



HVAC/R Tools & Equipment Product Guide 2024





**ASPEN
PUMPS
GROUP**

Aspen Pumps Group is unique in its global reach, trading in over 100 countries worldwide.

However, Aspen is not purely an export business; it is a multi-national organisation with sales teams across the world with offices in 4 continents. Our continuous investment in people and warehouse infrastructure means we are a leader in the provision of service, quality and customer support. This approach to business means we have the most extensive and well supported wholesaler partnership network in the world.

The Aspen Pumps Group takes pride in its business performance, celebrating success in its core capabilities of Enterprise, Innovation and International Trade through winning Queen's Awards for each (2009, 2014, 2019).

Aspen Pumps Group – a global award winning business.

Ropemakers, Hailsham UK:

Our new 33,500sq ft warehouse ready to house our ever expanding portfolio of products. Just one of our many warehouses across the globe designed to give you the best in customer service.

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Key

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



The JAVAC brands have a proud heritage of supplying quality and premium tools to the HVAC/R industry. The devil is in the detail and for over 50 years the JAVAC brand has stood for reliability and service – making JAVAC, and JAVAC Edge, one of the UK's most trusted names in HVAC/R service equipment. As part of the Aspen Pumps Group, our focus is on products which make the installer's life easier.



Photo credit: Top left clockwise: @godfreylappage, @hvac_spark, @temp_technical, @temp_technical, @hvac_spark

Information correct at time of going to press.



XTR-Altima A2L

SPARK PROOF REFRIGERANT RECOVERY UNIT



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

Description	Part No.
XTR-Altima A2L	XTRC2-A2L

Suitability	R32, R1234YF, HFC/HCFC/CFC/A2L, Standard
Push/Pull (kg/hr)	660
Vapour (kg/hr)	30
Liquid (kg/hr)	216
Power supply	230 V
Motor size	3/4 HP
HP cut out	500 psi (35 bar)
Compressor	V-Twin with electronic starter
Weight	16kg
Dimensions	420 x 290 x 420mm



XTR-Pro DV A2L

SPARK PROOF DUAL VOLTAGE REFRIGERANT RECOVERY UNIT



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

Description	Part No.
XTR-Pro DV A2L	JAV-1061

Suitability	R32, R1234YF, HFC/HCFC/CFC/A2L/A3, Standard
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	12kg
Dimensions	420 x 290 x 420mm

*115V cable sold separately.



XTR-Ultra A2L

REFRIGERANT RECOVERY UNIT



- Ultra lightweight – 8.4kg
- Ultra fast liquid recovery rate – 120kg/hr
- Spark proof design: 5 m hard wired cable
- Suitability A2L, HFC, HCFC & CFC

Suitability	A2L / HFC / HCFC / CFC
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	8.4kg
Dimensions	320 x 220 x 260mm

Description	Part No.
XTR-Ultra A2L Recovery Unit UK	XTR-ULTRA-A2L

Information correct at time of going to press.



HC-3 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

Suitability	R22, R134A, R404A, R407C, R410A, R413A, R417A, R502, R600A, R290, R1234YF, R32 & all CARE® blend refrigerants
Recovery (kg/hr)	32
Power supply	240 V
Motor size	145W
HP cut out	360 psi (25 bar)
Compressor	Hermetic oil-lubricated, air cooled
Weight	21kg
Dimensions	470 x 235 x 335mm

Description	Part No.
HC-3 Hydrocarbon	JAV-1032



For use on A3 please scan the QR code to read the A3 safety instructions. **DO NOT USE UNLESS FULLY QUALIFIED FOR A3.**



HC-Air Fan Ventilation Module



- The HC-Air fan module is an essential service accessory to be used when transferring hydrocarbon refrigerant and should feature in the risk assessment process
- Commutated motor
- 5 m hard wired mains lead with moulded plug
- Non sparking thermoplastic fan blade for increased performance and reduced noise level
- Mains cable storage
- Robust painted steel casework

Airflow	700 m ³ /h
Power supply	230 V 50Hz
Power Absorbed	25W
Fuse Protection	3A
Ambient temperature rating	-20°C to 55°C
Weight	6.48kg
Dimensions	300 x 220 x 380mm

Description	Part No.
HC-Airr Fan Ventilation Module	JAV-1033



For use on A3 please scan the QR code to read the A3 safety instructions. **DO NOT USE UNLESS FULLY QUALIFIED FOR A3.**

Information correct at time of going to press.



Anti-oil demister
to prevent oil-mist



Intake fittings

Bulldog A2L/A3

SPARK PROOF VACUUM PUMP



- Spark proof design: 5 m hard wired 240 V cable
- Two stage oil sealed vacuum pump
- Isolation solenoid valve
- Dual oil mist filters to prevent oil mist
- Unique tri-connector offers three hose fittings designed to cover a broad range of application capabilities

Suitability	All standard and A2L applications
Stage	Double
Ultimate vacuum	15 Microns
Free air displacement	156 l/m (5.5 CFM)
Power supply	240 V 50Hz
Motor size	2880 rpm
Power cord	5 m, Glanded
Oil capacity	450ml
Intake fittings	1/4", 5/16", 3/8" SAE
Weight	12.5kg
Dimensions	338 x 212 x 238mm

Description	Part No.
Bulldog A2L	VBD1622



For use on A3 please scan the QR code to read the A3 safety instructions. **DO NOT USE UNLESS FULLY QUALIFIED FOR A3.**

Information correct at time of going to press.



CC Series A2L/A3

SPARK PROOF VACUUM PUMPS



- High performance A2L / A3 range
- Sparkproof switches
- Hard wired 5m Lead
- Dual Voltage
- Solenoid valve
- Easy Access oil drain



For use on A3 please scan the QR code to read the A3 safety instructions. **DO NOT USE UNLESS FULLY QUALIFIED FOR A3.**

Information correct at time of going to press.



Model	CC-31 A2L	CC-141 A2L	CC-231 A2L
Part No.	CC-31 A2L	CC-141 A2L	CC-231 A2L
Suitability	All standard and A2 / A3 applications		
Stage	Double		
Ultimate vacuum	15 microns		
Free air displacement	40 l/m (1.4 CFM)	151 l/m (5.3 CFM)	251 l/m (8.9 CFM)
Power supply	Dual voltage 110/240 V 50Hz		
Motor size	1/4 HP	1/2 HP	2/3 HP
Power cord	IEC		
Oil capacity	140 ml	540 ml	620 ml
Intake fittings	1/4" SAE, 3/8" SAE and 1/2" ACME		
Weight	4.5 kg	11 kg	14.8 kg
Dimensions	265 x 105 x 220 mm	348 x 140 x 272 mm	380 x 160 x 285 mm



Torr Gauge



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

Description	Part No.
Torr Gauge	CR2-40

Accuracy	Class 2
Units	Torr, mbar
Operating pressure range	0 - 40 Torr / 50 mbar
Connector type	1/4" Flare connection
Diameter	100mm

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
- Low lacquer & carbon forming tendency ensuring cleaner systems
- Excellent corrosion resistance
- Improved sealing and mechanical efficiency
- High film strength. Minimal oil carry-over



Description	Part No.
Universal Oil 1 L	HV68/1
Universal Oil 4 L	HV68/4



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
- Auto shut-off
- Display updates every 1/2 second
- Convenient built-in hanger
- Easy to clean sensor (use isopropyl alcohol)
- Low battery indicator

Description	Part No.
Digital Vacuum Gauge	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 temp. 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)

Information correct at time of going to press.



5° bend ¼ flare female connector connects directly onto the system allowing for a more accurate reading

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 recalibration is necessary
- Instantaneous warm-up and response time
- 'Leak Rate Indicator' & 'Programmable Productivity' functions (Evacuation and Rise-Time Analysis) – saving you time by automating the work

Description	Part No.
Digital Vacuum Gauge	JAV-1041

Range	0 - 25,000 Microns (3330 Pa, 33.30 mBar, 25mmHg)
Accuracy	± (5% of Reading)
Resolution	1 Micron (0.1 Pa, 0.001)
Units	Microns, Pa, mBar, mmHg, Torr
Warm-up Time	Instant
Response Time	Instant
Power	2 X 'AAA' Alkaline Batteries.
Operating temp	-12°C - 50°C
Maximum Overpressure	500 PSI (34.5 Bar)
Dimensions	110 x 33 x 25mm
Weight	77 g including batteries



D-Tek 3[®]

REFRIGERANT GAS LEAK DETECTOR



Detects all HCFCs, HFCs, HFOs, blends (including A2Ls), ammonia & SF6.

- Ultra high sensitivity to all standard refrigerant gases, 1gm/yr.
- Compatible with optional CO2 sensor.
- Longest sensor life in the industry.

Sensitivity	1 g/year sensitivity per EN14624
Detects	All HCFCs, HFCs, HFOs, blends (inc. A2Ls), ammonia, and SF6
Operating temp.	-20°C to 50°C (-4°F to 122°F)
Power	Rechargeable Lithium Ion Battery with USB charging cable
Battery life	~10 hours
Display	LED visual and audible
In the box	1 x D-TEK 3, 1 x Infrared sensor 1 x Lithium ion rechargeable battery, 2 x Spare filters, 1 x AC wall charger

Suggested spare	Part No.
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TEK-Check [®] reference leak	703-080-G10
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.	



Description	Part No.
D-Tek 3 Leak detector	JAV-1283 (721-202-G1)

Information correct at time of going to press.



Tek-Mate

REFRIGERANT GAS LEAK DETECTOR



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

Sensitivity	CFCs, HCFCs, HFCs (inc. A2Ls) R22: 2g/yr, R410A: 5g/yr
Sensor technology	Heated diode
Operating temp.	-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	700g
In the box	Sensor, 2 D-size alkaline batteries, spare filters, hard carrying case

Suggested spares

Filter for TEK-Mate	705-600-G1
Spare sensor for TEK-Mate	703-020-G1

Description	Part No.
TEK-Mate	705-202-G21

Information correct at time of going to press.



D-Tek Stratus[®]

REFRIGERANT GAS LEAK DETECTOR



World's first hand-held cloud hunting leak detector with LCD readout. With 3 operating modes to locate leaks faster than ever: Cloud hunt; Pinpoint & Manual zero mode. Cloud hunt allows you to locate the general area of the leak, whilst Pinpoint mode gives you the precise location – 2 leak detectors in one portable unit with an easy to read LCD display

- 4-point sensitivity settings in pinpoint mode (super, high, medium & low)
- New lithium ion battery with quick charge capability and easy field replacement
- Manual zero mode allows the engineer to zero the detector to background refrigerants
- Comes with an additional extra long probe for hard to reach areas, and multiple-region charging adaptors
- Probe filter (pre installed) can be easily checked and replaced, and redesigned infrared sensor has the longest life in the industry
- Detects all CFCs, HCFCs, HFCs, and HFOs
- Designed for ergonomic comfort with rugged carrying case and comes with a two-year replacement warranty

Description	Part No.
D-TEK Stratus (inc.case)	724-202-G11
Sensitivity	0.03 oz./yr. (1 g/a)
Sensor technology	Infrared
Power	Lithium ion battery (rechargeable)
Battery life	8 hours - cloud hunting mode 10 hours - pinpoint mode
Display	Visual LED
Weight	490g
Compatible refrigerants	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50), R1234yf, CO2 (requires CO2 sensor), ammonia, SF6, and more
Typical applications	Industrial AC & refrigeration

Spares	Part No.
Car Charger, D-TEK Stratus	721-605-G1
Wall Charger, D-TEK Stratus	721-606-G1
D-TEK Select replacement probe cap	712-705-G1
Carrying Case, D-TEK Stratus	724-700-G1
Refrigerant Sensor, D-TEK Stratus (Detects CFCs, HCFCs, HFCs, HFOs, and blends (inc. A2Ls))	724-701-G1
CO2 Sensor, D-TEK Stratus	724-701-G2
Filter cartridges, set of 5	712-707-G1

Information correct at time of going to press.



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.

Sensitivity	40.5 kHz
Sensor technology	Ultrasonic receiver
Power	2 D-size (1.5 V) alkaline Rechargeable, NiMH power sticks
Battery life	16 hours
Display	Visual LED
Weight	540g

Description	Part No.
Whisper	711-202-G1



Gas-Mate®

HYDROCARBON & TRACE-A-GAS™ COMPATIBLE



Compatible with
TRACE-A-GAS™

- 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.
- A2L & A3 ready
- 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.

Description	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	700g



For use on A3 please scan the QR code to read the A3 safety instructions. **DO NOT USE UNLESS FULLY QUALIFIED FOR A3.**

Suggested spares	
Sensor	706-700-G1

Information correct at time of going to press.



With over 65 years designing and manufacturing high-quality fluorescent leak detection dyes and ultraviolet lamps. Our dyes glow brighter than the competition and is a simple and smart investment for detecting leaks whilst working as preventative maintenance revealing leaks in the future. Aspen Pumps Group are a proud and exclusive distributor of Spectroline in the UK.



Injection

NEW
PRODUCT



JAV-1421

GloSeal

UV DYE & SEALANT – INJECTION



Works to pinpoint the exact location of all leak areas and seals AC&R micro-leaks from the inside.

The Spectroline patented dual pivoting adapter easily switches from 5/16" or 1/4" flare fittings, making it a versatile tool to keep on hand.

- 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 highly concentrated to see all leaks glowing brightly

Dosage	Treats (cooling)
10ml	0.5 - 2.5 tons of cooling (1.76 - 8.79 kW)



JAV-1420

Description	Part No.
GLO SEAL™ 10ml Syringe Injector – Single Use	JAV-1421
GLO SEAL™ 10ml Syringe Injector & Adapter	JAV-1420

Kit includes:
 2 x Single use syringe injector (10 ml)
 1 x Patented dual adapter (1/4" flare - 5/16" flare)

Information correct at time of going to press.

