

TEKEDGE

PRODUCT CATALOG



Professional tools for the
HVAC/R technician



part of ASPEN PUMPS GROUP

TEKEDGE

A US manufacturer of valves, tools and fittings, C&D/TekEdge is a well-established business with a strong reputation in the HVAC/R sector. Established in 1967 in Oklahoma City, C&D/TekEdge continues to offer unrivalled product quality and service.

Acquired in 2023 by Aspen Pumps Group, a leading global manufacturer of air conditioning and refrigeration aftermarket products, C&D/TekEdge marks an important step in Aspen's US manufacturing and sales capabilities.

Investment in the C&D proposition is highlighted this year with an expanded and innovative product offer. Many of the products surpass current US market requirements, all of which are supported by a blue-chip national customer base and an established national sales network.

Thank you for your interest in our products
for further information please get in touch...



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TEKEDGE

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Velo-X Twin Recovery Unit



KEY FEATURES

- High recovery rates
- Lightweight
- R32 / R1234YF / HFC / HCFC / CFC / HFO / A2L / A3
- Oil free compressor
- 16.4ft (5m) hard wired cable & spark-proof switch
- 2 year warranty

Part No.	TER-100-A2L
Suitability	All standard A2L and A3 applications
Specification	
Power Supply	Universal Voltage 100-240VAC 50/60Hz
Motor Power	1.25 HP
Motor Type	Variable Speed Brushless DC, 1500-3000 RPM
Maximum Current	12.0 amps
Compressor Type	2 Cylinder Oil-less Reciprocating, Air Cooled
High Pressure Cutout (Manual Reset)	550 PSIG
Operating Temperature Range	32°F (0°C) to 120°F (49°C).
Dimensions	14 1/2" x 9 1/2" x 13" (370mm x 245mm x 325mm)
Weight	24.5 lbs

Refrigerant	Direct Vapor	Final Recovery Vacuum Level	Direct Liquid	Push-Pull Liquid	High Temp. Vapor Rate
R22	0.71 lb/min	10 inHg	9.03 lb/min	12.39 lb/min	0.71 lb/min
	0.32 Kg/min	33.9 KPa	4.10 Kg/min	5.58 Kg/min	0.32 Kg/min
R134a	0.57 lb/min	10 inHg	6.61 lb/min	9.66 lb/min	
	0.26 Kg/min	33.9 KPa	3.00 Kg/min	4.38 Kg/min	
R410a	0.71 lb/min	10 inHg	9.70 lb/min	14.02 lb/min	
	0.32 Kg/min	33.9 KPa	4.40 Kg/min	6.36 Kg/min	

TER-1 Refrigerant Recovery Unit



KEY FEATURES

- Oil-less compressor technology
- Lightweight 19lb machine
- Purge valves to prevent cross contamination of refrigerants
- High torque brushless DC Motor
- Built-in electronic control for motor protection
- Manual high pressure cut-out switch, 550 PSIG
- Highly visible low and high side pressure gauges
- Serviceable inlet filter screen
- Sealed crank case with equalizer channel
- Wobble piston design with serviceable piston seals
- Direct liquid or vapor recovery positions on the IN valve
- R410A compatible
- Certified to the latest AHRI740 standard

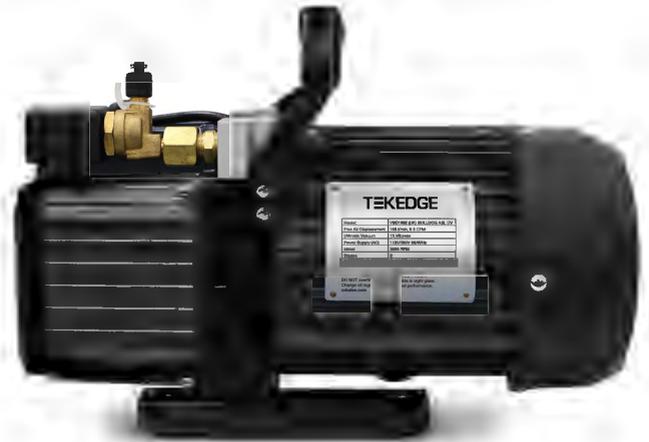
Model	TER-1 (115V)	
Refrigerants	AHRI740 Class III (120 - 169 PSIG @ 105°F Liquid Saturation)	R12, R134a, R401C, R406A, R500
	AHRI740 Class IV (170 - 269 PSIG @ 105°F Liquid Saturation)	R22, R401A/B, R402B, R407C/D/E/F, R408A, R409A, R411A/B, R412A, R502, R509A
	AHRI740 Class V (270 - 355 PSIG @ 105°F Liquid Saturation)	R402A, R404A, R407A/B, R410A/B, R507A
Power supply	100-120 VAC 50/60Hz	
Motor	3/4 HP	
Motor Type	Variable Speed Brushless DC, 1800-2300 RPM	
Maximum current	8.0 AMPS	
Compressor Type	1 Cylinder Oil-less Reciprocating, Air Cooled	
High Pressure Cutout (Manual Reset)	550 PSIG	
Operating Temperature Range	32°F to 120°F	
Dimensions	13.75" x 8.75" x 11.75" (349 x 222 x 298 mm)	
Net Weight	19.0 lbs (8.6 kg)	



