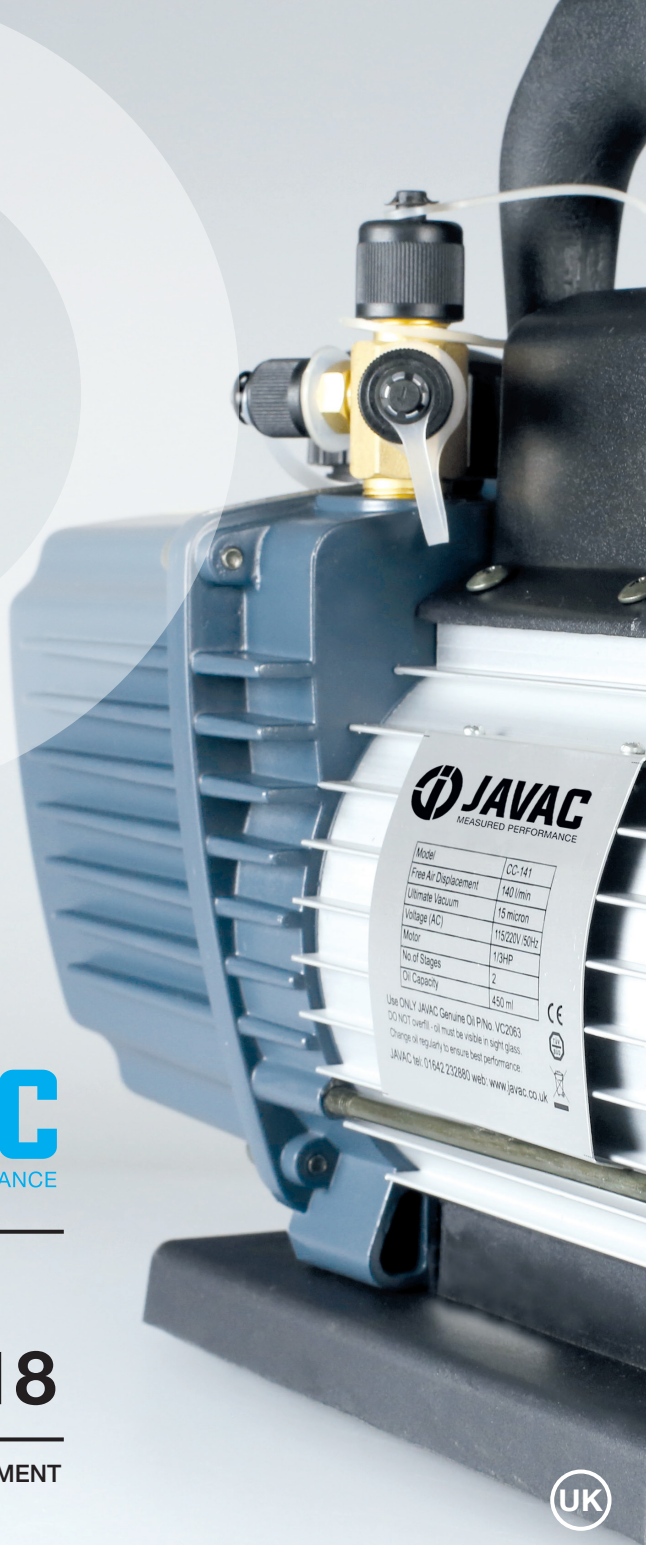




PRODUCT GUIDE 2018

RECOVERY AND VACUUM EQUIPMENT
FOR THE HVAC/R INDUSTRY





ABOUT JAVAC

JAVAC is a UK based family run company which has been supplying tools to the HVAC/R industry since in 1964.

Today JAVAC has long established itself as one of the UK's leading manufacturing specialists in vacuum and refrigeration products, recognised for product excellence and service.

OUR JAVAC BRANDS



JAVAC is our core range of quality precision HVAC/R tools that are made to do their job, trustworthy and built last.



With all the reliability and quality of our core range, JAVAC Edge products are designed to make the job that little bit easier. Packed with extra features and robustness these tools literally have the 'Edge'.



Refrigerant Recovery	6-8
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SERVICE & SUPPORT



JAVAC's inhouse repair, maintenance & calibration service offers expert diagnosis and speedy return of your valuable kit.



JAVAC 5★ SERVICE & SUPPORT

Regularly maintaining your vacuum and refrigeration equipment brings longer life and reliability for our trusted HVAC/R equipment. We offer full servicing on all JAVAC products and many other brands of equipment. Our Service Technicians are also available to answer any questions. Our service covers:

PRESSURE CALIBRATION

Calibration of pressure gauges, comparison to traceable UKAS Standards. Maximum pressure 50 Bar. Including certificate.

LEAK DETECTOR CERTIFICATION

Will be tested to conform to F-Gas regulations including certificate.