PATENTED
DYE

2 IN 1
Solution

Injection



Inject dye with a turn of the handle

JAV-1174

GloSeal

UV DYE & SEALANT – INJECTION



Have peace of mind as Glo Seal works for you 24/7 for continual leak detection and ongoing sealing

- 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



JAV-1173



JAV-1174

Description	Part No.
Glo Seal, 1 x 15ml (SPE-EZDS-CS)	JAV-1174
Glo Seal Kit (SPE-EZDSK-CS)	JAV-1173
<i>Kit includes:</i>	
2 x 15ml Glo Seal Universal/POE dye cartridges	
1 x Dye injector assembly	
1 x 20cm hose assembly with low-loss fitting & check valve	
1 x R-410A adapter; service labels	

Dosage	Treats (cooling)
15ml	up to 12kW



Inline



1/4" connections built in



Charge inline with refrigerant

GloSeal

UV DYE & SEALANT - INLINE



Convenient, mess-free, single-dose capsules. Have peace of mind as Glo Seal works for you 24/7 for continual leak detection and ongoing sealing

- 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 (EL33021)



JAV-1175

Description	Part No.
Glo Seal, 1 x 15ml (SPE-EZDS-CS)	JAV-1175

Dosage	Treats (cooling)
15ml	up to 12kW

Information correct at time of going to press.



Injection



Inject dye with a turn of the handle.

JAV-1103

CoolSeal

AC LEAK SEALANT – INJECTION



Seals micro 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
- Remains safely in system to help protect against future leaks



JAV-1106



JAV-1103

Dosage	Treats (cooling)
15ml	up to 14kW
60 ml	up to 56kW

Description	Part No.
Cool Seal, 1 x 15ml (CS-1CS)	JAV-1103
Cool Seal Kit (CS-100CS)	JAV-1106
<i>Kit includes:</i>	
2 x 15ml Cool Seal A/C leak sealer cartridges	
1 x Injector assembly	
1 x 20cm hose assembly with low-loss fitting & check valve	
1 x R-410A adapter; service labels	



Inline



1/4" connections built in



Charge inline with refrigerant

CoolSeal

AC LEAK SEALANT - INLINE



Add Cool Seal A/C Leak Sealer and refrigerant in one simple step.

- 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. (EL33021 page 75).
- Requires bleed valves for injection.



JAV-11140

Description	Part No.
Cool Seal, 1 x 15ml (CS-3CS)	JAV-11140 (CS-3CS)

Dosage	Treats (cooling)
15ml	up to 14kW

Information correct at time of going to press.



JAV-1156 EZ-Ject Complete Kit



Inject dye with a turn of the handle.

EZ-Ject™

FLUORESCENT DYE LEAK DETECTION – INJECTION



The revolutionary way to add fluorescent dyes into air conditioning and refrigeration systems – without the use of additional refrigerant, manifold and additional hoses. No pouring and no refrigerant required for injection.

- Spectroline dyes glow brighter than the competition
- One calibrated cartridge provides exact dosing for multiple systems
- Easily overcomes system pressure up to 450 psi (31 bar)



JAV-1154



JAV-1155



JAV-1210EZ-25

JAV-1211EZ-50

Description	Part No.
EZ-Ject Complete Kit (SPE-HVLEZE) <i>Kit includes: 2 x 15ml EZ-Ject Universal/POE dye cartridge, 1 x Dye injector assembly, 1 x 20cm hose assembly with low-loss fitting & check valve, 1 x R-410A adapter; service labels, 1 x Violet light LED leak detection lamp, 1 x Fluorescence-enhancing glasses, 1 x 60ml Glo-Away Plus dye cleaner, 3 x Drip plugs; Service labels</i>	JAV-1156
EZ-Ject Kit (SPE-EZ100E-CS) <i>Kit includes: 2 x 15ml Universal/POE dye cartridge, 1 x Dye injector assembly, 1 x 20cm hose assembly with low-loss fitting & check valve</i>	JAV-1154
Universal/POE dye cartridge (SPE-EZ5E-CS)	JAV-1155
20cm hose assembly with low-loss fitting & check valve	JAV-1210EZ-25
Dye injector assembly	JAV-1211EZ-50

Information correct at time of going to press.

Inline



JAV-1165 Glo-Stick Complete Kit



1/4" connections built in



Charge inline with refrigerant

Glo-Stick®

FLUORESCENT DYE LEAK DETECTION - INLINE



Convenient, mess-free, single-dose capsules. Add refrigerant and fluorescent dye in one simple step

- Spectroline dyes glow brighter than the competition
- Available in 4 sizes/concentrations to match the capacity of the system
- Inject dye while charging with refrigerant, or when connecting from the high side to the low side



JAV-1161 (6 Pack JAV-1157)

JAV-1162 (6 Pack JAV-1158)

JAV-1163 (6 Pack JAV-1159)

JAV-1164 (6 Pack JAV-1160)

Part No	Cartridge Size	Treats (lubricant / refrigerant)
JAV-1161	0.89ml	up to 445ml / 1.3kg
JAV-1162	15ml	445ml – 1.5 l / 1.4 – 2.2kg
JAV-1163	15ml	1.6 – 3 l / 2.3 – 4.5kg
JAV-1164	15ml	3.1 – 7.6 l / 6 – 11.3kg

Description	Part No.	6 Pack
Glo-Stick Complete Kit (SPE-HVLGSE)	JAV-1165	–
<i>Kit includes: 1 x Glo-Stick 1E, 2 x Glo-Stick 2E, 1 x Glo-Stick 3E 1 x 20cm hose assembly with low-loss fitting & check valve, 1 x Bleed valves; 1 x Purge capsule; 1 x R-410A adapter, 1 x Violet light LED leak detection lamp, 1 x Fluorescence-enhancing glasses, 1 x 60ml Glo-Away Plus dye cleaner 3 x Drip plugs; Service labels</i>		
Glo-Stick 101E (SPE-GS101E-CS)	JAV-1161	JAV-1157
Glo-Stick 1E (SPE-GS1E-CS)	JAV-1162	JAV-1158
Glo-Stick 2E (SPE-GS2E-CS)	JAV-1163	JAV-1159
Glo-Stick 3E (SPE-GS3E-CS)	JAV-1164	JAV-1160

Information correct at time of going to press.



JAV-1169 BigEZ Complete Kit



Inject dye with a turn of the handle.

BigEZ™

FLUORESCENT DYE LEAK DETECTION – INJECTION



No pouring, no refrigerant, no spills – pre-filled BigEZ cartridges are clearly labelled with 32 or 64 calibrations so you'll introduce exactly the right amount of dye every time.

- Spectroline dyes glow brighter than the competition
- One calibrated cartridge provides exact dosing for multiple systems.
- Easily overcomes system pressure up to 200 psi (13.7 bar)



JAV-1166



JAV-1168 (3 Pack JAV-1167)



JAV-1120

Description	Part No.	3 Pack
BigEZ Complete Kit (SPE-HVLBEZE)	JAV-1169	-
<i>Kit includes:</i>		
1 x 118ml BigEZ Universal/POE dye cartridge		
1 x Dye injector assembly		
1 x 20cm hose assembly with low-loss fitting & check valve		
1 x R-410A adapter; service labels		
1 x Violet light LED leak detection lamp		
1 x Fluorescence-enhancing glasses		
1 x 60ml Glo-Away Plus dye cleaner		
3 x Drip plugs; Service labels		
BigEZ (SPE-BEZ5E-4CS)	JAV-1168	JAV-1167
BigEZ Kit (SPE-BEZ400E-CS)	JAV-1166	-
BigEZ Injector (BEZ50)	JAV-1120	-

Dosage	Treats (lubricant / refrigerant)
118ml	up to 61L / Up to 181kg



Violet light LED

FLUORESCENT LEAK DETECTION LAMP



Economical and powerful, cordless leak detection lamp. Reveals even the smallest refrigerant leaks! Universal/POE dyes only.

- Provides optimal fluorescent dye response and contrast
- Pre-focused beam optimizes fluorescent response
- Compact design easily gets into tight, cramped spaces
- Rugged, corrosion-resistance anodized lamp body stands up to years of heavy use
- Anti-roll cuff

NOTE: For most applications, our violet light lamp does not require fluorescence enhancing glasses.



JAV-1176

Description	Part No.
Violet light LED leak detection lamp (SPE-HVL-CS)	JAV-1176 (SPE-HVL-CS)
<i>Kit includes:</i>	
1 x Violet Light LED Leak Detection Lamp	
3 x AAA batteries	
1 x Fluorescence-enhancing glasses	

Sensitivity	up to 8m
Power	x3 AAA batteries (included)
Run time	up to 5hrs

Information correct at time of going to press.

Pour direct



JAV-1171 AR-Glo, 473ml

AR-Glo 5E®

POUR DIRECT INTO SYSTEM



AR-Glo bottled dyes can be poured directly into any AC&R system. Dye can remain safely in the system to confirm repairs and preform future preventive maintenance checks

- Universal/POE dye is compatible with ALL refrigerants & lubricants
- Fluoresces up to 10% brighter. Spectroline dyes glow brighter than the competition
- Improved Shelf Life – Up to 5 years!
- Improved Stability – More tolerant to extreme temperature range & moisture
- Environmentally Sound – Natural safe raw materials, small carbon footprint
- Exclusive Formula – From the inventors and most trusted name in fluorescent leak detection



JAV-1170

Description	Part No.
AR-Glo, 473ml	JAV-1171 (SPE-AG5E-16)
AR-Glo, 60ml (SPE-AG5E-2P6) 6 x 60ml bottles	JAV-1170
AR-Glo, 473ml (SPE-AG5E-16) 6 x 60ml bottles	JAV-1171

Dosage	Treats (POE refrigerant oil)
473ml	up to 242L

Water-Glo 802®

POUR DIRECT INTO SYSTEM



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
- Works with any leak detection lamp
- Pinpoint leaks in piping, valves, condensers, seals, welds, & fittings
- Use as part of a diagnostic/preventive maintenance program



JAV-1137

Description	Part No.
Water-Glo 802 (Water-Glo 802-P)	JAV-1137 (WATER-GLO 802-P)

Dosage	Treats (water)
473ml	up to 3,800L

Injection



Acid Buster®

ACID SCAVENGING SOLUTION INJECTION KIT



Twice as concentrated as competitive solutions. Works with ALL refrigerants and lubricants (mineral oil, POE, PVE, and alkyl benzene lubricant).

- Compatible with semi-hermetic, hermetic and scroll compressors.
- Direct, reusable injector eliminates the need for an oil pump.



JAV-1129



JAV-1119

Description	Part No.
Acid Buster acid scavenging solution injection kit	JAV-1129 (AB-100CS)
<i>Kit includes:</i>	
2 x 15ml Acid Buster acid scavenging solution cartridges	
1 x Injector assembly	
1 x 20 cm hose assembly with low-loss fitting & check valve	
1 x R-410A adapter; service labels	
Acid-Buster acid scavenging solution cartridge	JAV-1119 (AB-5CS)

Dosage	Treats (oil)
15ml	up to 946ml

Cleaner & spares

GLO-AWAY PLUS

Formulation that works to dissolve fluorescent dye from the leak site

- Requires less application & less time removing left over dye
- Concentrated! Stronger formula makes it easier to remove the toughest dye stains



JAV-1172



JAV-1131



JAV-1121

Description	Part No.
1 x 60ml Glo-Away Plus (128484)	JAV-1172
Fluorescence enhancing glasses	JAV-1131
Carrying Case (CC-130)	JAV-1121



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.

- Ideal for air conditioning and refrigeration
- This unit is highly accurate with 5 gram resolution and an increased weighing capacity of 100kg. The compact platform is 223mm x 223mm, easily removed from the carry case for use, also featuring an easy to read LCD display
- This unit also includes a memory function, holding the last reading until cleared. Even when the unit automatically shuts down after 10 minutes of non use, the last reading is still stored in memory

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

Description	Part No.
Procharge 100	G58610



Hydrocarbon Scale

(INC. TWO HOSES AND BALL VALVE)



- Large weighing platform and durable and sturdy injected molded components
- Back-lit LCD display
- High accuracy load cell
- Pass-through charging (moving the charge hose does not affect weight)
- Small diameter durable CLRFR Series hoses included
- Charging valve included for precision charging
- Schrader valves included to prevent refrigerant loss/leaks
- Cylinder adapter with Secure Seal low-loss fitting included for inverted charging
- 2 charging orientation options: upright and inverted
- Velcro loop included for stabilizing the refrigerant canister (upright charging)
- Designed for R600a and R290
- Other charging methods are possible by using additional adapters for different canister types

Capacity (g/oz)	5000g/176oz
Accurac (g/oz)	1g / 0.1oz
Power Supply	Two AA batteries (included)
Dimensions l x w x h (mm/in)	200.5 x 150 x 48mm (7.9 x 5.9 x 1.9") (200mm x 150mm x 48mm)

Description	Part No.
Hydrocarbon scales	DS-5000

Information correct at time of going to press.



Wey-TEK®

REFRIGERANT CHARGING 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

Type	Digital
Weighing capacity	110 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
Dimensions (cm)	32 x 28 mm (12.5" x 11")
Carry case	Hard plastic carry case

Description	Part No.
Wey-TEK	719-202-G1

Information correct at time of going to press.



Wey-TEK HD[®]

REFRIGERANT CHARGING 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'.

Optional hand piece which 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.

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
Dimensions	Platform size 32 x 28 cm
Carry case	Hard plastic carry case

Description	Part No.
Wey-TEK	719-202-G1
Wey-tek HD wireless hand piece	719-715-G1

Information correct at time of going to press.



