



REF-VAC

Part No.	4686712
Type	Thermistor
Vacuum range	0 - 18000 microns
Units	Microns, mbar, Pa, Torr, mTorr, psi, inHG
Accuracy	+/- 10 % 0-100 microns - +/- 6 % 101-750 microns
Resolution	0-20: 0.2 microns: 21-200: 1 microns 201-500 5 microns
Connector type	Standard male 1/4 inch SAE
Operating temp range	10 – 40°C
Auto shut-off	After 10 mins - if vacuum gauge greater than 18000 microns After 30 mins - If vacuum value less than 18000 microns
Battery life	40 hours
Over pressure	Max 34 bar





HY-EX HYDRAULIC TUBE EXPANDER RANGE

- Easy, single hand operation
- Small space capable
- 120° angle
- Interchangeable heads 3/8 - 1 1/8"
- Compatible with REFCO expander systems
- Includes deburring tool RFA-209-STYLO-HD



Product	Part No.
Hydraulic Expander kit	4687047
Hydraulic Expander only	4687048
Dimensions	Length: 25cm (10") Width: 4.5cm (1.75") Height: 12cm (5")
Weight	1.2kg (2.6lbs)
Tube materials	Soft tubing only: copper, aluminium, brass

STYLO-DE-BURRER

A handy De-Burring tool with a rotating blade. Removes rough or irregular edges of pipe.



Product	Part No.
Stylo De-Burrer	9883750

CHECK VALVE

Comes with flare cap and schrader

Product	Description	Part No.
9884167	Half union 1/8" NPT x 1/4" SAE	9884167



REFCO CAN VALVE

Can valve connection 1/4 SAE outlet. Suitable for R600 and R290 cans.

Product	Part No.
Check Valve	9881202





OIL CHARGE PUMP

With this hand pump, oil can be directly pumped from the oil can into the compressor crank-case without air or moisture re-entering the refrigeration system. The compressor does not need to be evacuated thus reducing charging time by over 70%. It pumps 50ml in one pump stroke.



Product	Part No.
Oil Charge Pump	9881559

OIL CHANGE PUMP

Ideal tool to recover oil from a AC/R compressor without the compressor having to be dismantled. 100ml recovery volume per pump stroke.



Product	Part No.
Oil Change Pump	9881557

INSTALLATION LIFTER

This unique installation lifter allows you to accomplish almost all overhead mountings on your own.

The mast also features a unique guided wires system to enhance the overall height and safety.

The Zinc coated steel construction improves the overall stability and robustness without compromising the overall weight of the lifter.

The load can be lifted using variable speeds and this can be achieved easily with the electronic remote control.

The lifter is supplied in a practical carrying bag with a quick and easy set up.

The telescopic tripod legs are individually adjustable and work perfectly on uneven or sloping terrain. Ideal for mounting of indoor and outdoor systems.



Model	Part No.
LFT-230	4682888
Voltage	230 V
Max. lifting height	3m
Weight lifter	20kg
Weight platform	5kg
Load capacity	120kg
Platform	775 x 460mm
Lifter stowage	280 x 1100mm



COMBI

The Combi condensate pump is an entirely new design specifically manufactured for use in duct-free air conditioning split systems. The Combi is full of custom features that are unique to the world market. The flow range, optional configuration and universal voltage allow both installing contractors and wholesalers to stock and use a single product that fulfils all your requirements.

Part No.	3004046
Maximum flow rate	42L/hr
Maximum suction	3m (9.80ft.) self-priming
Maximum head	20m (65.60ft)
Wireless access	Remote wireless access with smartphone (optional feature)
Voltage	100 - 240 VAC 50/60 HZ autosensing universal power input
Power	12 watts during maximum operation at 110V
Alarm relay	10amps NO/NC contacts with integrated replaceable 10A glass fuse 5 x 20mm
Protection	Class II double insulation, fully potted, 1P-44
Operation temp	Ambient 3°C to 50°C (37.5°F - 122°F) water 5°C to 50°C (41°F - 122°F)



GOBI II

The all new Gobi II condensate pump has been completely redesigned retaining all the good features you like and upgrading everything else. The Gobi II has a massive flow range allowing its use from 6,000 Btu/H (1.75kW) up to 120,000 Btu/H (35 kW). Its digital water sensor, universal voltage and user configurable flow ensure it is the strongest, quietest under A/C mounted condensate pump on the market today.