VACUUM CALIBRATION

Calibration of vacuum gauges, comparison to traceable UKAS Standards. Maximum vacuum 1×10^{-3} Mbar, Including certificate.

SCALE CALIBRATION

Calibration of scale platforms, comparison to UKAS traceable weights. Including certificate.

TEMPERATURE CALIBRATION

Calibration of Thermometers to National Standards including Certificate. (Available on Request)

HOW DO I SEND GOODS TO JAVAC FOR REPAIR, MAINTENANCE OR CALIBRATION?

Goods can be sent to JAVAC using the following repair/inspection product codes. You place an order and once Javac have tested the goods, JAVAC will come back to you with a quote for repair. The inspection charge will be waived if you go ahead with the repair or replace the equipment if we can't repair.

Recovery Units: 688470

Leak Detectors: 690699

Vacuum Pumps: 688531

All other items: 693148

(Scales, Manifolds & Gauges)



UL listed ignition protected switches & circuit breaker

Spark proof – 5m hard wired 240V lead

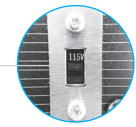
XTR-ALTIMA A2L SPARK PROOF RECOVERY UNIT

- Suitable for R32, R1234YF plus all standard refrigerants
- Fast recovery rates, twin head compressor
- Spark proof - 5m hard wired 240V lead
- UL listed ignition protected switches & circuit breaker
- High torque AC motor



Part No.	XTRC2-A2L
Suitability	R32, R1234YF, I standard refrigerants

SPECIFICATION	
Push/Pull (kg/hr)	660
Vapour (kg/hr)	30
Liquid (kg/hr)	216
Power supply	240V
Motor size	3/4 HP
HP cut out	500 psi (35 bar)
Compressor	V-Twin with electronic starter
Weight	16 kg (35 lbs)
Dimensions	420 x 290 x 420 mm (165" x 114" 165")



Dual Voltage
110V / 240 V

XTR-PRO DV DUAL VOLTAGE RECOVERY UNIT

- Dual Voltage – switch easily to 110V* or 240V
- Integrated circuit breaker protection
- X-Connect technology protects against incorrect voltage



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

* 110V lead not included, available as optional extra.
Part No. 110V-1EC



SPECIFICATION	
Push/Pull (kg/hr)	300
Vapour (kg/hr)	15
Liquid (kg/hr)	90
Power supply	110 V* or 240 V
Motor size	1/2 HP AC
HP cut out	500 psi (35 bar)
Compressor	Oil-less
Weight	12 kg (26.4 lbs)
Dimensions	420 x 290 x 420 mm (165" x 114" 165")


**FAST
& LIGHT-
WEIGHT!**
1
 YEAR
 GUARANTEE

5*
 SERVICE &
 SUPPORT

XTR-ULTRA 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	240V
Motor size	3/4 HP
HP cut out	550 psi (38 bar)
Compressor	Oil less
Weight	8.4 kg (18.5 lbs)
Dimension	320 x 220 x 260 mm (126" x 87" x 102")

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



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 (46.2 lbs)
Dimensions	470 x 235 x 335 mm (185" x 92.5" x 132")

Model / Part No.	CARESAVER110V CARESAVER-240V
Suitability	Hydrocarbon

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 YEAR
 GUARANTEE

5*
 SERVICE &
 SUPPORT

**SPARK
PROOF!**
R32 READY

 Two stage
oil sealed
vacuum pump


Spark proof!

- UL listed ignition protected switches & circuit breaker
- 5m hard wired 240V lead

BULLDOG A2L (CC-SERIES) SPARK PROOF VACUUM PUMP

- Spark proof design
- Two stage oil sealed vacuum pump
- Isolation solenoid valve
- Dual-oil demister to prevent mist & smoke
- UL listed ignition protected switches
- Spark proof - 5m hard wired 240V lead

Part No.	VBD1622
Suitability	All standard & A2L

1
 YEAR
 GUARANTEE

5*
 SERVICE &
 SUPPORT

SPECIFICATION

Stage	Double
CFM	5.5
Ultimate vacuum	1.5 microns
Free air displacement (CFM, l/min)	5.5 / 156
Power supply	240 V 50Hz
Motor size	2880 rpm
Power cord	Glanded
Oil capacity (ml)	450
Intake fittings	1/4" kg SAE 3/8" SAE
Weight	12.5 kg (27.5 lbs)
Dimensions	338 x 212 x 238 mm (133" x 83" x 94")