EL75172



EL86372



All in one box

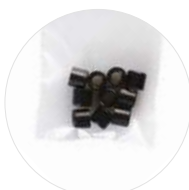
R410A / R32

MANIFOLDS



- 1/4 turn control valves for fast operation and increased refrigerant flow
- Piston style valves to ensure perfect sealing
- 3 x 72" Continental R/Y/B hoses*.
- Forged aluminium body – durable and lightweight
- 80mm gauge heads with rubber protection surround
- Long life rubber seals
- Anti-flutter pointers
- Robust carry case with laser cut foam protection and manual

Product	Sight Glass	¼ turn	Piston Style	Hoses	Hard Case	Part No.
4 Valve	✓	✓	-	✓	✓	EL75172
2 Valve	✓	✓	-	✓	✓	EL86372
2 Valve	-	-	✓	✓	✓	EL66372
4 Valve	✓	✓	-	-	-	EL75700
2 Valve	✓	-	✓	-	-	EL74400
2 Valve	-	-	✓	-	-	EL66300
R410A / R32						



Hose Gaskets 1/4" & 5/16"	Part No.
Hose Rubber Gaskets 1/4" (10 pack)	EL200-10
Hose Rubber Gaskets 5/16" R410A / R32 (10 pack)	EL220-10

Information correct at time of going to press.



EL5372



EL84372



All in one box

Multi Gas

R134A, R22, R404A, R407C MANIFOLDS



- 1/4 turn control valves for fast operation and increased refrigerant flow
- Piston style valves to ensure perfect sealing
- 3 x 72" Continental R/Y/B hoses*
- Forged aluminium body – durable and lightweight
- 80mm gauge heads with rubber protection surround
- Long life rubber seals
- Anti-flutter pointers
- Robust carry case with laser cut foam protection and manual

Product	Sight Glass	¼ turn	Piston Style	Hoses	Hard Case	Part No.
4 Valve	✓	✓	–	✓	✓	EL75372
2 Valve	✓	✓	–	✓	✓	EL84372
2 Valve	–	–	✓	✓	✓	EL64372
4 Valve	✓	✓	–	–	–	EL75300
2 Valve	✓	–	✓	–	–	EL74300
R134A, R22, R404A, R407C						

Information correct at time of going to press.



EL54516



EL54511

80mm HP / LP Pressure gauges

REPLACEMENT GAUGES



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

Description	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



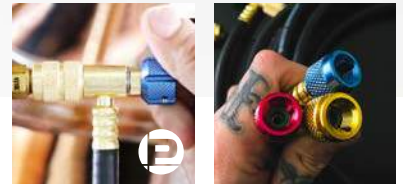
Supahose

STAINLESS STEEL REFRIGERANT HOSE



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

Length	Part No.
12" (30,5cm)	120404
15" (38cm)	150404
18" (46cm)	180404
24" (61cm)	240404
30" (76cm)	300404
36" (91,5cm)	360404
48" (122cm)	480404
60" (152,5cm)	600404
78" (198cm)	780404



Safety Swivel
One-touch design

Safe Seal

CHARGING HOSES



Patented Safe Seal technology: 'One-Touch' design allows you to screw the fitting on to the system before starting refrigerant flow, avoiding refrigerant loss and risk of 'refrigerant burn'. Then simply turn the knob to start/stop flow.

- 72" hose (183cm), Suitable for standard refrigerants.
- The safety swivel sleeve allows free rotational movement of the hose without the fitting coming loose being put under unnecessary strain and preventing unwanted leaks

Description	Part No.
Charging Hoses, Safe Seal, 1/4", Working Pressure: 600/3000 PSI (41 bar) Bursting pressure of 3000 psi (207 bar)	JAV-1071
R410A/R32 Charging Hoses, Safe Seal, 1/4" x 5/16", Working Pressure: 800/4000 PSI (55 bar). Bursting pressure of 4000 psi (276 bar)	JAV-1072

Safe Seal Hose Gaskets	Part No.
Safe Seal Gasket Manifold End 1/4" (10 pack)	JAV-1374
Safe Seal Gasket Serve End 5/16 x 1/4" (10 pack)	JAV-1276
Safe Seal O-ring for 5/16"	JAV-1355
Safe Seal O-ring for 1/4"	JAV-1354



Turbo Flow

VACUUM AND CHARGING HOSES



- Large bore vacuum and charging hose
- Designed specifically to increase speed, flow and efficiency when using vacuum pumps and refrigerant charging via the 3/8th access fittings
- Available in 60" (1525mm) and 72" (1828.8mm) lengths
- Connections: 3/8" x 3/8" and 3/8" x 1/4"
- Teflon sealed
- Used for all vacuum and refrigerant charging procedures

Max working pressure	55 Bar
Burst Pressure	275 Bar
Core depressor	No
Ball valve	No
Colour	Black

Length	Part No.
72" 3/8 Vacuum Hose	JAV-1362
60" 3/8 Vacuum Hose	JAV-1363
72" 3/8 x 1/4 Vacuum Hose	JAV-1364
60" 3/8 x 1/4 Vacuum Hose	JAV-1365

NEW! Gaskets	Part No.
JAVAC Edge Teflon Gaskets 3/8" T Flow (10 pack)	JAV-1374

Information correct at time of going to press.



JAV-1375

Hose Sets

NO BALL VALVE, STANDARD & SET BACK



- Red/Yellow/Blue
- Temperature rating -30 to +95



JAV-1381



JAV-1387

Part No.	Length / Type / Connections	No Ball Valve	Ball Valve Set Back	Standard Ball Valve	Burst pressure rating / Max working pressure Bar
JAV-1375	72" hose set 1/4" x 1/4"	✓	-	-	
JAV-1376	60" hose set 1/4" x 1/4"	✓	-	-	3000 PSI/206 / 600 PSI/41
JAV-1377	36" hose set 1/4" x 1/4"	✓	-	-	
JAV-1378	72" hose set R410a 1/4" x 5/16"	✓	-	-	
JAV-1379	60" hose set R410a 1/4" x 5/16"	✓	-	-	4000 PSI/275 / 800 PSI/55
JAV-1380	36" hose set R410a 1/4" x 5/16"	✓	-	-	
JAV-1381	72" hose set 1/4" x 1/4"	-	✓	-	
JAV-1382	60" hose set 1/4" x 1/4"	-	✓	-	3000 PSI/206 / 600 PSI/41
JAV-1383	36" hose set 1/4" x 1/4"	-	✓	-	
JAV-1384	72" hose set R410a 1/4" x 5/16"	-	✓	-	
JAV-1385	60" hose set R410a 1/4" x 5/16"	-	✓	-	4000 PSI/275 / 800 PSI/55
JAV-1386	36" hose set R410a 1/4" x 5/16"	-	✓	-	
JAV-1387	72" hose set 1/4" x 1/4"	-	-	✓	
JAV-1388	60" hose set 1/4" x 1/4"	-	-	✓	3000 PSI/206 / 600 PSI/41
JAV-1389	36" hose set 1/4" x 1/4"	-	-	✓	
JAV-1390	72" hose set R410a 1/4" x 5/16"	-	-	✓	
JAV-1391	60" hose set R410a 1/4" x 5/16"	-	-	✓	4000 PSI/275 / 800 PSI/55
JAV-1392	36" hose set R410a 1/4" x 5/16"	-	-	✓	

JAV-1366 Teflon gaskets for 1/4" & 5/16" Pack of 10

Gasket picker



Description	Part No.
NEW! Gasket Picker	JAV-1367



Hose sets



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

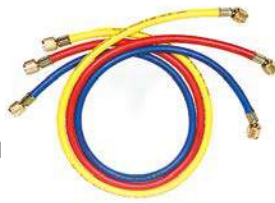
Single charging line 1/4", (x1)

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



Charging Line set 1/4" (x3)

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



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

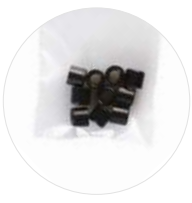
Product	Length	Part No.		
		Blue	Red	Yellow
CL-6	6" (15 cm)	9881256	9881265	9881274
CL-12	12" (30 cm)	9881255	9881264	9881273
CL-24	24" (60 cm)	9881254	9881263	9881272
CL-36	36" (90 cm)	9881253	9881262	9881271
CL-48	48" (120 cm)	9881252	9881261	9881270
CL-60	60" (150 cm)	9881251	9881260	9881269
CL-72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

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

Hose Gaskets



9880871



EL200-10, EL220-10

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

Information correct at time of going to press.

TurboFlow Vacuum and Charging Kit

VETO + JAVAC EDGE ALL IN ONE BAG



This complete charging and evacuation kit, is designed to handle all high-pressure refrigerants and not to collapse or permeate under vacuum pressure.

- Truly universal to work with any vacuum pump with a 3/8" connection
- All products are vacuum rated so no leaks can occur when in ultimate vacuum
- All products are restriction free for complete TurboFlow state
- Significantly reduce evacuation times compared to a set up with a manifold and 1/4" hoses
- Can be used on all standard refrigerants to efficiently and quickly charge HVAC systems
- All items available available to buy seperately

Description	Part No.
TurboFlow Vacuum and Charging Kit	JAV-1422

Kit includes: 2 x JAV-1364 TurboFlow 3/8" FL to 1/4" FL black vacuum and charging hoses; 2 x EL41550 TurboFlow JAVAC core removal tools 1/4" as standard with 5/16" adaptor; 1 x JAV-1415 JAVAC Edge Veloci-Tee 3/8" Vacuum and Charge Tee; 3/8"MF on the run; 1 x AX3685 Veto Pro Pac Hose Hauler bag

Hose Hauler Bag (AX3685) specifications	
Size mm – w/d/h	430x130x430
Weight (empty)	1.8kg
Storage/pockets	6 x pockets; 1 x removeable parts/gauges bag
Max. Payload	7kg
Internal volume	50.5L



AX3685



EL41550



JAV-1415



JAV-1364

Information correct at time of going to press.



Veloci-Tee 3/8"

VACUUM & CHARGING T VALVE



Veloci-Tee is universal to work with any vacuum pump with a 3/8" connection, and is vacuum rated so no leaks. The restriction free design of the ports means a significant reduction in evacuation times compares with traditional methods. Compatible with all standard refrigerants bringing extra speed and efficiency.

Description	Part No.
Veloci-Tee 3/8"	JAV-1415



JAV-1025

Tube Expander Set

MULTI SIZE



1/4" / 6mm Expander Head*



- Patented 1/4" / 6mm Expander Head makes small to large pipework joining installations a breeze
- Hard plastic carry case
- Hard drawn copper must be heated/annealed

Expander Heads Only

Sizes	Part No.
8 Sizes: 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	JAV-1025
8 Sizes: 6, 8, 10, 12, 15, 16, 18, 22mm	JAV-1187

Sizes	Part No.	Sizes	Part No.
1/4"	JAV-1081	6mm	JAV-1188
1/2"	JAV-1080	8mm	JAV-1189
3/4"	JAV-1082	10mm	JAV-1190
3/8"	JAV-1083	12mm	JAV-1191
5/8"	JAV-1084	15mm	JAV-1192
7/8"	JAV-1085	16mm	JAV-1193
1"	JAV-1088	18mm	JAV-1194
1-1/8"	JAV-1086	22mm	JAV-1195
1-3/8"	JAV-1054	25mm	JAV-1196
1-5/8"	JAV-1055	28mm	JAV-1197

Information correct at time of going to press.



90° Indicator

Reverse bending adaptor

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 x Reverse bending attachment
- Hard plastic carry case
- For use on soft drawn copper only

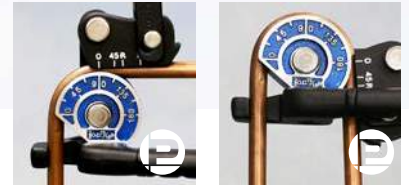
Sizes	Part No.
7 Sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"	JAV-1021
7 Sizes: 6, 8, 10, 12, 15, 18, 22mm	JAV-1183

Spares			
Counterformer	Part No.	Mandrel	Part No.
1/4 - 3/8"	JAV-9001	1/4"	JAV-1143
1/2 - 7/8"	JAV-9002	5/16"	JAV-1144
		3/8"	JAV-1145
		1/2"	JAV-1146
		5/8"	JAV-1147
		3/4"	JAV-1148
		7/8"	JAV-1149

Information correct at time of going to press.



JAV-1016 3/8"



Dual hinge design

Tube Benders

MULTI SIZE



- Patented Dual Hinge Design – resets the handle position for extra leverage, making the second bend to 180° so simple.
- For use on soft drawn copper only



JAV-1019 3/4"

Sizes OD	Part No.	Sizes OD	Part No.
3/8"	JAV-1016	10mm	JAV-1177
1/2"	JAV-1017	12mm	JAV-1178
5/8"	JAV-1018	15mm	JAV-1179
3/4"	JAV-1019	16mm	JAV-1180
7/8"	JAV-1020	18mm	JAV-1181
		22mm	JAV-1182



Tube Straightener



- Accurately straightens light wall tube from coil
- Straighten what you need – less material wastage
- Accelerated flow for better efficiencies from straighterpipe
- Rollers spiral along the tube to straighten and strengthen the tube
- Create radius tube bends using the central hole
- For use on soft drawn copper only

Sizes O.D.	Part No.
1/4"	JAV-TST14
3/8"	JAV-TST38
1/2"	JAV-TST12
5/8"	JAV-TST58
6mm	JAV-1035
10mm	JAV-1036



Tube positioning plate

Eccentric Flaring Tool



Avoid leaks, make the perfect flare the easiest way with the Tube Positioning Plate – the plate ensures the tube is set at the correct position

- Hard plastic carry case

Sizes	Part No.
7 Sizes: 3/16" 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	JAV-1024
7 Sizes: 6, 8, 10, 12, 15, 16, 18mm	JAV-1185

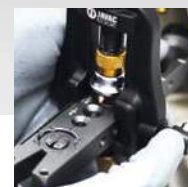
Flare Size Gauge

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

Description	Part No.
Flare Size Gauge	JAV-1022



Information correct at time of going to press.



2-in-1 Flaring & Swaging Tool



An easy to use 2-in-1 one design that can be used to flare or swage. Perfect flaring and swaging, less to carry with extra room in the van for more tools!

- 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
- Hard plastic carry case.
- Hard drawn copper must be heated prior to use.