Part No.	3004045
Maximum flow rate	42L/hr
Maximum suction	3m (9.80ft.) self-priming
Maximum head	20m (65.60ft)
Wireless access	Remote wireless access with smartphone (optional feature)
Voltage	100 - 240 VAC 50/60 HZ autosensing universal power input
Power	12 watts during maximum operation at 110V
Alarm relay	10amps NO/NC contacts with integrated replaceable 10A glass fuse 5 x 20mm
Protection	Class II double insulation, fully potted, 1P-44
Operation temp	Ambient 3°C to 50°C (37.5°F - 122°F) water 5°C to 50°C (41°F - 122°F)



COUGAR

The COUGAR drain pan pump is a submersible condensate removal pump designed to automatically remove condensate water from refrigerated cases, dehumidifiers, fan coils and air conditioning systems. The pump is intended to be installed within a collection tray inside the equipment

Part No.	COU.6000.0
Power supply	110/230 V, 50/60 Hz Auto sensing
Power consumption	17W max, 0.25W when idle
Alarm relay	5 A, 30 VDC, 250 VAC break on fault
Capacity	12 Litres/hour max.(3.17 US gal/h)
Ambient temp	0°C - -40°C (32°F - 104°F)
Discharge head	>20m (65ft) vertical
	>100m (328ft) horizontal 1m max. (3.28ft) suction





HEAD PRESSURE CONTROLLER

Control systems for condensate units in air conditioners and refrigeration equipment. This standard product range of control units is designed for commonly used, air-cooled condensate units in air conditioners and cooling equipment. The controller determines the speed, point in time and the duration of ventilator operation in order to achieve maximum efficiency when using the air conditioner.

- No excessive condensing of water even for external temperatures of up to -20°C
- No iced up evaporators inside buildings
- Increased efficiency through use of shorter compressor operating times
- The condensation temperature is easily adjusted
- Suitable for all refrigerants
- No sludge build-up in liquids – a longer working life of the compressor



Part No.

[HPC.0100.2](#)

INVERTER PHASE CHECK

Diagnostic instrument for problem analysis on air conditioners

The Inverter Checker Module is a diagnostic instrument for problem analysis for air conditioners. This testing device is constructed for both installation and maintenance. It shows whether the inverter and also the serial communication are functioning correctly. This allows the technician to identify simple faults and saves a lot of time used for finding a problem and removing it.

* Please note, cables must be bought separately



Model	Part No.
Inverter Phase Check	ICM.4040.0
Crocodile Clip Cable 1m	ICM.2508.0

25 PIECE 1/4" DOUBLE DRIVER SOCKET AND BIT SET

Part No. [JAV-16354](#)



25 PIECE 3/8" SQ. DR. METRIC SOCKET SET IN METAL CASE

Part No. [JAV-89667](#)



SOFT GRIP ADJUSTABLE WRENCH

Size	Part No.
150mm	JAV-24893
200mm	JAV-24894
250mm	JAV-24896
300mm	JAV-24897



VDE INSULATED SCREWDRIVER FLATHEAD

Size	Part No.
75mm x 2.5mm	JAV-69211
100mm x 3mm	JAV-69212
125mm x 5.5mm	JAV-69214
150mm x 6.5mm	JAV-69215



VDE INSULATED SCREWDRIVER POZI

Size	Part No.
60mm x No.0	JAV-69227
80mm x No.1	JAV-69228
100mm x No.2	JAV-69229



4 PIECE VDE SOFT GRIP SCREWDRIVER SET

Part No. [JAV-69233](#)





7 PIECE VDE SOFT GRIP SCREWDRIVER SET

Part No. [JAV-88608](#)



VDE SLIMLINE LONG NOSE PLIERS 200MM

Part No. [JAV-50247](#)



VDE COMBINATION PLIERS 200MM

Part No. [JAV-50243](#)