CC-21, CC-31, CC-141, CC-231 (CC-SERIES) DUAL VOLTAGE VACUUM PUMPS



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

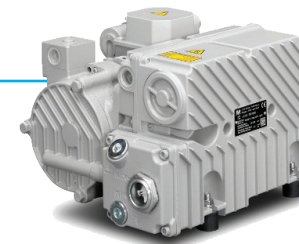
SPECIFICATION

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	240V 50Hz	Dual voltage 110/240V 50Hz				
Motor size HP	1/4		1/3		2/3	
Power cord connection to pump	Glanded	IEC	IEC	IEC	IEC	IEC
Oil capacity (ml)	140	350	450	450	610	610
Intake fittings	1/4	1/4 SAE, 3/8 SAE and 1/2 ACME				
Weight kg/lbs	4.5 / 10	9.8 /21.6	12 / 26.5		15.5 / 34	
Dimensions	347 x 137 x 194mm (137x54x76")	330 x 135 x 255mm (130x53x100")	350 x 135 x 255 mm (138x53x100")		380 x 160 x 285 mm (150x63x112)	

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	1/2"G or 3/8 flare
Weight	25 kg (55 lbs)
Dimensions	356 x 280 x 212 mm (140" x 110" x 83")

*110 V available upon request

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	HV68/1
JAVAC Vacuum Pump Oil 4 L	HV68/4



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
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DIGITAL VACUUM GAUGE

- Patented vacuum gauge technology
- Automatic oil sensor
- Calibration self-test and field calibratable

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YEAR
GUARANTEE

Part No. **JAV-1041**

SPECIFICATION

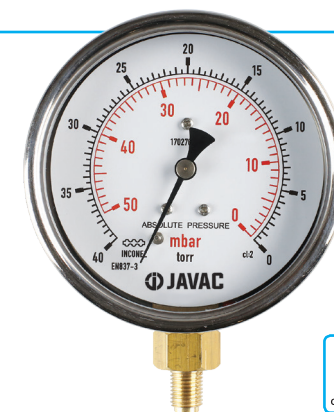
Range	0 - 25,000 Microns (3330 Pa, 33.30 mBar, 25 mmHg)
Accuracy	± (5% of Reading + 5 Microns)
Resolution	1 Micron (0.1 Pa, 0.001 mBar, 0.001 mmHg)
Units	Microns, Pa, mBar, mmHg, Torr
Warm-up Time	Instant

Response Time	Instant
Power	Two 'AAA' Alkaline Batteries - Up to 100 hours
Operating temperature	10°F (-12°C - 50°C)
Maximum Overpressure	500 PSI (34.5 Bar)
Dimensions	110 mm x 33 mm x 25 mm (4.3" x 1.3" x 1")
Weight	77 g (2.7 ounce) including batteries

VACUUM 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")



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YEAR
GUARANTEE

DIGITAL VACUUM GAUGE

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

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



1
YEAR
GUARANTEE

5*
SERVICE & SUPPORT

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-G1
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	Detector, 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	705-020-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/y (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	12 V
Battery life	6.5 hours
Display	Visual LED
Weight	540 g (19 oz)
In the box	Sensor, 2 D-size alkaline batteries, spare filters, hard carrying case



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

- 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

Product	Part No.
Gas mate	718-202-G1
Sensitivity	5ppm methane
Sensor technology	Surface reaction
Power	12 V
Battery life	6.5 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	800 hours infrared cell life
Display	LCD back lit display
Weight	700 g (25 oz)



SUPER SEAL ADVANCED SEALANT

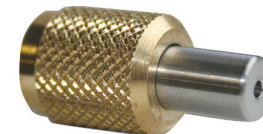
- Eliminates moisture - up to 20 drops of water from your ACR system
- Boosts sealant performance
- Increases drier efficiency
- Prevents acid build-up, corrosion and waxing
- Quickly and easily repairs AC&R micro leaks
- Ideal for hard to find persistent single or multiple leaks
- Compatible with all oils and refrigerants
- Ideal for older systems awaiting replacement
- Contaminant free - vacuum can contains no butane or propane



Product	System size	Part No.
Super Seal (Small System)	> 1.5 tons	AC2947A
Super Seal (Medium System)	1.5-5 tons	AC2944A
Super Seal (Large System)	5+ tons	AC2948A

LEAK ELEMENT R134A

- 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	R134A

TEK CHECK REFERENCE LEAK

- Verifies the functionality of your leak detector
- R134A reference leak
- 50 g of refrigerant
- 5-9 g/year
- Easy to store



Part No.	703-080-G10
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WEY-TEK HD WIRELESS SCALE



- The world's first and most advanced Bluetooth enabled refrigerant scale
- This large wireless platform communicates and displays data through your smartphone (optional hand piece available - see below)
- 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 app's '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	
Carry case	Hard plastic carry case



WEY-TEK HD WIRELESS HAND PIECE



- Bluetooth Hand piece to suit the Wey- TEK HD 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