Sizes	Part No.
6 Sizes: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	JAV-1023
7 Sizes: 6, 8, 10, 12, 15, 16, 18mm	JAV-1184



Tube positioning plate

Dual Clutch Eccentric Flaring Tool



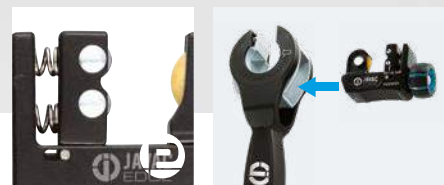
Dual clutch design. Clutch releases when the flare is complete to prevent over compression

- Drill powered or manual
- Lightweight aluminium body and superior steel core

Sizes	Part No.
7 Sizes: 3/16" 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	JAV-1034



Left to right: JAV-1010, JAV-1015, JAV-1013, JAV-1012, JAV-1014 Cuts stainless steel up to 3mm thick. Heavy duty with 6 ball bearing rollers
 JAV-1011 Ratchet tube cutter set (includes JAV-1010 tube cutter), JAV-1009



Smart spring design

JAV-1011: 2-in-1

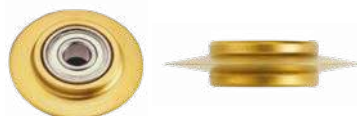
Tube Cutters



All our JAVAC EDGE tube cutters feature:

- Titanium plated blade
- Patented Smart Spring Design
- Automatic Cutting. The spring pressure advances the blade when cutting, so there is no need to re-tighten the cutter

Size	Tube Cutter	Replacement blades (packs of 2)
1/8 – 5/8"	JAV-1009	JAV-1008
1/8 – 7/8"	JAV-1010	
1/8 – 7/8",	JAV-1011	JAV-1001
1/8 – 1-1/4"	JAV-1012	
1/8 – 1-5/8"	JAV-1013	JAV-1005
1/4 – 1-1/4"	JAV-1014	JAV-1006
3/8 – 2-5-8"	JAV-1015	JAV-1003



Replacement blades

Information correct at time of going to press.



Digital Torque Wrench



- Adjustable head
- Digital torque value readout
- +/- 2% accuracy
- CW and CCW operation
- Peak hold and track mode selectable
- Buzzer and LED indicator for the 9 pre-settable target torques
- Water contact indicator
- Engineering units (N-m, ft-lb, in-lb, kg-cm) selectable
- 50 or 250 data memory for recall and joint torque auditing
- Auto Sleep after about 5 minutes idle
- Compatible with rechargeable batteries

Part No.	Square Drive	Max. Torque	
JAV-1356	3/8"	85 N-m / 62.7 ft-lb / 752 in-lb / 867kg-cm	
Accuracy	Torque Measuring Range (N-m)	Length	
B	+/-2%-CW / +/-3%-CCW	4.2~85	270mm

Accuracy *1	BN	BR
	CW : ±2% CCW : ±3%	
Data memory size	50	250
PC Connectivity *2	No	No
Pre-Setting No.	9 sets	
Bright LED	6 LEDs (1 Red + 5 Green)	
Operation Mode	Peak hold/Track	
Unit Selection	N-m, in-lb, ft-lb, kg-cm	
Head Type	Adjustable wrench head	
Gear Teeth	52	
Size of Head of End Fitting (WxH)	9 x 12mm	
Axial Distance	17.5mm	
Button	5	
Battery *3	AAA x 2	
Operating Temperature	-10°C ~ 60°C	
Storage Temperature	-20°C ~ 70°C	
Humidity	Up to 90% non-condensing	
Drop Test	1m	
Vibration Test *4	10G	
Environmental test *5	Pass	
Electromagnetic compatibility test *6	Pass	



HYDRA-XP9 Hydraulic Expander



- Single-handed operation
- Compact design permits working in hard to access areas
- Laser-engraved expander heads are easy and quick to identify and attach
- De-burring tool included in the kit
- Angled and ergonomic design requires less effort
- 9 Heads – 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1 & 1/8", 1 & 3/8" & 1 & 5/8"
- Spare heads available

Description	Part No.
HYDRA-XP9 Hydraulic Expander	JAV-1405

Kit includes:

1 x Hydraulic Expander Tool, 1 x Deburring Tool, 1 each of 9 Heads – 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1 & 1/8", 1 & 3/8" & 1 & 5/8"

Spare heads

Sizes	Part No.	Sizes	Part No.
1/4"	JAV-1406	7/8"	JAV-1411
3/8"	JAV-1407	1 1/8"	JAV-1412
1/2"	JAV-1408	1 3/8"	JAV-1413
5/8"	JAV-1409	1 5/8"	JAV-1414
3/4"	JAV-1410		



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

Expander heads spares

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



Description	Part No.
Expander Set	JAV-1000B

Sizes	Part No.	Sizes	Part No.
3/8"	JAV-1000-38	7/8"	JAV-1000-78
1/2"	JAV-1000-12	1 1/8"	JAV-1000-118
5/8"	JAV-1000-58	1 3/8"	JAV-1000-138
3/4"	JAV-1000-34	1 5/8"	JAV-1000-158

1/4 – 1 5/8" inside / outside reamer



Description	Part No.
Deburring Tool	CT-209



JTB-3

3-in-1 Tube Benders



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

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

Tube Benders



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

Spring Type Tube Benders



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

Information correct at time of going to press.



Hydraulic Tube Bender



- One handed operation to precisely bend soft drawn copper pipe
- Formers included: 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



Description	Part No.
Hydraulic Tube Bender	HB85

Crossbow Bender



- One handed operation to precisely bend soft drawn copper pipe
- Formers included: 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



Description	Part No.
Crossbow Bender	JAV-404-L





Flaring & 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

Description	Part No.
Flaring & Swaging Kit	JAV-275-K

Eccentric Flaring Tool



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



Description	Part No.
Eccentric Flaring Tool	JAV-806B

Deburring Tool



Description	Part No.
Deburring Tool	JAV-1087

Information correct at time of going to press.



Oxy-acetylene brazing & welding tool kit



Description	Part No.
Oxy-acetylene brazing & welding tool kit	F23220001

Kit includes:

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



Oxygen regulator

Acetylene regulator



Flashback arrestors



Brazing Torch and Mixer



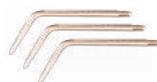
Pistol Grip Spark Lighter



Cylinder spanner



Pair of 5 m Hoses



Lightweight nozzles



Multi head spanner



Nozzle Cleaning Set



0783640



0783650

Single stage oxygen & acetylene regulators

BRAZING KIT SPARES



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

Description	Part No.
Oxygen regulator	0783640
Acetylene regulator	0783650

Oxygen and acetylene flashback arrestors

BRAZING KIT SPARES



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



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

Information correct at time of going to press.



Lightweight nozzles

Brazing Kit Spares



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



CYLINDER BOTTLE SPANNER

Part No.	9431290
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NOZZLE CLEANING KIT

Part No.	9430860
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Flexi Torch

BRAZING & WELDING TORCH



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



Description	Part No.
Flexi Torch	JAV-1004



Fusion Dual

BRAZING & WELDING 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

Description	Part No.
Fusion Dual	FD-2

Bottle Trolley



Description	Part No.
Oxygen and Acetylene Bottle Trolley 5 & 10L	9431380



Olympus

BRAZING & WELDING TORCH



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

Description	Part No.
Olympus	OLY2

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
- 1kg Pack. 500mm long. Made in the UK

Description	Part No.
Brazing Rods	JAV-S2





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.

Description	Part No.
Box of 12	JAV-1002
Each tub: net weight 325g, 92 x 67mm	



Maxy Flame Kit

OXYGEN/MAXY GAS WELDING & BRAZING KIT



- Twin cartridge capacity for Maxy gas bottles.
- Extended handle for ease of transportation.
- Significantly lighter than a standard Oxy/Acetylene kit.
- Extended 5m hose set included.
- Adaptable trolley to support mid size nitrogen bottle.
- No rental charges on Maxy Gas cartridges.

Description	Part No.
Maxy Flame Kit	JAV-1264

Kit includes:

1 x Trolley, 1 x Shank, 1 x 100 L/h Lance, 1 x 315 L/h Lance
1 x Oxy Flashback Arrestor, 1 x Maxy Flashback Arrestor, 2 x 5m
Hose, 1 x Oxy Regulator, 1 x Maxy Gas Regulator, 1 x Accessory
Tub, 1 x Goggles, 1 x Igniter

MAXY GAS CARTRIDGE

Part no. S050011*

Maxy Flame Kit is only for use with the Maxy Gas cartridge. *Sold separately by Advanced, visit aspenspumps.com





Nitrogen Regulator 50 Bar (OFN)



- 300 bar maximum inlet pressure.
- 0 - 50 bar (0 - 750 psi) outlet pressure range.
- Suitable for testing systems using R410A and all standard refrigerants, 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.
Nitrogen Regulator 50 Bar (OFN)	RS-750
Max. inlet pressure	300 bar
Outlet pressure range	0 - 50 bar (0 - 750 psi)
Connector type	1/4" outlet flare connection



RS-750-RIG Model may vary from picture shown



Nitrogen Rig

PRESSURE TESTING RIG WITH ISOLATION VALVE AND GAUGE



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.
Nitrogen Pressure Testing Rig	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

- The PVR is designed for use with oxygen free nitrogen (OFN) only
 - 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
 - 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
- DO NOT use for refrigerant charging

Description	Part No.
PVR nitrogen pressure	PVR SET

Kit includes:

1 x PVR Manifold, 2 x 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, 1 x Instruction Manual, 1 x Hard plastic carry case

Nitrogen cylinder trolley



Description	Part No.
Nitrogen cylinder trolley	NIT02

*Gas bottle not included

10 Bar (OFN) nitrogen regulator

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



Description	Part No.
10 Bar (OFN) nitrogen regulator	RS-150
Max. outlet pressure	10 bar, SAE connection



CO2 liquid / vapour charging rig



A complete CO2 trans critical charging rig

- Including: 300 bar maximum inlet pressure
- Liquid CO2 Charging connector
- 1/4" 2m High Pressure hose
- 1/4" SAE female flare outlet, for direct connection to system
- Direct connection to CO2 cylinder

Description	Part No.
CO2 liquid / vapour charging rig	JAV-2000-144
Kit includes:	
1 x PVR Manifold, 2 x Stainless Steel 1 x 2m CO2 hose, 2 x anti-whip cables, 1 x shut-off ball valve with CO2 bottle connector	

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.

Description	Type	Part No.
CO2 2 valve	Sub critical	FR1304-E20
CO2 4 valve	Sub critical	FR1308-4R-E20
CO2 2 valve	Sub critical	4687894
CO2 2 valve	Trans critical	FR4312-E25



FR1304-E20



FR1308-4R-E20



FR4312-E25



4687894



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.

Description	Part No.
Digital alarm thermometer	RT-905
Units	°C, °F
Temperature range	-50 ~ 200°C / -58 ~ 392°F
Power	x1 AAA (included)
Probe size	230 mm
Dimensions	118 mm

AC digital clamp meter



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



Description	Part No.
AC digital clamp meter	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)



EM10

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

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)

Description	Part No.
Digital alarm thermometer	EM10

Thermo-anemometer



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



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)

Description	Part No.
Digital alarm thermometer	EM20

Information correct at time of going to press.



EM60

Dual differential thermometer



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

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)

Description	Part No.
Dual differential thermometer	EM60

Tachometer



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



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)

Description	Part No.
Tachometer	EM30



EL41550

Valve core remover / installer



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

Description	Part No.
Valve core remover / installer	EL41550

Ball valves & adpators



EL33021

EL33023

EL30035 / EL30036

Description	Part No.
Ball Valve R410A 5/16", 1/4 turn	EL33023
Set of 3 Ball Valves (RBY) 1/4" SAE	EL33021
1/4" female flare x 1/4" male flare auto shut off	EL30036
Adaptor 5/16 to 1/4 for R410A	EL30036

10kg cylinder adaptor



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

Information correct at time of going to press.



SU-04

Access valves & core tools



S-209



SU-05

Description	Part No.
Valve core removal tool	S-209
Schrader Valve 1/4"	SU-04
Schrader Valve 5/16" – R410A	SU-05

Hydrocarbon can valve



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



Description	Part No.
Hydrocarbon Can Valve	JAV-1393



JAV-1372

Ancillary Fittings



The JAVAC 1/4" x 1/8" NPT fitting is designed for secure and leak-free connections

- The JAVAC 1/4" Flare Cap with Gasket is designed for sealing and protecting 1/4" flare connections, contributing to the overall safety and integrity of the system
- Pack of 10

Description	Part No.
1/4" x 1/8" NPT fitting (x10)	JAV-1371
1/4" Flare Cap with Gasket (x10)	JAV-1372
5/16" Flare Cap with Gasket (x0)	JAV-1373

Safe Access Valves



- Safe access valves, designed to use on the end of HVAC hoses to eliminate any potential refrigerant burns to hands
- Gives control to the user to accurately reduce or increase refrigerant flow
- Easily reduce and lock off the refrigerant flow from your hoses before disconnecting from the system
- Flow lock off feature
- Compatible with all refrigerants (except ammonia and CO2)
- Allows safe access with zero liquid refrigerant burns

Description	Part No.
1/4" x 1/4" Safe access valve	JAV-1368
1/4" x 5/16" Safe Access valve	JAV-1369
5/16" x 5/16" Safe Access valve	JAV-1370



Information correct at time of going to press.