Evaluated for performance in accordance with
Sec. 608 of the Clean Air Act (Feb 29, 1996) using
VERIFIED AHRI-740-2016 test methods



Bulldog A2L /A3 Vacuum Pump



KEY FEATURES

- Solid and robust construction
- Dual-oil demister to prevent mist and smoke
- Double stage, dual voltage vacuum pump
- Isolation solenoid valve
- Two stage oil sealed vacuum pump
- Sparkproof! UL listed ignition protected switches
- 2 year warranty

Part No.	TEP-162BD-A2L
Suitability	All standard A2L and A3 applications
Specification	
Stage	Double
CFM	156 l/min, 5.5 CFM
Ultimate vacuum	15 microns
Free air displacement (CFM, l/m)	5.5 / 156
Power supply	Dual Voltage 115-230V, 60Hz
Motor size	3440 rpm
Power cord	Glanded
Oil capacity (ml)	15 fl.oz (450 ml)
Oil Operating Temperature	122-158°F (50-70°C)
Ambient* Operating Temperature	50-140°F (10-40°C)
Oil Type	Cool/Mild 41-86°F (5°C-30°C) Warm/Hot 77-104°F (25°C-40°C)
Intake fittings	1/4" SAE, 3/8" SAE
Weight	27.5 lbs (12.5 kg)
Dimensions	133" x 83" x 94" (338 x 212 x 238mm)

Elite Flow Series A2L/A3



KEY FEATURES

- Spark proof, double stage, dual voltage vacuum pumps
- High performance A2L range
- Sparkproof switches
- Hard wired 16.4ft (5m) lead
- Dual voltage
- Solenoid valve
- Easy access oil drain
- 2 year warranty

Description	Elite Flow 1.5 A2L/A3	Elite Flow 5 A2L/A3	Elite Flow 9 A2L/A3
Model / Part No.	TEP-310-A2L	TEP-141-A2L	TEP-231-A2L
Suitability	All All standard A2L and A3 applications		
Specification			
Stage		Double	
CFM	40 / 1.4	151 / 5.3	251 / 8.9
Ultimate vacuum (microns)		15	
Free air displacement (CFM, l/m)	1.4 / 40	5.3 / 151	8.9 / 251
Power supply		115-230V, 60Hz	
Motor size HP	1/4	1/2	2/3
Power cord connection to pump		IEC	
Oil capacity	4.7 fl.oz. (140 ml)	18.2 fl.oz. (540 ml)	20.9 fl.oz. (620 ml)
Intake fittings		1/4 SAE, 3/8 SAE and 1/2 ACME	
Weight	9.9 lb (4.5 kg)	24.2 lb (11 kg)	32.6 lb (14.8 kg)
Dimensions	10 x 4 1/8" x 8 3/4" (265 x 105 x 220 mm)	14" x 5 1/2" x 11" (348 x 140 x 272 mm)	15" x 6 1/4" x 11 1/4" (380 x 160 x 285 mm)

TEP-5D 2-Stage Dual Voltage Vacuum Pump



KEY FEATURES

- 2-stage dual voltage
- Integrated body structure
- Large sight glass
- Increased area for heat dissipation
- Low oil level
- Force feed oil design
- 1 year warranty
- For use with TekEdge Vacuum Pump Oil



Model	TEP-5D	
Voltage	110v/60Hz	220v/50Hz
Flow Rate	CFM	5.0 CFM
	L/min	142 L/min
Ultimate Vacuum	Pa	2x10 ⁻¹ Pa
	mbar	0.003 mbar
	Microns	15 microns
Motor	1/2 HP	
Intake Fitting	1/4" and 3/8" Flare	
Oil Capacity	11 oz (325 ml)	
Dimensions	13.3" x 5.4" x 9.8" (338 x 138 x 249 mm)	
Net Weight	23 lbs (10.5 kg)	