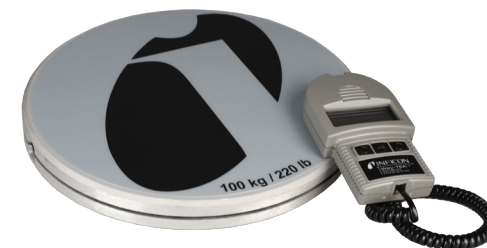
Part No. **719-715-G1**



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

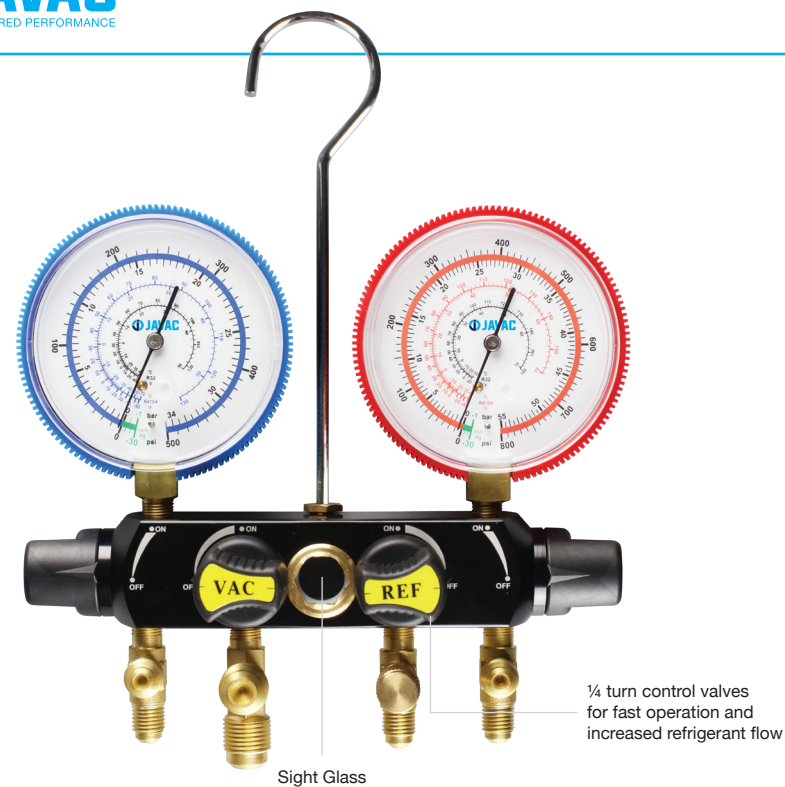




PROCHARGE 100 REFRIGERANT CHARGING SCALE

The Procharge 100 digital refrigerant charging scale is a welcome addition to JAVAC's range of refrigerant service tools. An upgrade on the current best selling Procharge unit.

Part No.	G58610
Type	Digital
Weighing capacity	100 kg (220 lbs)
Accuracy	+/- 0.5%
Resolution	5 g
Power	9 V battery
Battery life	30 hours
Operating temperature	10 – 40°C
Weight (kg)	2.5 kg (5.5 lbs)
Dimensions	25 x 25 cm (10" x 10")
Carry case	Hard plastic carry case



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 80mm 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.



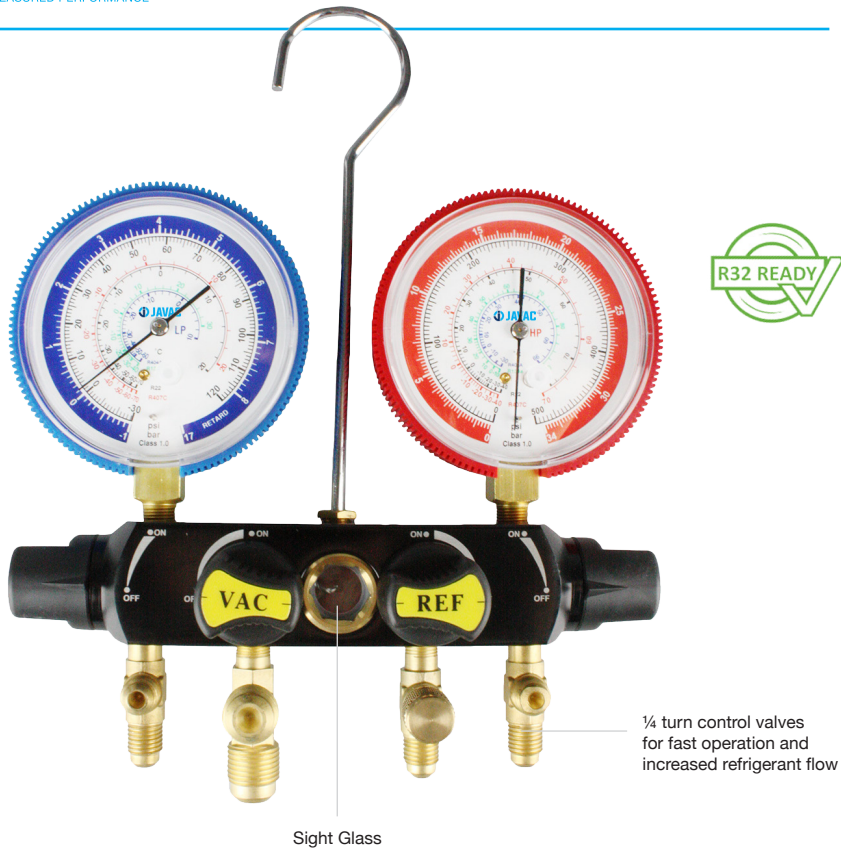
- 1/4 turn control valves for fast operation and increased refrigerant flow (EL75172, EL84372 & EL86372, EL75700)
- Piston style valves to ensure perfect sealing (EL64372, EL66300, EL66372, EL74300, EL74400, EL74400)
- Forged aluminium body – durable and lightweight
- Complete with 3 x 72" Continental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