VDE DIAGONAL SIDE CUTTERS 180MM

Part No. [JAV-50250](#)



VDE WATERPUMP PLIERS 250MM

Part No. [JAV-50293](#)



10 PIECE IMPERIAL ALLEN KEY SET

Part No. [JAV-33688](#)



10 PIECE METRIC ALLEN KEY SET

Part No. [JAV-33687](#)



RETRACTABLE TRIMMING KNIFE

Part No. [JAV-02890](#)



SPIRIT LEVEL 900MM

Part No. [JAV-13397](#)



SPIRIT LEVEL 300MM

Part No. [JAV-13382](#)



TAPE MEASURE 3M/10FT

Part No. [JAV-75298](#)



LADDER CAR ROOF CLAMPS

Part No. [JAV-24807](#)



RIVET GUN WITH RIVETS

Part No. [JAV-27847](#)



4 WAY CRIMPING TOOL 215MM

Part No. [JAV-13657](#)



RATCHET CRIMPING TOOL 220MM

Part No. [JAV-35574](#)



PACK OF 2 3.5M X 25MM RATCHET TIE DOWN STRAPS

Part No. [JAV-60964](#)





PISTOL GRIP JUNIOR HACKSAW

Part No. [JAV-12607](#)



HACKSAW FRAME 250MM-300MM

Part No. [JAV-68411](#)



HACKSAW BLADES PACK OF 5 (FITS JAV-68411)

Part No. [JAV-68414](#)



JUNIOR HACKSAW BLADES PACK OF 10 (FITS ALL JUNIOR HACKSAWS)

Part No. [JAV-11237](#)



16OZ CLAW HAMMER WITH STEEL SHAFT

Part No. [JAV-67657](#)



SITE TOOLS

ALUMINIUM TORCH

Aluminium case with on/off button. The LED produces a clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Ideal for use with all industry sight glasses..

Part No. [JAV-81109](#)



25M 230V FOUR SOCKET INDUSTRIAL CABLE REEL

Industrial quality with a four socket plate combined with a sturdy metal frame with easy wind handle. Fitted with thermal cut out switch and the 25M cable reel has 1.25mm² cable. The Maximum load is 13A when fully unwound and is fitted with an approved plug. If the extension cable is used fully wound then the maximum load is reduced.

Part No. **JAV-26342**



25M 16A 110V INDUSTRIAL CABLE REEL

Industrial quality with a four socket plate combined with a sturdy metal frame. Complies with BSEN61242, EN60309 and BS50525. BS harmonised cable diameter 1.5mm² with a maximum load of 16A/1760W when fully unwound. Fitted with a non-rewireable plug. Double socket plate. If the extension cable is used fully wound then the maximum load is reduced.

Part No. **JAV-71829**



3.3KVA 230V TO 110V PORTABLE SITE TRANSFORMER

Complies to EN61000, EN61558 and IP44. Built with a tough corrosion resistant case and fitted with thermal overload protection and two 16A sockets with full copper windings. These site transformers are ideal for use with all 110V power tools and Javac Recovery Units and Vacuum pumps. Fitted with 2M (approx.) cable and approved plug. No. of 16A sockets two.

Part No. **JAV-31264**



WET/DRY SS 30L VACUUM CLEANER 240V

30L 1400W 230V Wet and Dry Vacuum Cleaner. Robust model with stainless steel tank. The 30L tank is designed to pick up wet and dry materials. Ideally suited for use in Cabinet drains and condensate trays and general cleaning. Fitted with blower function and 4M (approx.) cable and approved plug.

- Foam filter
- Paper dust bag
- 2M flexible hose with hand grip and air control
- Two extension tubes 480mm long
- Wet and Dry floor attachment
- Crevice nozzle
- Upholstery attachment. All accessories are 35mm diameter.

Part No.	JAV-53006
Max. vacuum pressure	20 KPa (200 mbar)
Max. air flow	40 L/sec
Tank volume	30 L
Dimensions	630 mm (24.8") (inc. castors) with 340 x 340 mm (13.3" x 13.3") base
Weight	9.3 kg (20.5 lbs)



Spares available on request.



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