JAV-127-CO

Ratchet wrenches



JAV-127-C

Description	Part No.
Offset ratchet wrench 1/4, 3/8, 5/16, 3/16"	JAV-127-CO
Ratchet wrench 1/4, 3/8, 5/16, 3/16"	JAV-127-C

Torque wrench kit



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

Description	Part No.
Torque wrench kit	JAV-TW8





JAV-3157

Piercing Plier



Designed to immediately pierce into any charging tube on all HVAC/R systems, mostly used in domestic applications

- Once the tube is pierced simple charging or evacuation can be carried out with minimal fuss
- Once complete the tube can be pinched off with the JAVAC Pinch off plier (JAV-1357) and the system can then be sealed

Description	Part No.
Piercing Plier	JAV-3157
Spare Needles (x10)	JAV-1359

Pinch Off Plier



The JAVAC Pinch Off Pliers are designed to pinch off copper tube up to 8mm thickness

- Locking jaw
- Pinches off and locks in place

Description	Part No.
Pinch off plier	JAV-3157





JAV-1360

Capillary Couplers



The JAVAC 900mm and 1500mm Capillary couplers with depressor 1/4" x 1/4" provides secure leak-free connections.

- The depressors ensure controlled refrigerant release during connections
- Brass nuts
- Built in depressor, one end

Description	Part No.
Capillary Coupler 1/4" with Depressor 900mm	JAV-1360
Capillary Coupler 1/4" with Depressor 1500mm	JAV-1361



EL30312



EL30303

Automotive couplers



- 1/4" SAE Hose Connection

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

Charging oil pump



Charge oil directly into the system with no need to shut it down.

- The pump fits any size oil drum, bottle or container.
- 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.

Description	Part No.
Charging oil pump	JAV-1042





M-2

Inspection mirror



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

Description	Part No.
Inspection mirror	M-2

Fin comb



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



Description	Part No.
Fin comb	EL70925

Solenoid service magnet



- Pocket sized, permanent magnet with protective plastic coating & carry case
- Safe, quick and easy way to manually operate electric solenoid valves
- Fits all makes of solenoid valve
- Saves service time
- An essential service engineer's tool



Description	Part No.
Solenoid service magnet	JAV-1306

Information correct at time of going to press.



240V Portable Lifter



The ultimate solution designed to assist with the lifting and positioning of heavy equipment in the HVAC industry.

- The lifter is suitable for use with condensers, evaporators, ductwork, air handling units, pipework plus many other uses
- Featuring its extendable legs, wide platform base and robust design the lifter offers unparalleled suitability and adaptability for almost all HVAC lifting and positioning requirements
- Designed to endure tough conditions allowing you to work safely, securely and efficiently

Description	Part No.
240V Portable Lifter	JAV-1353

Kit includes: 1 x Platform, 1 x Telescoping mast, 1 x Pulley with pulley cover, 1 x Steel cable, 1 x Motor and gearbox, 1 x Sliding ring, 4 x Legs, 1 x Wheel, 1 x Lever to select going up or down, 1 x Emergency Stop push button, 1 x Trigger button to control speed, 1 x Wheeled bag

Operational Voltage	220V ~ 240V @ 50/60Hz
Operation Current	4 Amp
Motor Duty	S3 30%
Plug Type	EU plug and UK plug adaptor
Max. Load Capacity	130kgs (3.0m height)
Basic Height	1m
Lifting Height	3.69m
Standard Platform	75 x 44cm
Operating Size	115 x 118cm
Length of controlling cable	4m
Length of power cord	2.7m
Ambient temperature	-5 °C to 45 °C
IP Level	IP43
Packaging box size	102 x 28 x 33cm
Net / Gross weight	30.5kgs (Machine 24kgs + Platform 4.8kgs) / 33kgs
Accessories	Manual Handle
Safety Standard	EN 60204-1:2018 / EN ISO 12100:2010
Compliance	WEEE / CE / UKCA

Information correct at time of going to press.



UNILITE

Unilite has built lights tough since 1981. The range back then was limited to just a handful of product lines. Wind the clock forward 43 years and now there are over 125 products, all with the same Built. Tough. DNA.





SLR-1450 | COMPACT WORK LIGHT

- 1450 lumen white COB LED, 6500k
- With 150 lumen 6500k white LED flashlight
- Plus 45 lumen Red and Red flash modes
- Powerful 'LG' 3.7v 5000mAh 21700 Li-ion battery
- Super tough copolymer and aluminium construction
- 180° rotating handle/stand with carabiner snap hook
- Strong magnets within the stand
- Glow-in-the-dark strip for extra visibility
- Battery level and charging indicators
- Faster 2A USB-C charging - 3 hour charge time
- 1m high quality USB-C cable included
- Battery can be removed so a convenient spare can be kept at hand
- 21700 battery has its own USB-C port so is easily charged out of the lamp

BATTERY	3.7v 5000mAh 21700 Li-ion
WEIGHT	288g
DIMENSIONS	folded H 122.5 x W 50.5 x D 50.5mm extended H 219 x W 50.5 x D 50mm

#BUILTTOUGH

LUMEN 1450LM | RUNTIME 3-90H | BEAM 53M | IP RATING IPX5



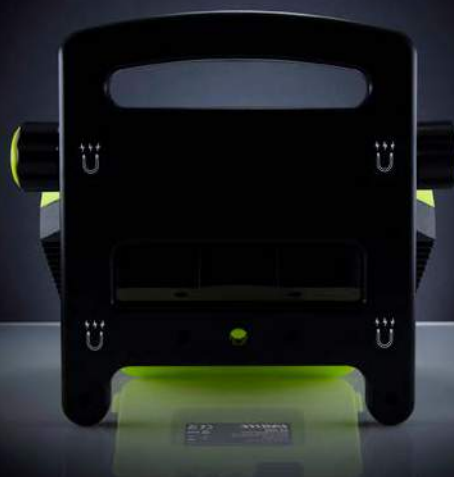
SLR-1750 | WORK LIGHT WITH POWERBANK

- 1750 lumen white COB LED, 6500k
- Red LED modes for emergency / signalling / night vision
- Built-in USB power bank with multiple intelligent outputs - 5V-3A/9V-2A/12V-1A
- Super tough copolymer and aluminium construction
- 180° rotating handle/stand with carabiner snap hook
- Strong magnets within the stand
- Glow-in-the-dark strip for extra visibility
- Super high power 'LG' 10,400mAh battery
- Battery level and charging indicators
- Faster 4 - 4.5 hour USB-C charging with multiple inputs - 5V-3A/9V-2A
- 1m high quality USB-C cable included

BATTERY	3.7v 10,400mAh Li-ion
WEIGHT	600g
DIMENSIONS	folded - 102 x 158 x 55mm extended - 102 x 268 x 48mm

#BUILTTOUGH

LUMEN 1750LM | RUNTIME 4.5-195H | BEAM 50M | IP RATING IPX5



SLR-5500 | RECHARGEABLE WORK LIGHT

- 5500 lumen 50W white SMD LEDs, 6500k
- High power 7.4v 7500mAh Li-ion battery
- Removable battery with powerful 2A USB power bank
- With battery level and charging indicators
- Tough aluminium & polycarbonate construction
- Glow-in-the-Dark strip around reflector for extra visibility
- Built-in aluminium heat sink
- Anti-slip rubber grip handle
- Adjustable head to change light angle
- Acrylic LED diffuser for even light dispersion
- Super strong magnetic base
- Mains 12V 2A multi-country charger/power lead included (inc UK, EU, US & AU adaptors)
- 4-5 hours charge time

BATTERY 7.4v 7500mAh Li-ion Battery Pack

WEIGHT 2200g

DIMENSIONS 215 x 192 x 285mm

#BUILTTOUGH

LUMEN 5500LM | RUNTIME 3-6H | BEAM 54M | IP RATING IP54



PL-3 | INSPECTION PENLIGHT

- 275 lumen white SMD LEDs, 6500k
- Die cast aircraft grade aluminium construction
- Easy press rubberised micro-switch
- 3 Light mode settings
- Strong magnetic base
- Useful rear aluminium pocket clip
- IPX4 water resistant
- 1m drop resistant

BATTERY 3 x 1.5v AAA Alkaline Batteries (inc.)
WEIGHT 57g (without batteries)
DIMENSIONS 154 x 15 x 21.5mm

LUMEN 275LM | RUNTIME 3-16H | BEAM 23M | IP RATING IPX4



INSPECTION
LIGHTS



IL-925R | FOLDING INSPECTION LIGHT

- 925 lumen white COB LED, 6500k
- Secondary rear 475 lumen white COB LED, 6500k
- Extra top torch - 150 lumen SMD LED, 6500k
- Compact hand-held size
- Super tough aluminium & nylon construction
- 180° vertical folding head
- Super strong magnetic base
- IK07 shock resistant - 2m drop resistant
- IP54 dust & water resistant
- High quality 2600mAh li-ion battery
- Battery level & charging indicators
- Fast 1A USB-C charging - 4 hour charge time
- 1m high quality USB-C cable included

BATTERY 3.7v 2600mAh Li-ion
WEIGHT 193g
DIMENSIONS folded 162 x 40 x 29 mm
extended 304 x 33 x 29 mm

LUMEN 925LM | RUNTIME 2.5-9H | BEAM 41M | IP RATING IP54/IK07

Information correct at time of going to press.

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IL-425R | FOLDING INSPECTION LIGHT

- 425 lumen white COB LED, 6500k
- Secondary rear 150 lumen white SMD LED, 6500k
- Extra top torch - 80 lumen SMD LED, 6500k
- Ultra lightweight compact pocket size
- 180° vertical folding head
- Super tough aluminium & nylon construction
- Useful pocket clip
- Super strong magnetic base
- IK07 shock resistant - 2m drop resistant
- High quality 1100mAh li-ion battery
- Low battery 3x warning flash - reminds when charging is needed
- Quick 1A USB-C charging - 3 hour charge time
- 1m high quality USB-C cable included

BATTERY 3.7v 1100mAh Li-ion
WEIGHT 105g
DIMENSIONS folded 147 x 33.5 x 21 mm
 extended 279 x 33.5 x 21 mm

LUMEN 425LM | RUNTIME 3-6.5H | BEAM 31M | IP RATING IP20/IK07



NL-350R | RECHARGEABLE NECK LIGHT

- High quality 350 lumen 6500k white SMD LEDs
- Super lightweight, adjustable and comfortable
- 2 light heads can be adjusted independently
- Super tough polycarbonate & ABS construction
- Up to 120° wider lighting angle
- IK07 Shock proof - 2m drop resistant
- IP54 Dust & water resistant
- Circuit protection prevents battery from over-charging or over-discharging
- High quality 3.7v 700mAh Li-ion battery
- 3 colour LED battery level indicator
- Charging indicator - Green flash: Charging / Green: Fully Charged
- Low battery 3x warning flash - reminds when charging is needed
- USB-C charging cable included - quick 2½ hour charge time

BATTERY 3.7v 700mAh Li-ion
WEIGHT 140g
DIMENSIONS 230 x 150 x 23mm

LUMEN 350LM | RUNTIME 2-10H | BEAM 45M | IP RATING IP54/IK07



NEW
PRODUCT



WL-450R | DUAL BEAM COMPACT WORK LIGHT

- 450 Lumen 7W white 6500K COB LED
- Additional 450 lumen 3W 6500K CREE LED spot beam with magnifying collimator lens for long distance beam
- Ultra tough nylon & TPR construction
- 360° Rotating stand/handle with super strong magnets
- Memory switch - remembers last mode used
- IP65 Dust & water resistant
- IK07 Shock proof - 2M drop resistant
- Powerful 3.7v 1500mAh Li-polymer battery
- Battery level & charging indicator LED under the switch
- Fast 3A USB-C charging - 2.5 hour charge time
- Supports quick 'USB PD' Charging
- 1m high quality USB-C cable included

BATTERY 3.7v 1500mAh Li-po
WEIGHT 145g
DIMENSIONS 69.5 x 34.1 x 85.7mm

#BUILTTOUGH

LUMEN 450LM | RUNTIME 2.5-6H | BEAM 34M | IP RATING IP65

Information correct at time of going to press.



K-550 | COMPACT MINI WORK LIGHT

- 550 Lumen 5.7W white 6500K COB LED
- Press & Hold Turbo mode with additional red modes - 6 different lighting modes
- Ultra tough nylon & polycarbonate construction
- Super compact and lightweight size
- 160° Rotating stand with strong magnet
- Smart Memory - remembers last mode used
- Glow-in-the-Dark strip around led
- Comes with a carabiner and handy storage bag
- IPX6 water proof
- Powerful 3.7v 1200mAh li-polymer battery
- Useful battery level & charging indicators
- Fast 1A USB-C charging - 1.5 hour charge time
- 30cm USB-C charging cable included

BATTERY 3.7v 1200mAh Li-po
WEIGHT 74g
DIMENSIONS 54 x 28 x 60mm

*550 lumen is Turbo mode and operates by 'press & hold' switch with 1 hour total runtime. High mode is 375 lumen with 3 hour runtime.