R410A / R32 MANIFOLDS

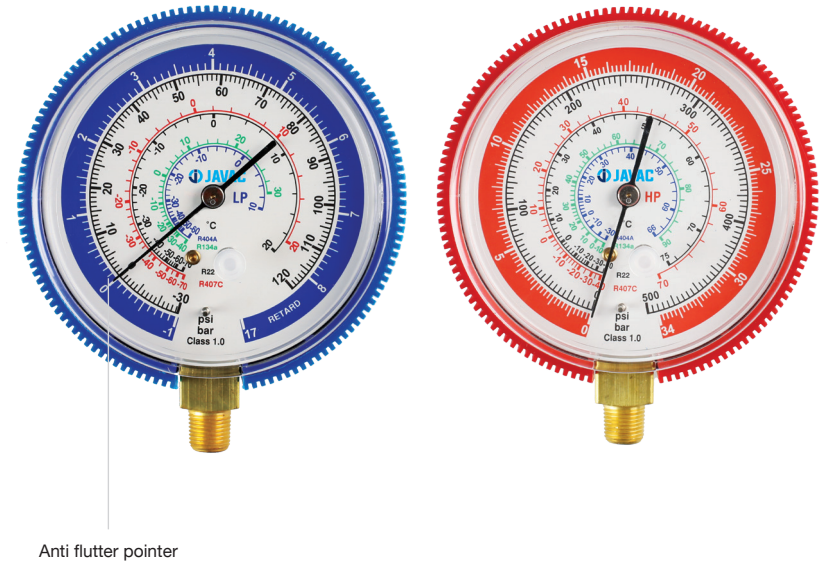
Product	Part No.
4 Valve, R410A / R32 inc. hoses and case, sight glass	EL75172
2 Valve, R410A / R32 inc. hoses and case, sight glass	EL86372
2 Valve, R410A / R32 inc. hoses and case, no sight glass	EL66372
4 Valve, R410A / R32 - manifold only, sight glass	EL75700
2 Valve, R410A / R32 - manifold only, sight glass	EL74400
2 Valve, R410A / R32 - manifold only, no sight glass	EL66300





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

Product	Part No.
4 Valve, Multi Gas inc. hoses and case, sight glass	EL75372
2 Valve, Multi Gas inc. hoses and case, sight glass	EL84372
2 Valve, Multi Gas inc. hoses, no sight glass	EL64372
4 Valve, Multi Gas - manifold only, sight glass	EL75300
2 Valve, Multi Gas - manifold only, sight glass	EL74300



80MM HP / LP PRESSURE GAUGES

- Anti-flutter pointer
- Class 1 (1% accuracy)
- Heavy-duty Bourdon tube mechanism construction
- Tutti internal pieces are made of brass - no plastic
- BAR & PSI

Accuracy	Class 1.0
Connection	Standard 1/8" NPT
Diameter	80 mm / 3 1/4" OD



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

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.	30"	300404
12"	120404	36"	360404
15"	150404	48"	480404
18"	180404	60"	600404
24"	240404	78"	780404



EVACUATION AND CHARGING HOSE 3/8"

- Includes ball valve
- Can be used to increase flow when vacuuming a system
- Can be used to increase flow when charging refrigerant - holds positive pressure of 4000psi
- 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

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

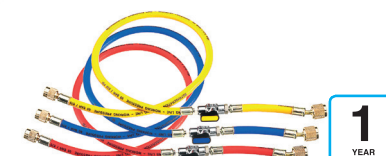
Product	Length " cm	Part No.		
		Blue	Red	Yellow
CL-6	6" 15 cm	9881256	9881265	9881274
CL-12	12" 30 cm	9881255	9881264	9881273
CL-24	24" 60 cm	9881254	9881263	9881272
CL-36	36" 90 cm	9881253	9881262	9881271
CL-48	48" 120 cm	9881252	9881261	9881270
CL-60	60" 150 cm	9881251	9881260	9881269
CL-72	72" 180 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