Part No.	TEP-5D
Replacement Parts TEP-5D	Part No.
Fan cover	PRP-001
Handle with cover and nut	PRP-002
Oil fill cap	PRP-003
Exhaust fitting	PRP-004
Pump housing	PRP-005
Pump housing gasket	PRP-006
Sight glass	PRP-007
Oil drain plug	PRP-008
Oil drain plug gasket	PRP-009
Rubber foot (w/screw & washer)	PRP-010
Base	PRP-011

Colt 18v Battery Vacuum Pump



KEY FEATURES

- Anti-oil-returning design + Solenoid Valve
- Anti-oil demister to prevent oil spillage
- 2CFM, 18V Brushless DC Motor
- 55 l/min, Oil circulation design
- Pump Only, Battery not included
(Battery Adaptors included for Milwaukee and Makita)



Description	Part No.
Colt 18v Battery Vacuum Pump	TEP-150CP-A2L

Model	TEP-5D 2	
Suitability	All standard A2L and A3 applications	
Voltage	18v, 5.0Ah Battery Powered	
Free air displacement	CFM	2.0 CFM
	L/min	55 L/min
Ultimate Vacuum	Pa	4
	Microns	30
Motor	4000 r/m	
Intake Fitting	1/4" and 3/8"	
Oil Capacity	140ml	
Dimensions	7.4" x 4.1" x 3.6" (190 x 105 x 192 mm)	
Net Weight	6.8 lbs (3.1kg)	

Vacuum Pump Oil

KEY FEATURES

- High quality, severely hydro-treated mineral oil specially formulated for the HVAC/R industry
- Compatible for use with refrigeration vacuum pumps for long lasting performance and high efficiency
- Available in quart and gallon sizes

Size	Part No.
12 Quart	TEP-Q/12
6 Gallon	TEP-G/6



TEL-1 Refrigerant Gas Leak Detector



KEY FEATURES

- Detects all CFC, HFC, HCFC, HFO and HC Refrigerants and blends
- Heated sensor technology
- Long life, stable sensor
- Three adjustable sensitivity levels
- Automatic calibration and reset to ambient
- Design Certified by ACSI to meet SAE J2791, J2913, EN14624-2012, ASHRAE 173-2012
- 2 year warranty

Model	TEL-1
Description	Leak detector, refrigerant gas
Sensor life	> 10 years
Response time	Instantaneous
Power supply	4 AA alkaline batteries
Battery life	4-6 hours continuous
Warm up time	< 20 seconds
Probe length	17" (432mm)
Weight	1.5 lbs (0.68 kg)
Warranty	2 years

Description	Part No.
TEL-1 Refrigerant Gas Leak Detector	TEL-1

Sensitivity

	R-1234yf	.0125 oz/yr
	R-134a	.05 oz/yr
	R-22	.025 oz/yr
	R-32	.05 oz/yr
	R-404A	.05 oz/yr
	R-407A	.05 oz/yr
	R-410A	.05 oz/yr
	R-427A	.05 oz/yr
	R-507	.05 oz/yr

TES-1 Electronic Charging Scale

KEY FEATURES

- Touch key controls
- Three display modes
- Compact design
- 110 lb. capacity
- Charging and recovery capabilities



- One 9v battery (included)
- Removable platform and control box with prop stand and hanging hook
- Durable case with integrated handle
- 1 year warranty

Model	TES-1
Range	0.0 lbs 0.0 oz to 110 lbs 0.0 oz 0.0 lbs to 110.0 lbs 0.0 kg to 55.0 kg
Resolution	Normal: 0.1 oz/0.005 lbs/2g Low: 0.5 oz/0.025 lbs/10g
Accuracy	± 0.5% of reading ± 1 digit
Power Supply	1 x 9v alkaline battery
Battery Life	30 hrs (approx.)
Temperature	32°F to 120°F (0°C to 49°C)
Weight	6.15 lbs (2.79 kg)
Dimensions	15.25" x 10.5" x 2.5" (38.7 x 26.7 x 6.35 cm)

Description	Part No.
TES-1 Electronic Charging Scale	TES-1

Turbo Flow Hoses

KEY FEATURES

- 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" / 5' (1.524mm) and 72" / 6' (1.85mm) lengths
- Connections: 3/8" x 3/8" and 3/8" x 1/4"
- Large bore
- Teflon Sealed
- Used for all vacuum and refrigerant charging procedures