#BUILTTOUGH

LUMEN 450LM | RUNTIME 2.5-6H | BEAM 34M | IP RATING IP65



MTB-5300 | MULTI BATTERY HYBRID WORK LIGHT

- 5300 lumen 50W 6500K COB LED
- Dual Power - rechargeable & mains powered
- Takes up to 20V 6.0Ah batteries from Milwaukee, De Walt, Makita & Metabo - 4 adapters included
- Secure battery compartment cover (note: larger 6.0Ah batteries may need to be used without cover)
- Super tough heavy duty nylon construction
- Easy carry rubber grip handle
- Rotating stand with holes for attaching tripod/magnet
- 4 x dim settings: 650 / 1350 / 2700 / 5300 lumen
- Memory Switch - remember last mode used
- Safety automatic switch-over from mains to battery in the event of power failure
- 2A USB Powerbank - works with any battery Installed
- 4 x Battery level & charging indicators
- Comes with 5 metre heavy duty 24V-2.7A H05RN-F charger/power lead (includes UK, EU, US & AU plugs)
- Unilite 14.8V 5.2Ah battery available to purchase separately (NOTE: Only Unilite battery can be charged via the lamp)

BATTERY Not included, bare tool
WEIGHT 1250g
DIMENSIONS W 238 x H 257 x D 181mm

NOTE: runtimes based on Unilite 5.2Ah battery

#BUILTTOUGH

LUMEN 5300LM | RUNTIME approx 2.5-16H | BEAM 95M | IP RATING IP65/IK07



HL-8R | DUAL BEAM SENSOR HEADTORCH

- 475 lumen white SMD LEDs, 6500k
- 2 x Side SMD LEDs for wide flood lighting
- 250 lumen SMD LED for long distance spot beam
- Sensor mode for hands-free operation
- Super tough construction with rubberised coating
- IK07 shock resistant
- IP65 dust & water resistant
- 1m impact resistant
- 60° rotational head
- Fully adjustable non-slip silicone lined headband
- Red-to-Green charging indicator light
- Fast 1A USB-C rechargeable – 2.5 hours charge time
- 1m USB-C charging cable included

BATTERY 3.7v 1500mAh Li-Polymer
WEIGHT 111g
DIMENSIONS headtorch 47.5 x 78.5 x 46mm

#BUILTTOUGH

LUMEN 475LM | **RUNTIME** 4-35H | **BEAM** 90M | **IP RATING** IP65/IK07



HL-4R | USB HELMET HEADTORCH

- 275 lumen white CREE LED, 6500k
- 2 x 5mm red LEDs for night vision - ON and FLASHING
- Red-to-Green charging indicator
- Easy push micro switch
- 45° rotational head
- Strong ABS housing
- Fully adjustable non-slip silicone headband
- 3M VHB adhesive helmet mount (included)
- 1m impact resistant
- Now Faster 1A USB-C charging - 2.5 hour charge time
- 1m USB-C charging cable included

BATTERY 3.7v 1800mAh Li-Polymer

WEIGHT 78g

DIMENSIONS headtorch 63 x 40 x 42mm

#BUILTTOUGH

LUMEN 275LM | RUNTIME 6.5-170H | BEAM 95M | IP RATING IPX5



PS-HDL2 | HELMET HEADTORCH

- 200 lumen white CREE LED, 6500k
- 4 main functions - HIGH / MED / LOW / SOS FLASHING
- 3 auxiliary function - HIGH / LOW / STROBE FLASHING
- Easy push micro switch
- Ultra-smooth reflector for long distance beamt
- 45° rotational head
- Strong ABS housing
- Fully adjustable non-slip silicone headband
- 3M VHB adhesive helmet mount (included)
- 1m impact resistant
- IPX6 water resistant

BATTERY 3 x 1.5v AAA Energizer Alkaline Batteries (inc.)

WEIGHT 88g (with batteries)

DIMENSIONS headtorch 47 x 62 x 37mm

#BUILTTOUGH

LUMEN 200LM | RUNTIME 5-185H | BEAM 95M | IP RATING IPX6



FL-550R | ALUMINIUM USB FLASHLIGHT

- 550 lumen white Nichia LED, 6500k
- Hard anodized die cast matte aluminium body
- Tactical rubberised micro switch operation
- 3 light mode settings and 8Hz defence strobe
- Flawless smooth reflector for long distance beam
- IP67 dust and waterproof - 1m submersible
- Impact resistant to 1m
- Built-in USB rubberised charging port cover
- Battery level and charging indicator LED
- 1A USB-C charging - fast 2 hours charge time
- High quality USB-C charging cable included
- Nylon velcro holster & safety nylon wrist strap included

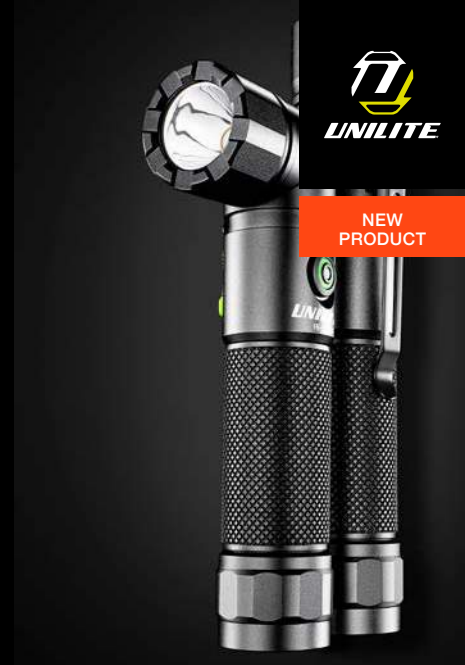
BATTERY 3.7v 800mAh 14500 Li-ion (inc.)

WEIGHT 109g (with battery)

DIMENSIONS 113 x 30 x 30mm

#BUILTTOUGH

LUMEN 550LM | RUNTIME 2.5-21H | BEAM 182M | IP RATING IP67



FR-1200 | DUAL POWER RIGHT ANGLE FLASHLIGHT

- High quality 1200 lumen white LED, 6500k
- Hard anodized die cast matte aluminium body
- Head rotates to 90-degree angle
- Useful pocket clip and strong magnetic base
- Rubberised easy press side switch
- 3 light mode settings
- Flawless smooth reflector for long distance beam
- IP65 dust and water resistant
- Impact resistant to 2m
- Built-in rubberised USB-C charging port
- Battery level and charging indicator under the switch
- Circuit Protection prevents battery from over-charging or over-discharging
- Fast 1A USB-C charging - 2.5 hour charge time
- High quality USB-C charging cable inc. (0.5m)
- Can also work with 2 x CR123A lithium batteries (not inc.)

BATTERY 3.6v 2600mAh 18650 Li-ion (inc.) / or 2 x CR123A batteries (not inc.)

WEIGHT 209g (with li-ion battery) / 161g (without battery)

DIMENSIONS Extended length 160.5 x Ø 30x Ø 27mm

#BUILTTOUGH

LUMEN 1200LM | RUNTIME 3-14H | BEAM 180M | IP RATING IP65

Information correct at time of going to press.

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FR-400 | RIGHT ANGLE USB FLASHLIGHT

- High quality 400 lumen white LED, 6500k
- Hard anodized die cast matte aluminium body
- Head rotates to 90-degree angle
- Useful pocket clip and strong magnetic base
- Rubberised easy press side switch
- 2 light mode settings
- Frosted lens for smoother beam spread
- IP65 dust and water resistant
- Impact resistant to 2m
- Built-in rubberised USB-C charging port
- Battery level and charging indicator under the switch
- Circuit Protection prevents battery from over-charging or over-discharging
- Fast 1A USB-C charging - 2.5 hour charge time
- High quality USB-C charging cable inc. (0.5m)

BATTERY 3.7v 750mAh 10900 Li-ion (inc.)
WEIGHT 90g (with li-ion battery) / 69g (without battery)
DIMENSIONS Extended length 161.5 x Ø 19x Ø 17mm

#BUILTTOUGH

LUMEN 400LM | RUNTIME 2-8H | BEAM 60M | IP RATING IP65



F-1400



NEW
PRODUCT

F2-700

F-1400 | DUAL POWER ALUMINIUM FLASHLIGHT

- High quality 1400 lumen white LED, 6500k
- Hard anodized die cast matte aluminium body
- Tactical rubberised tail switch
- 4 light modes and 8Hz defence strobe
- Flawless smooth reflector for long distance beam
- IP68 dust and waterproof - 1m submersible
- Impact resistant to 2m
- Built-in concealed USB-C charging port
- Battery level and charging indicator LED
- Circuit Protection prevents battery from over-charging or over-discharging
- Fast 1A USB-C charging - 2.5 hour charge time
- High quality USB-C charging cable inc. (0.5m)
- Can also work with 2 x CR123A lithium batteries (not inc.)
- Safety nylon wrist strap included

BATTERY 3.6v 2600mAh 18650 Li-ion (inc.) / or 2 x CR123A batteries (not inc.)
WEIGHT 157g (with li-ion battery) / 109g (without battery)
DIMENSIONS 140 x Ø 30x Ø 25mm

F-2700 | USB ALUMINIUM FLASHLIGHT

- Super bright 2700 lumen white LED, 6500k
- Hard anodized die cast matte aluminium body
- Tactical rubberised tail switch
- 4 light modes and 8Hz defence strobe
- Flawless smooth reflector for long distance beam
- IP68 dust and waterproof - 1m submersible
- Impact resistant to 2m
- Built-in concealed USB-C charging port
- Battery level and charging indicator LED
- Circuit Protection prevents battery from over-charging or over-discharging
- Fast 2A USB-C charging - 3 hour charge time
- High quality USB-C charging cable inc. (0.5m)
- Safety nylon wrist strap included

BATTERY 3.6v 5000mAh 21700 Li-ion (inc.)
WEIGHT 210g (with li-ion battery) / 138g (without battery)
DIMENSIONS 153 x Ø 33x Ø 28mm

#BUILTTOUGH

LUMEN 1400LM | RUNTIME 2.5-23H | BEAM 180M | IP RATING IP68



SG-Y10 | SAFETY GLASSES WITH INDOOR/OUTDOOR LENSES

- Super tough flexible nylon-polymer frame
- 8-Base curved toughened polycarbonate lenses
- Toughened polycarbonate lenses
- Indoor & outdoor mirror lens coating
- With 99% UV A/B/C protection (EN170)
- Anti-scratch & anti-fog lens coatings
- Flexible PC & TPR co-injected side arms
- Rubberised TPR inner arm grips
- TPR non-slip nose grip with reinforced bridge
- Side TPR temple shields with ventilation
- Micro-fibre drawstring storage bag included

LENS MARKINGS

- Lens Filters: 2 (UV EN170) 1.4 (Indoor & Outdoor)
- Optical Class: 1 (high optical quality)
- Lens Coatings: Standard Anti-Scratch & Anti-Fog
- Mechanical risk - Low energy impact - F
- High speed particles at extreme temperatures - T

WEIGHT 33.5g



#BUILTTOUGH

CERTIFICATIONS CE - EN166 / USA - ANSI Z87.1 / AUS/NZ - AS/NZS 1337.1



SG-YFG | SAFETY GLASSES WITH CLEAR LENSES & FOAM GASKET

- Tough flexible polycarbonate frame
- 8-Base curved toughened polycarbonate clear lenses
- Hytrel black back frame with EVA foam gasket
- K & N anti-scratch & anti-fog lens coatings
- 99% UV A/B/C protection (EN170)
- Flexible PC & TPR co-injected side arms
- With side temple ventilation
- Adjustable TPR non-slip nose pads
- Reinforced nose bridge

- Micro-fibre drawstring storage bag included

LENS MARKINGS

- Lens Filters: 2C (UV EN170) 1.2 (Clear)
- Optical Class: 1 (high optical quality)
- Lens Coatings: Anti-Scratch - K Anti-Fog - N
- Mechanical risk: Low energy impact - F
- High speed particles at extreme temperatures - T

WEIGHT 39.5g



#BUILTTOUGH

CERTIFICATIONS CE - EN166 / USA - ANSI Z87.1 / AUS/NZ - AS/NZS 1337.1



SG-YCB | SAFETY GLASSES WITH CLEAR BLUE LIGHT LENSES

- Tough flexible polycarbonate frame
- 8-Base curved toughened polycarbonate lenses
- Clear 420Cut blue light blocking lenses
- Blocks harmful HEV blue light up to 420nm
- K & N anti-scratch & anti-fog lens coatings
- 99% UV A/B/C protection (EN170)
- Flexible PC & TPR co-injected side arms
- Adjustable rubberised non-slip nose pads
- Reinforced nose bridge
- Micro-fibre drawstring storage bag included

LENS MARKINGS

- Lens Filters: 2C (UV EN170) 1.2 (Clear)
- Optical Class: 1 (high optical quality)
- Lens Coatings: Anti-Scratch - K Anti-Fog - N
- Mechanical risk: Low energy impact - F
- High speed particles at extreme temperatures - T

WEIGHT 28.5g



#BUILTTOUGH

CERTIFICATIONS CE - EN166 / USA - ANSI Z87.1 / AUS/NZ - AS/NZS 1337.1



SG-YDS | SAFETY GLASSES WITH DARK SMOKE LENSES

- Tough flexible polycarbonate frame
- 8-Base curved toughened polycarbonate lenses
- Dark smoke lens tinting
- K & N anti-scratch & anti-fog lens coatings
- 99% UV A/B/C protection (EN172)
- Flexible PC & TPR co-injected side arms
- Side temple ventilation
- Adjustable rubberised non-slip nose pads
- Reinforced nose bridge
- Micro-fibre drawstring storage bag included

- LENS MARKINGS**
- Lens Filters: 5 (UV EN172) 2.5 (Dark Smoke)
 - Optical Class: 1 (high optical quality)
 - Lens Coatings: Anti-Scratch - K Anti-Fog - N
 - Mechanical risk: Low energy impact - F
 - High speed particles at extreme temperatures - T

WEIGHT 28g



#BUILTTOUGH

CERTIFICATIONS CE - EN166 / USA - ANSI Z87.1 / AUS/NZ - AS/NZS 1337.1



MT5M2 | HEAVY DUTY TAPE MEASURE

- Heavy duty 5m tape measure with 27mm wide blade
- Ultra high performance nylon coated SUPERBLADE - 5 x extended life
- 2.9m/9.5ft high stand-out blade
- SUPERBLADE withstands durability tests of falling sand particles with 60 litres of salt spray for 100 hours
- Magnetic triple riveted stainless steel dual hook with 1kg suction
- Dual colour double sided imperial & metric blade
- Durable rear pocket clip - wont detach even if screw loosens
- Powerful push lock secures the blade
- Superior internal mechanism provides smooth operation
- Impact resistant TPR covered ABS casing
- Drop tested from 9m

WEIGHT 322g | **DIMENSIONS** H 76.5 x W 79 x D 51.8mm



		S/7	M/8	L/9	XL/10	XXL/11
Longest finger length to cuff	Inches	9	9 ½	10	10 ¼	10 ½
	CM	22.5	24	25	26	27
Palm width at the Knuckles	Inches	3 ¼	3 ½	3 ½	4	4
	CM	8.5	8.75	9	10	10.5

there may be variances in measurements due to hand cutting & stitching

UG-12C4 | HEAVY DUTY CUT-D IMPACT GLOVES

- Cut resistant gloves with full dorsal TPR impact protection
- Flexible lightweight design, TPR weighs less than 60g
- Heavy duty 15-Gauge high-performance polyethylene (HPPE) yarn interwoven with steel and glass fibres for added strength and high cut resistance
- Sandy nitrile half-dip coating offers excellent grip
- TPR is sonic welded to the glove for greater longevity
- Adjustable TPR velcro wrist strap for secure fit
- Synthetic leather stitched cuff for durability
- Touch screen technology
- EN388 mechanical hazard protection: 4X42DP - cut level D
- ANSI/ISEA 138 impact resistant level 2
- ANSI cut resistant level A4
- Available in 5 EU sizes - 7/S, 8/M, 9/L, 10/XL & 11/XXL.