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

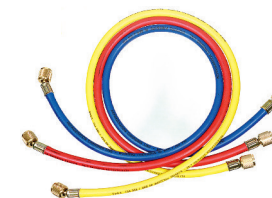
Product	Fitting	Part No.
CCL-60-1/2"- 20 UNF	1/4 x 5/16"	9884095
CCL-60-CA-1/2"-20 UNF	Ball valve set back 1/4 x 5/16"	4666522
CA-CCL-60"-1/2-20 UNF	Standard Ball Valve 1/4 x 5/16"	4682519



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



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

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

- One tool is all you need to bend 6, 8, 10mm O.D. Tubing

Size OD	Part No.
90°	JTB-368
180°	JTB-666


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 YEAR
 GUARANTEE

TUBE BENDERS

- Robust lever type tube bender

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


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 YEAR
 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**

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 YEAR
 GUARANTEE

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 1/8" - 1 - 1/8" tube cutter
- Hard plastic carry case

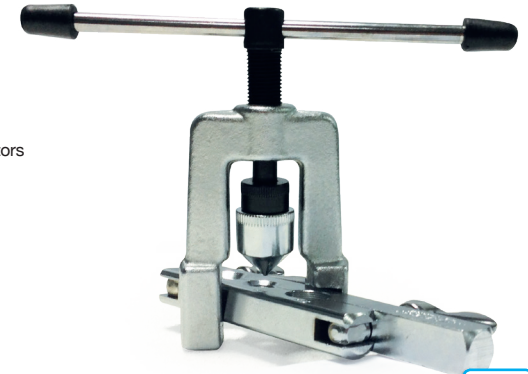
 Part No. **JAV-404L**

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 YEAR
 GUARANTEE

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-275K**



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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
- 1/8-3/4" Eccentric Flaring Kit
- Hard plastic carry case

Part No. **JAV-806B**



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GUARANTEE

SPRING TUBE BENDER

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



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GUARANTEE

STYLO DE-BURRING TOOL

Part No. **9881202**



TUBE CUTTERS

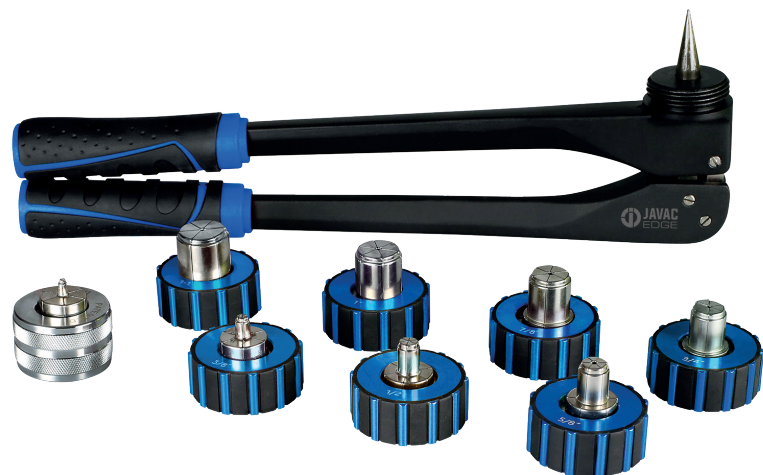
- Strong titanium blade
- Cuts soft and hard drawn copper easily
- Integrated copper tube reamer
- Robust solid steel construction and smooth turn bearing rollers
- Large easy turn hand wheel

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

Includes inbuilt de-burring tool and spare cutting wheel!

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GUARANTEE





TUBE EXPANDER SET – MULTI SIZE

8 x expander heads included:
1 x 1/4", 1 x 3/8", 1 x 1/2", 1 x 5/8",
1 x 3/4", 1 x 7/8", 1 x 1", 1 x 1 - 1/8"

Part No. **JAV-1025**



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EXPANDER HEADS

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



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GUARANTEE



TUBE BENDER SET – MULTI SIZE

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

Part No. **JAV-1021**



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TUBE BENDERS

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



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GUARANTEE

TUBE STRAIGHTENING TOOL

- Accurately straightens light wall tube from coil
- Easy to use - simply pull pipe through centre of tool
- Straighten copper, brass, aluminium, stainless steel, steel tubing and semi flexible coaxial cable

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



N.B. Copper tube not included

2 IN 1 FLARING & SWAGING TOOL

6 x sizes:
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-1023



ECCENTRIC FLARING TOOL

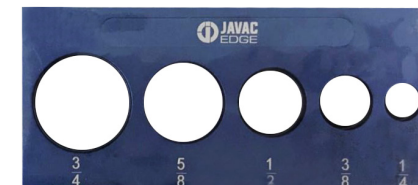
7 x sizes: 1 x 3/16", 1 x 1/4", 1 x 5/16", 1 x 3/8", 1 x 1/2", 1 x 5/8", 1 x 3/4"

Part No. JAV-1024



FLARE SIZE GAUGE

Part No. JAV-1022





JAVAC OXY-ACETYLENE BRAZING & WELDING TOOL KIT

Description	Part No.
Complete Toolkit	F23220001

Toolkit contains:

- 1 x Oxygen regulator
- 1 x Acetylene regulator
- 1 x brazing torch and mixer
- 1 x pair of 5m hoses
- 1 x flip up brazing goggles
- 3 x L/WT nozzles (assorted sizes)
- 1 x pistol grip spark lighter
- 1 x cylinder spanner
- 1 x nozzle cleaning set
- 1 x pair of flashback arrestors



0783640



0783650



50920



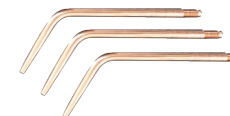
50921



81025



841065
849065



62407 / 62410 / 62413



9430830-1PC



17007220



9431290



9430860

Compatible with
BRAZE-A-GAS®

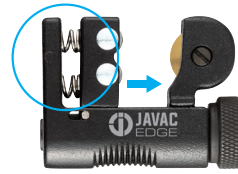
www.javac.co.uk sales@javac.co.uk t: 01642 232880



TUBE CUTTERS

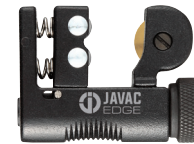
All our JAVAC EDGE tube cutters feature:

- 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.



JAV-1009

PATENTED SMART SPRING DESIGN.



JAV-1010



JAV-1011



JAV-1012



JAV-1013



JAV-1014

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YEAR
GUARANTEE

REPLACEMENT BLADES

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



www.javac.co.uk sales@javac.co.uk t: 01642 232880

BRAZING & WELDING EQUIPMENT SEPARATES

SINGLE STAGE OXYGEN AND 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	8122
Mixer	81025



L/WT NOZZLES

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



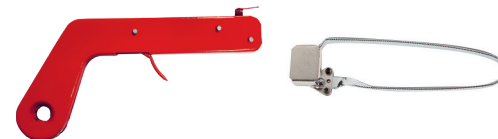
5 & 10 METER HOSES FOR OXYGEN AND ACETYLENE

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 AND ACETYLENE BOTTLE TROLLEY

Part No.	9431380
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CYLINDER BOTTLE SPANNER

Part No.	9431380
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NOZZLE CLEANING KIT

Part No.	9430860
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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
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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

Part No. **JAV-1004**



800 - 1300°C



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GUARANTEE

FUSION DUAL BRAZING TORCH

- Full stainless steel nozzle
- Manual ignition
- Variable flame control
- Double barrel
- For use with MAPP and Propane gas
- Double barrel dramatically reduces brazing time

Part No. **FD2**



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YEAR
GUARANTEE

OLYMPUS BRAZING & SOLDERING TORCH

- Upgraded with full stainless steel nozzle!
- Auto ignition
- Variable flame control
- 360° swivel tip
- For use with MAPP and Propane gas

Part No. **OLY2**



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GUARANTEE

HEAT SHIELD – HEAT BLOCKING COMPOUND

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

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

Description	Part No.
EN	JAV-1001



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	2000-Flex
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

Description	Part No.
EN	RS-750
Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Operating pressure range	0 - 70 bar (0 - 1000 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



Description	Part No.
EN	RS-750-RIG
Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Operating pressure range	0 - 70 bar (0 - 1000 psi)
Connector type	1/4" outlet flare connection



NITROGEN REGULATOR 10 BAR (OFN)

- 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

Part No. **RS-150**



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

- x1 PVR Manifold
- x2 2 m Stainless Steel braided, 1/4 connection hoses
- x1 72" Yellow vacuum hose
- x1 1/4 x 5/16 adaptor to suit R410a systems
- x1 1/4 x 3/8 vacuum hose adaptor
- x1 Manifold hook for easy use,
- Instruction Manual
- Hard plastic carry case



NITROGEN CYLINDER TROLLEY

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

Part No. **NIT02**

Gas bottle not included



DIGITAL ALARM THERMOMETER

- Max/Min memory
- Stainless Steel probe 5" with 1 meter 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

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)



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)



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
Velocity range	80 fpm to 4000 fpm 0.4m/s to 2- 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	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)
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)



R32 BOTTLE ADAPTER

Product	Part No.
10KG Cylinder Adaptor L/H R32	JAV-CA04218



ACCESS VALVES AND CORE TOOLS

Product	Part No.
Valve Core Removal Tool	S-209
Schrader Valve 1/4"	SU-04
Schrader Valve 5/16" - R410A	SU-05



S-209



SU-04



SU-05

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	EL30036
R1234YF Adaptor 1/4" FLM x 1/2" ACME FLH	EL33125
R1234YF coupler adapter	EL33105



EL33021



EL33023



EL30036



EL33125

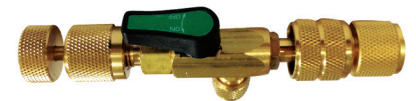


EL33105

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
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MANIFOLD VALE SERVICE KIT