Description	Part No.
Turbo Flow 72" 3/8 Vacuum Hose	CD380-VH72
Turbo Flow 60" 3/8 Vacuum Hose	CD380-VH60
Turbo Flow 72" 3/8 x 1/4 Vacuum Hose	CD140-VH72
Turbo Flow 60" 3/8 x 1/4 Vacuum Hose	CD140-VH60

HYDRA-XP9 Hydraulic Expander 1/4 – 1 5/8"



KEY FEATURES

- Delivers accurate bends for both imperial and metric soft copper pipe
- Hydraulic
- Stainless steel Handle and Expander heads
- 1/4"(6mm) , 3/8"(10mm), 1/2"(12mm), 5/8"(16mm), 3/4"(18mm), 7/8"(22mm), 1 & 1/8"(43mm), 1 & 3/8"(35mm) & 1 & 5/8"(41mm)
- Quick change between sizes
- Trigger quick release
- Heavy duty plastic case with protective foam inlays

Part No.	CD1405-HYE
Dimensions	L: 10" (250mm) W: 1.75" (45mm) H: 5" (120mm)
Weight	2.6 lbs (1.2 Kg)
Tube materials	Soft tubing only: copper, aluminium, brass

Description	Part No.
HYDRA-XP9 Hydraulic Expander	CD1405-HYE

HYDRA-MB7 Hydraulic Bender



KEY FEATURES

- Delivers accurate bends for both imperial and metric soft copper pipe
- Ergonomic and robust in design
- Hydraulic
- Stainless steel formers and counter formers
- 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8" (6mm - 22mm)
- Quick change between sizes
- Hand wheel hydraulic quick release
- Heavy duty plastic case with foam inlays

Description	Part No.
HYDRA-MB7 Hydraulic Bender	CD1394-HYB

Tube Straightener



KEY FEATURES

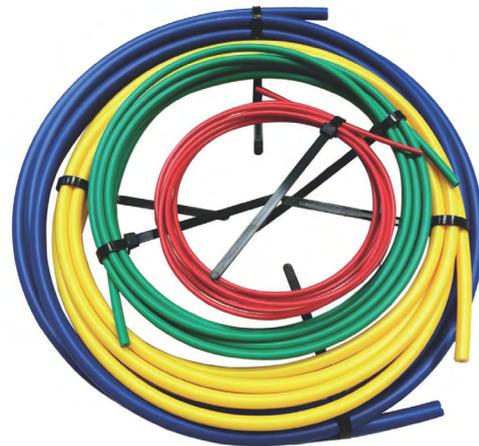
- Accurately straightens light wall tube from coil
- Straighten what you need – less material wastage
- Accelerated flow for better efficiencies from straighter pipe
- Rollers spiral along the tube to straighten and strengthen the tube
- Create radius tube bends using the central hole

Sizes O.D	Part No.
1/4"	CD140-TS
3/8"	CD380-TS
1/2"	CD120-TS
5/8"	CD580-TS

4 Pipe Bender kit

KEY FEATURES

- Length: 4 rolls of 13' (4m) per diameter
- Raw material: PP
- Facilitates bending of copper pipes
- Prevents the tube from crushing during installation
- Avoids system failure due to pipe crushing
- Easy removal
- Reusable for multiple installations
- Packed in open/close bag
- Reusable closure straps



SIZING OPTIONS & COLOURS

Part No.	Red	Green	Yellow	Blue
B3500	1/4" 6.35mm	3/8" 9.52mm	1/2" 12.7mm	5/8" 15.87mm

Digital Torque Wrench



KEY FEATURES

- 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
CD1356-DTW	3/8"	85 N-m / 62.7 ft-lb / 752 in-lb / 867kg-cm

Accuracy	Torque Measuring Range (N-m)	Length (270mm)
B	+/-2%-CW / +/- 3%-CCW	10.63in (270mm)

All Models

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)	11/32 x 1/2in (9 x 12mm)	
Axial Distance	0.69in (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	39.37" (1m)	
Vibration Test *4	10G	
Environmental test *5	Pass	
Electromagnetic compatibility test *6	Pass	

Solenoid Service Magnet

KEY FEATURES

- Pocket sized, permanent magnet with protective plastic coating and carry case
- Safe, quick and easy way to manually operate electric solenoid valves
- Fits all makes of solenoid valve
- Universal for both 18mm and 15mm solenoid valve stems.
- Saves service time
- An essential service engineer's tool



Description	Part No.
Solenoid Service Magnet	CD1306-SM

Tools of the Trade Since 1967



Information correct at time of going to press.

US

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REFRIGERANT
RECOVERY

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