EN388



4X42DP

ANSI



CUT

ANSI/ISEA 138



CERTIFICATIONS EN ISO 21420:2020 | EN388:2016+A1:2018 | ANSI/ISEA 2016 | ANSI/ISEA138:2019



FK3 | HEAVY DUTY FOLDING UTILITY KNIFE

- Heavy duty folding utility knife
- High-carbon 3Cr13 stainless steel blade
- 'Clip point' blade with serrated edge and tapered spine swedge
- Blade spine includes thumb rise for extra grip
- Blade hardness 52-54 HRC
- Assisted one-handed opening with thumb studs
- Easy to operate one-handed 'Liner lock' mechanism
- Ultra tough ergonomic aluminium handle with front Quillion finger guard
- Pocket clip for easy carrying
- Hole in the handle for adding a lanyard

WEIGHT 119.5g | **DIMENSIONS** Length: 198mm



EK5 | HEAVY DUTY FOLDING UTILITY KNIFE

- Heavy duty folding utility knife
- Super high-carbon 7Cr17MoV stainless steel blade with high tensile strength
- 'Sheepsfoot' blade with cable stripper notch
- High blade hardness 56-58 HRC
- Crescent nail pull in the blade spine for easy opening
- Sharpening 'choil' notch at the blade plunge line for easier sharpening
- Durable and easy to operate 'Lockback' mechanism
- Ultra tough ergonomic aluminium handle
- Hole in the handle for adding a lanyard
- Super low-profile at only 10mm thick

WEIGHT 107g | **DIMENSIONS** Length: 182mm



EK5 | HEAVY DUTY FOLDING UTILITY KNIFE

- Heavy duty folding utility knife
- Super high-carbon 7Cr17MoV stainless steel blade with high tensile strength
- 'Sheepsfoot' blade with cable stripper notch
- High blade hardness 56-58 HRC
- Crescent nail pull in the blade spine for easy opening
- Sharpening 'choil' notch at the blade plunge line for easier sharpening
- Durable and easy to operate 'Lockback' mechanism
- Ultra tough ergonomic aluminium handle
- Hole in the handle for adding a lanyard
- Super low-profile at only 10mm thick

#BUILTTOUGH

WEIGHT 107g | **DIMENSIONS** Length: 182mm



UK1 | FOLDING UTILITY KNIFE

- Heavy duty nickel body with ABS and a TPR grip
- 4 x SK5 black steel blades included
- 1 blade installed and 3 replacement blades conveniently stored inside
- Multi-position folding design
- Easy press unlocking button
- Quick release blade change
- Convenient wire/strap cutter slot
- Useful hole for attaching a lanyard
- Accepts most standard utility blades
- Extended size H 175 x W 33 x D 23.5mm

#BUILTTOUGH

WEIGHT 125g | **DIMENSIONS** H 116 x W 41.5 x D 23.5mm



VETO PRO PAC®
TOOL BAGS THAT WORK

The toughest and most versatile tool bag you'll ever own. Maximised tool storage capacity – you will never be short on space. Waterproof base, double stitched, heavy duty plastic coil over sized zips. Industrial strength double nylon stitching. D-Rings: Powder coated steel. Zinc/marine grade stud press studs. Gun metal/marine grade rivets. Wheels, backpacks, open tops, pouches. Aspen Pumps Group are proud to deliver these superb bags designed for the HVAC/R technician.



Photo credit: Top left clockwise: Veto Pro Pac, BassFilmco/Epic Air, @alstoolchannel.

Information correct at time of going to press.

Scan me for the full range of
Veto Bags. [vetopropac.com](https://www.vetopropac.com)





CLASSIC



Tech-Pac

BACKPACK TOOL BAG

Veto Pro Pac's Tech Pac is Veto's first backpack tool bag designed specifically for professional service and commissioning engineers carrying tools, laptops & service checkers. Ideal for the long walks on large sites and inner city calls outs.

- Adjustable padded shoulder straps
- Padded EVA thermoformed, ergonomic back padding
- Pocket for small tablet or laptop/multi purpose
- Internally stored aluminium hook to hang bag
- 46 interior & exterior pockets
- 5 year limited warranty

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** 38 zinc, gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech Pac	AX3501

Model specific specifications

Size mm – w/d/h	305x230x330 (400 with handle)
Weight (empty)	2kg
Storage/pockets	Vertical Tool Pockets: 46 interior and exterior tool pockets of various sizes. 2 Storage Bays – 4 Storage Platforms
Max. Payload	23kg
Internal volume	25L
D-Rings	4 large and 5 small
S/S Tape clip	✓
Plus	Quick release metal hasp



CLASSIC



Tech-Pac MC

COMPACT SERVICE TECH TOOL BACKPACK

- 39 Interior and exterior pockets
- Neoprene meter pockets
- Interior magnetic screw catcher
- 2 Storage bays – 4 storage platforms
- Padded eva foam back pad
- Waterproof polypropylene plastic base
- For moisture and abrasion protection
- Quick release metal hasp, allows easy access to
- Rear storage bay & positive connection to bag body
- 5 year limited warranty

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech-Pac MC Tool Bag	AX3518
Model specific specifications	
Size mm – w/d/h	305x230x430
Weight (empty)	3.5kg
Storage/pockets	39
Max. Payload	16kg
Internal volume	18L
S/S Tape clip	✓
Plus	Quick release metal hasp



CLASSIC



MC

TOOL BAG

The MC tool bag is small, lightweight and perfect tool organizer for troubleshooting, diagnostics and job specific setups and offers 20 interior and exterior pockets for handling tools, meters, and a compact cordless drill/driver compartment.

- Vertical Tool Pockets: 20 interior and exterior
- D-Rings: 2 large and 5 small
- Meters and compact cordless drill/driver compartment

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** 38 zinc, gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
MC Tool Bag	AX3506
Model specific specifications	
Size mm – w/d/h	305x230x330 (400 with handle up)
Weight (empty)	2kg
Storage/pockets	20
Max. Payload	14kg
Internal volume	11L
S/S Tape clip	✓
Plus	Quick release metal hasp

Information correct at time of going to press.

Photo credit: @r/Tools, Reddit



CLASSIC



Tech-MCT

COMPACT / TALL TOOL BAG

Compact, yet fully featured service, repair or installation tool organiser that features everything you have come to expect from Veto Pro Pac's patented center panel, heavy duty construction and stabilizing injection molded waterproof base that keeps tools dry, even in the nastiest of conditions.

- Vertical Tool Pockets: 20 interior and exterior
- D-Rings: 2 large and 5 small
- Meters and compact cordless drill/driver compartment

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech MCT Open Tool Bag	AX3513
Model specific specifications	
Size mm – w/d/h	305x215x355
Weight (empty)	2.25kg
Storage/pockets	44 vertical interior and exterior. 2 Storage Bays- Hand Tools on one side; Meter and Drill Storage on the other side; 2 Neoprene Pockets on Meter Side
Max. Payload	14kg
Internal volume	13L
D-Rings	2- 2" and 5- 1"
S/S Tape clip	✓



CLASSIC



Tech-XL

TOOL BAG

The Tech-XL is the technician version of Veto Pro Pac’s award winning XL tool bag. The TECH-XL tool bag sports 80 pockets with ample pocket room for hand tools, parts boxes, meters, a cordless impact drill and other bulkier items. 9 small neoprene pockets have been added for drill bits and bit extensions.

- Extra-Wide, Heavy Duty, Padded Shoulder Strap Clips onto Handle

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech-XL Tool Bag	AX3503
Model specific specifications	
Size mm – w/d/h	420x240x380
Weight (empty)	4kg
Storage/pockets	80 vertical interior and exterior pockets of various sizes; Neoprene Pockets: 2 Large, 3 Medium and 9 Small (for bits or memory sticks)
Max. Payload	20kg
Internal volume	27L
D-Rings	4 large and 5 small
S/S Tape clip	✓
Plus	8" Electrical Tape Strap

Information correct at time of going to press.

Photo credit: @epicveto



CLASSIC



TP-XXL

EXTRA LARGE TOOL POUCH

A closable extra-large sized tool pouch designed with integral side mounted padded meter pockets. Each zippered meter pocket will securely fit meters up to 260mm x 90mm x 50mm. The TP-XXL can be customized to hold a variety of tools, meters, fasteners, small tablet computer (rear pocket can accommodate tablet up to 9" x 11"), and various other gear.

- Includes rear tablet pocket & 2 Padded Meter Pockets
- "Hang-Up" Hook- Accessible While Open & Closed
- Over-Molded Rubber Grip
- Padded Shoulder Strap

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
TP-XXL Tool Pouch	AX3579
Model specific specifications	
Size mm – w/d/h	305x215x80 (560 with handle up)
Weight (empty)	14kg
Storage/pockets	46 total exterior and interior pockets; V-Swap™ Removable Tool Pocket Panel System; Includes rear tablet pocket & 2 Padded Meter Pockets
Max. Payload	14kg
Internal volume	12L
D-Rings	2- 2" and 5- 1"
S/S Tape clip	✓



Tech OT-MC

OPEN TOP TOOL BAG

The Tech OT-MC tool tote bag is an open-top tool storage optimiser. This compact, open-top tool bag contains an internal plastic box that includes a repositionable insert box with non-magnetic lid to allow for customizing your tool storage needs. The Tech OT-MC also features multiple vertical tool pockets for quick and easy access..

Description	Part No.
Tech OT-MC Tool Bag	AX3514
Model specific specifications	
Size mm – w/d/h	330x265x305
Weight (empty)	2.5kg
Storage/pockets	28 Interior & Exterior Pockets
Max. Payload	14kg
Internal volume	10.5L
S/S Tape clip	✓

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Information correct at time of going to press.

Photo credit: BassFilmco/Epic Air



CLASSIC



OT-XL

OPEN TOP TOOL BAG

Enter the Open Top version of our award winning XL tool bag. It's the perfect king-sized, all-purpose tool storage bag for those fill 'em up and go situations.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
OT-XL Tool Bag	AX3543
Model specific specifications	
Size mm – w/d/h	46x29x32
Weight (empty)	4kg
Storage/pockets	Vertical Tiered Tool Pockets: 40 Flat Zippered Pockets: 4
Max. Payload	18kg
Internal volume	22L
D-Rings	2 large and 4 small
S/S Tape clip	✓



CLASSIC



Tech OT-LC

TOOL BAG

The Tech OT-LC is a large capacity wide open tote with removable/ swappable vertical pocket panels. This bag comes with the 10 and 15-pocket tool panels and a bulk storage panel, and it also includes the large center box with two repositionable partitions and a removable insert box with a magnetic lid. The TECH OT-LC contains additional open space that can be reoriented, accommodating multiple tools & gear for a variety of tasks. Additional panels, partitions and insert boxes are available for purchase below.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech OT-LC Tool Bag	AX3580
Model specific specifications	
Size mm – w/d/h	405x305x305
Weight (empty)	3.5kg
Storage/pockets	38 Available Pockets; V-Swap™ Removable Tool Pocket Panel System; Optional Bulk Panel Storage Included; 2 Movable Plastic Partitions; Holds Up To 4 Removable Insert Boxes; 1 Magnetic Lid and Insert Boxes; Exterior Utility Pocket
Max. Payload	18kg
Internal volume	15.5L
D-Rings	2 large and 4 small
S/S Tape clip	✓

Information correct at time of going to press.

Photo credit: @epicveto



CLASSIC



MB5B Tester Bag

TOOL BAG

The MB5B Tester Bag is an extra large and highly-configurable front accessed bag designed for a Multifunction Tester (MFT). Once the bag is loaded out, it can be worn over both shoulders using the included backpack straps, over a single shoulder using the optional padded shoulder strap (sold separately), or at your side with over-molded gripped handle. Finally, the bag features an additional 8 pockets on the front flap as well as a padded tablet computer pocket on the back.

- Rear padded tablet computer pocket: 11”(h) x 10” (h) x 1” (d)
- Detachable/optional backpack straps
- V-Swap™ removable component system - choose from several included or optional panels

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
MB5B Tester Bag	AX3663

Model specific specifications

Size mm – w/d/h	46x29x32
Weight (empty)	4kg
Storage/pockets (additional V-Swap panels can be purchased separately)	21 exterior tool pockets; 2 padded side-mounted meter or tool repositionable pockets; Rear padded tablet computer pocket: 11”(H) x 10” (W) x 1” (D); Removable storage box & adjustable height shelf for a Multifunction Tester; 2 x 20cm magnetic parts bags for leads and fittings; V-Swap Large Side Pocket Inserts; MFT Accessory Box; V-Swap Front Padded Panel; V-Swap Rear Padded Panel; PB2-8 MAG Parts Bags
Max. Payload	20kg
Internal volume	14L
D-Rings	2 large and 4 small
S/S Tape clip	✓
‘Hang-up’ hook	✓ accessible while open and closed
Plus	8” Electrical Tape Strap

Information correct at time of going to press.