Part No.	EL800-EP
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55 MM INSPECTION MIRROR

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

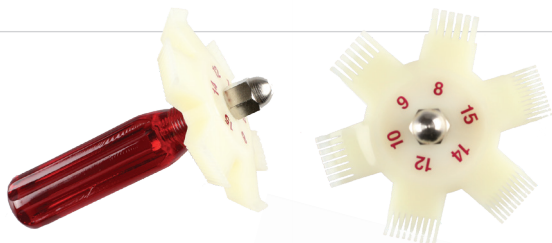
Part No. **M-2**



FIN COMB

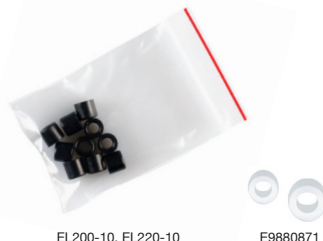
- Fin Comb fits all sizes
- 8, 10, 12, 14 and 15 FPI

Part No. **EL70925**



HOSE RUBBER 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 Rubber Gaskets	10	9880871



EL200-10, EL220-10 E9880871

TORQUE WRENCH KIT

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



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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; HP -1 - 50 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



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GUARANTEE

5★
SERVICE &
SUPPORT

CO₂ TRANS CRITICAL RIG

- A complete CO₂ trans critical testing rig. Includes:
- 2 Valve manifold with 80mm diameter oil filled gauges (LP -1 - 80 Bar; HP -1 - 160 Bar)
 - Set of 3 charging lines 1m long
 - 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



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GUARANTEE

5★
SERVICE &
SUPPORT

Part No. **JAV-2000-144**



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. XTRC-A2L
Full tech spec page 4

UL listed ignition protected switches & circuit breaker

Spark proof –
5m hard wired 240V lead

Flexible PTFE lining
surrounded by a braided
stainless steel wire

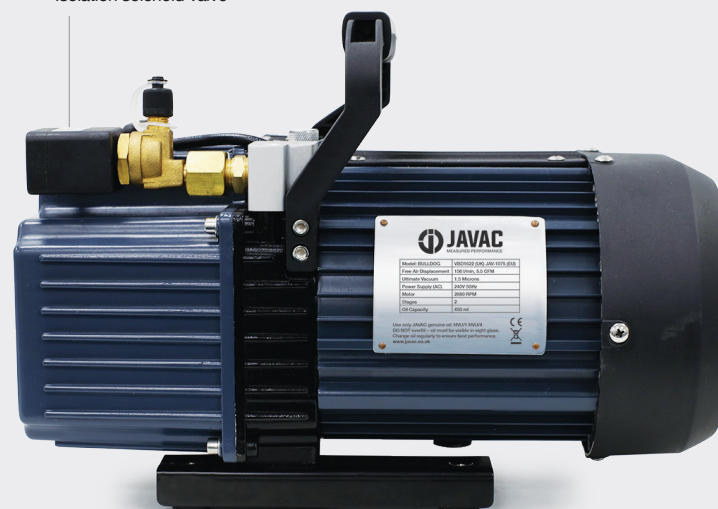
Maximum working
pressure of 260 bar
Up to +260 °C



Bulldog A2L Spark Proof Vacuum Pump

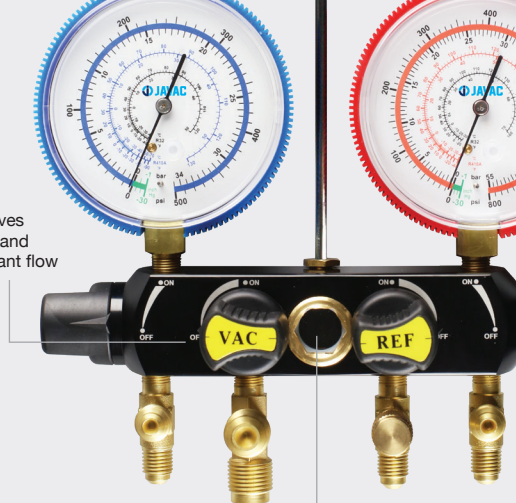
Part No. VBD1622
Full tech spec page 4

Isolation solenoid valve



UL listed ignition protected
switches & circuit breaker

Spark proof –
5m hard wired 240V lead



Sight Glass

R410A / R32 Manifolds

Part No. Miscellaneous
Full tech spec page 19

Supahose Stainless Steel Refrigerant Hoses

Part No. Miscellaneous
Full tech spec page 22



R32 Bottle Adaptor 10kg

Part No. JAV-CA04218
Full tech spec page 46

sales@javac.co.uk
javac.co.uk

JAVAC UK
Unit 6, Drake Court
Britannia Park, Middlesbrough
TS2 1RS, United Kingdom

Ph: +44 1642 232880
Fax: +44 1642 232870