Photo credit: @epicveto



BLACKOUT



Tech Pac MC Special Ops

BACKPACK TOOL BAG – WITH 2 PARTS BAGS

Combining the tactical look of our Blackout bags with the practicality of bold Hi-Viz accents, the TTech Pac MC Special Ops also includes black reflective tape for enhanced visibility. The Tech Pac MC SPECIAL OPS, with the industry-best capabilities of our Tech Pacs, also includes the addition of two Hi-Viz PB5 parts bags.

- Padded EVA foam back pad
- Subtle 'Black Reflective' elements & bold Hi-Viz Yellow accents
- 2 PB5 HI-VIZ Parts bags included

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech Pac MC Special Ops (inc. 2 Parts Bags)	AX3623
Model specific specifications	
Size mm – w/d/h	305x230x430 (480m with handle up)
Weight (empty)	3.5kg
Storage/pockets	39 Interior and Exterior pockets; 2 PB5 HI-VIZ Parts bags included; Neoprene meter pockets; Interior magnetic screw catcher; 2 storage bays – 4 storage platforms
Max. Payload	16kg
Internal volume	18L
S/S Tape clip	✓



Scan me for the full range of Veto Bags.
vetopropac.com

Information correct at time of going to press.

Photo credit: @rdaviselectrical



BLACKOUT



Tech-Pac Blackout

BACKPACK TOOL BAG

The Tech Pac Blackout is a blacked-out tool backpack for tool storage based on our Tech Pac but with Veto Pro Pac's V-Swap™ system that comes with front and back removable tool and meter pocket panels which are also exchangeable.

Note: This bag comes with the tool and meter panel. You do not have to select any panels for the bag to come with the tool and meter panels though you may purchase additional panels to offer a variety of configurations. Visit website for further details.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech-Pac Blackout Tool Bag	AX3561

Model specific specifications

Size mm – w/d/h	330x250x495 (560 with handle up)
Weight (empty)	5.5kg
Storage/pockets	Vertical Tool Pockets: 46 interior and exterior tool pockets of various sizes; Upper Pockets (Front Side) Designed For Extra Tool Capacity; Swap-Out Tool Panels- Front and Back Tool Panels are removable and exchangeable; Laptop Panel Available as an accessory (must be purchased separately) 2 Storage Bays- 4 Storage Platforms; Manifold Gauge and Hose Storage Pocket
Max. Payload	23kg
Internal volume	25L
D-Rings	4 large and 5 small
S/S Tape clip	✓
Plus	8" Electrical Tape Strap



BLACKOUT



TP-XXL Blackout

TOOL POUCH

The TP-XXL Blackout is a closable extra-large tool pouch designed with integral side mounted padded meter pockets. Each zippered meter pocket will securely fit meters up to 10" (260mm) x 3.5" (90mm) x 2" (50mm). The all-black tactical construction of the Blackout edition discretely conceals additional V-Swap capabilities. V-Swap panels inside the TP-XXL Blackout enable the removal of all internal pockets to create a custom layout, easy clean-out and/or the storing of larger equipment in addition to a variety of tools, meters, fasteners, small tablet computer.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
TP-XXL Blackout Tool Bag	AX3654

Description	Part No.
Tech-Pac Blackout Tool Bag	AX3561

Model specific specifications

Size mm – w/d/h	380x205x380 (560 with handle up)
Weight (empty)	3.25kg
Storage/pockets	47 available pockets; V-Swap™ removable tool pocket panel system; Includes rear tablet pocket (11x9") & 2 padded meter pockets; Additional panels are available and sold separately.
Max. Payload	14kg
Internal volume	12L
S/S Tape clip	✓
'Hang-up' hook	✓ accessible while open and closed
Plus	8" Electrical Tape Strap

Information correct at time of going to press.

Photo credit: @epicveto



BLACKOUT



Tech Pac MC Blackout

TOOL BAG

The Tech Pac Blackout is a blacked-out tool backpack for tool storage based on our Tech Pac but with Veto Pro Pac's V-Swap™ system that comes with front and back removable tool and meter pocket panels which are also exchangeable.

Note: This bag comes with the tool and meter panel. You do not have to select any panels for the bag to come with the tool and meter panels though you may purchase additional panels to offer a variety of configurations. Visit website for further details.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech Pac MC Blackout Tool Bag	AX3582
Model specific specifications	
Size mm – w/d/h	330x250x495 (560 with handle up)
Weight (empty)	5.5kg
Storage/pockets	Vertical Tool Pockets: 46 interior and exterior tool pockets of various sizes; Upper Pockets (Front Side) Designed For Extra Tool Capacity; Swap-Out Tool Panels- Front and Back Tool Panels are removable and exchangeable; Laptop Panel Available as an accessory (must be purchased separately) 2 Storage Bays- 4 Storage Platforms; Manifold Gauge and Hose Storage Pocket
Max. Payload	23kg
Internal volume	25L
D-Rings	4 large and 5 small
S/S Tape clip	✓
Plus	8" Electrical Tape Strap

Information correct at time of going to press.

Photo credit: @epicveto



BLACKOUT



Tech MCT Blackout

WITH TOOL & METER PANELS

The Tech-MCT Blackout Tool Bag comes with Veto Pro Pac's V-Swap™ **removable and exchangeable** Tool and Meter Panels. To customize your panel choices from the start (instead of the tool and meter panels), click the Build-Out circle below and visit the Tech-MCT Blackout Build-out page.

Note: This bag comes with the tool and meter panel. You do not have to select any panels below for the bag to come with the tool and meter panels though you may purchase additional panels to offer a variety of configurations. Visit website for further details.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech MCT Blackout with Tool & Meter Panels	AX3600

Model specific specifications

Size mm – w/d/h	305x215x355 (430 with handle up)
Weight (empty)	5.5kg
Storage/pockets	44 Interior & exterior pockets of varying sizes; Neoprene Pockets for Meters/Testers; Holds over 50 hand tools; Includes tool & meter panels; alternate V-Swap™ panels available and sold separately
Max. Payload	16kg
Internal volume	13L
D-Rings	4 large and 5 small
S/S Tape clip	✓

Information correct at time of going to press.

Photo credit: @epicveto



BLACKOUT



TP-XD Blackout

TOOL POUCH

The TP-XD Blackout is a one-sided, closable, compact-sized tool pouch featuring Veto Pro Pac's proprietary V-Swap™ system, enabling job specific customization. The larger capacity and zippered cover of the TP-XD Blackout provide greater weather and dust protection for techs needing a compact bag for service calls requiring just the right amount of tools.

- The TP-XD Blackout comes with a Front Tool Panel, Tool Panel and 2 & 4 bit panels.

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
TP-XD Blackout	AX3630
Model specific specifications	
Size mm – w/d/h	280x200x340 (530 with handle up)
Weight (empty)	3kg
Storage/pockets	Tactical all-black construction; 7 external tool pockets; Backside tablet pocket; V-Swap™ removable tool pocket panel system; up to 24 internal pockets, Magnetic screw catcher
Max. Payload	14kg
Internal volume	25L
'Hang-up' hook	✓ accessible while open and closed

Information correct at time of going to press.

Photo credit: @epicveto



WHEELERS



Tech Pac Wheeler

WHEELED TOOL BAG

The Tech Pac Wheeler is a rolling version of the best-selling Tech Pac backpack tool bag. Featuring additional volume capacity & Veto Pro Pac's proprietary V-Swap™ system that offers the back meter panel to be swapped out with optional laptop or bulk storage panels (both sold separately), the Tech Pac Wheeler provides a versatile tool transport system functioning as both a wheeled and backpack tool bag.

- Optional & stowable backpack shoulder harness
- Thermoformed cushioned EVA back pad

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech Pac Wheeler Tool Bag	AX3560
Model specific specifications	
Size mm – w/d/h	355x280x530 (610 with handle up)
Weight (empty)	7kg
Storage/pockets	Tactical all-black construction; 7 external tool pockets; Backside tablet pocket; V-Swap™ removable tool pocket panel system; up to 24 internal pockets, Quick release metal hasp supports load & allows easy access to rear storage bay Magnetic screw catcher
Max. Payload	2kg
Internal volume	33L
Plus	8" Electrical Tape Strap

Information correct at time of going to press.

Photo credit: @epicveto



WHEELERS



Tech XL Wheeler

WHEELED TOOL BAG

The Tech-XL Wheeler is a rolling version of the tried and true Tech-XL tool bag. Featuring additional volume capacity and Veto Pro Pac's proprietary V-Swap™ system, the bag comes with innovative V-Swap™ removable Tool (mandatory) and Meter pocket panels to allow for customization.

Note: The Tool panel must remain inside the bag. The Meter panel is easily swapped out with optional Laptop and Bulk Storage panels, (sold separately).

- Waterproof Polypropylene plastic base with integral 5"(13cm) wheels and trolley system
- Thermoformed protective backside with hinged rub rails

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Photo credit: Brian Silva @hvacr_mech_life

Information correct at time of going to press.

Description	Part No.
Tech XL Wheeler	AX3618
Model specific specifications	
Size mm – w/d/h	510x320x480 (570 with handle up)
Weight (empty)	8kg
Storage/pockets	Interior grey pockets for better visibility. Large front & back zippered storage bays keep tools safe & secure; 85 interior and exterior tool pockets of varying sizes; Front tool panel includes removable sub-panels for interior customization and storing of larger tools; Magnetic screw catchers
Max. Payload	45kg
Internal volume	41L
Plus	8" Electrical Tape Strap

Photo credit: @epicveto



WHEELERS



Tech LCT Wheeler

WHEELED TOOL BAG

The Tech-LCT Wheeler is a rolling version of the tried and true Tech-LC tool bag, but with an extra 2 inches of vertical height for storing longer tools.

- Waterproof Polypropylene plastic base with integral 5”(13cm) wheels and trolley system
- Thermoformed protective backside with hinged rub rails

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene.
Weatherproof body fabric: 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
Tech LCT Wheeler Tool Bag	AX3647
Model specific specifications	
Size mm – w/d/h	430x320x530 (620 with handle up)
Weight (empty)	8.6kg
Storage/pockets	Interior grey pockets for better visibility. Large front & back zippered storage bays keep tools safe & secure; 61 interior and exterior tool pockets of varying sizes; V-SWAP™ removable tool pocket panel system with alternate tool panels available & sold separately; Front tool panel includes removable sub-panels for interior customization and storing of larger tools
Max. Payload	41kg
Internal volume	39L
Plus	8” Electrical Tape Strap

Information correct at time of going to press.

Photo credit: @someguywithtools



EVERYDAY
CARRY



EDC PAC LCB Olive

EVERYDAY BACKPACK TOOL BAG

Designed as an everyday carry backpack. Just like the Tech Pac, the EDC PAC LCB is built with durability and stability in mind. Open compartment perfect for supplies, gear and other everyday essentials. A separate semi-rigid zippered compartment at the top is designed for protecting sunglasses or safety glasses. Two additional zippered front pockets offer several organizational compartments. In back is a dedicated laptop compartment with a padded sleeve that can accommodate 15" laptops and some 17" laptops.

- Available in two colours – Olive and Carbon
- Waterproof Polypropylene plastic base with integral 5" (13cm) wheels and trolley system
- Trolley handle pass-through

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Description	Part No.
EDC PAC LCB Olive	AX3656

Model specific specifications

Size mm – w/d/h	510x320x480 (570 with handle up)
Weight (empty)	8kg
Storage/pockets	36 interior and exterior pockets; Expandable side pockets for water bottles and other items; Separate padded laptop compartment with tablet sleeve
Max. Payload	45kg
Internal volume	41L
D-Rings	Multiple D-Ring lashing points and Molle loops
Plus	8" Electrical Tape Strap



EVERYDAY
CARRY



EDC PAC LCB Carbon

EVERYDAY BACKPACK TOOL BAG

Designed as an everyday carry backpack. Just like the Tech Pac, the EDC PAC LCB is built with durability and stability in mind. Open compartment perfect for supplies, gear and other everyday essentials. A separate semi-rigid zippered compartment at the top is designed for protecting sunglasses or safety glasses. Two additional zippered front pockets offer several organizational compartments. In back is a dedicated laptop compartment with a padded sleeve that can accommodate 15" laptops and some 17" laptops.

- Available in two colours – Olive and Carbon
- Waterproof Polypropylene plastic base with integral 5"(13cm) wheels and trolley system
- Trolley handle pass-through

Rugged materials & construction

Waterproof base: 3mm Injection molded Polypropylene. **Weatherproof body fabric:** 950 and 1250 PVC Impregnated denier fabric. **Weatherproof tool pocket fabric:** 1800 PVC Impregnated denier fabric, **Quick release metal hasp:** Easy access to rear storage bay and creates positive shoulder strap load connection. **Handle:** Injection molded nylon plastic with over-molded rubber grip. **YKK® Zips:** Double stitched, heavy duty plastic coil zips with oversized zip tabs. **Press studs:** 6 zinc, marine grade. **D-Rings:** Powder coated steel. **Rivets:** Gun metal/marine grade rivets. **Stitching:** Industrial strength double nylon stitching.

Information correct at time of going to press.

Description	Part No.
EDC PAC LCB Carbon	AX3655

Model specific specifications

Size mm – w/d/h	510x320x480 (570 with handle up)
Weight (empty)	8kg
Storage/pockets	36 interior and exterior pockets; Expandable side pockets for water bottles and other items; Separate padded laptop compartment with tablet sleeve
Max. Payload	45kg
Internal volume	41L
D-Rings	Multiple D-Ring lashing points and Molle loops
Plus	8" Electrical Tape Strap

Servicing & Calibration

FOR OPTIMUM PERFORMANCE WHILST ADDING YEARS TO YOUR TOOLS

Here at JAVAC we understand the importance of regularly maintaining vacuum and refrigeration equipment. That is why we offer full servicing on all JAVAC products and many other brands of equipment. Our Service Technicians are also available to answer any questions.

Goods can be sent to JAVAC using the following repair/inspection product codes (speak to your wholesaler). 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.

Services include...

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 (certificate available on request).







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PUMPS
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