

Recovery Machines

Manifold Gauges

Tube Cutters

Digital Scales

Vacuum Pumps

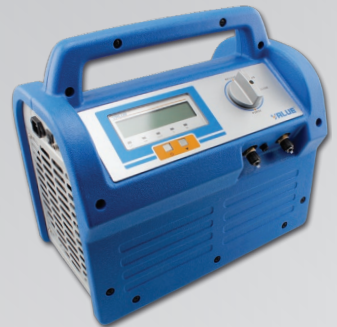
Tube Expanders

Digital Test Meters

Flaring Tools

Integrated Tool Kits

Spare Parts



Are YOU R32 Ready?

Value® VRR24M R32 Recovery Machine

- Available in 230 or 110 Volt
- VERY lightweight, only 10kg
- Superb brush-less 1 HP motor
- Twin cylinder compressor
- Easy to use control with easy read digital gauge
- Self purge function
- Equipped with high and low side protection
- **Suitable for A2L refrigerants inc R32 & R1234YF**
Also compatible with refrigerants R410A, R404A, R134a, R22 etc
- **Recovery Rates**
Vapour = 30 kg/hr. Liquid = 231 kg/hr
Push/Pull = 570 kg/hr

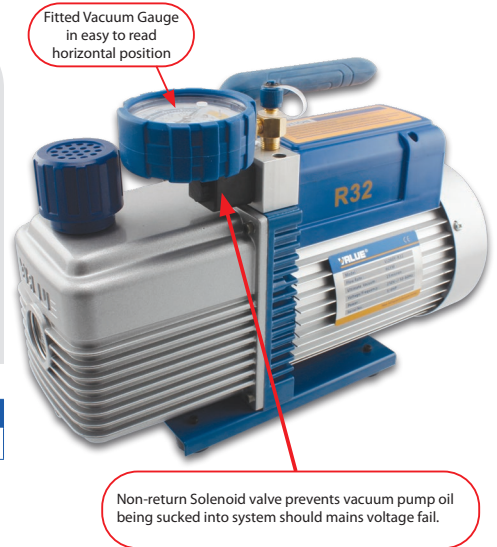


• Not suitable for hydrocarbons •

CODE	MODEL	Voltage	Net Price
QV1110	VRR-24-M	110 Volt	POA
QV1111	VRR-24-M	230 Volt	POA

Value® V-i260Y-R32 Vacuum Pump with Solenoid Valve & fitted Vacuum Gauge

- 5 cfm (142 L/Min)
- 220 Volt - 50Hz
- 3m Long hard wired mains lead
- Dual stage
- 1/4" Inlet port
- Vac gauge mounted in horizontal position for easy viewing and includes protective rubber boot
- Suitable for A2L refrigerants such as R32 & 1234yf *



* Not suitable for hydrocarbons •

CODE	MODEL	Voltage	Net Price
QV1101	V-i260Y-R32	220 Volt Only	POA

R32 Equipment

Value® R32 - 2 Way Manifold Set

Now available for R32 the Value manifolds are extremely popular with users, inexpensive with proven reliability.

Our customers like the protection the one piece rubber boot offers and the easy to read 80mm (psi only) gauges.

2-Way Manifold includes a set of R/Y/B 4ft long hoses, blow moulded carry case and come complete with sight glass and hanging hook.



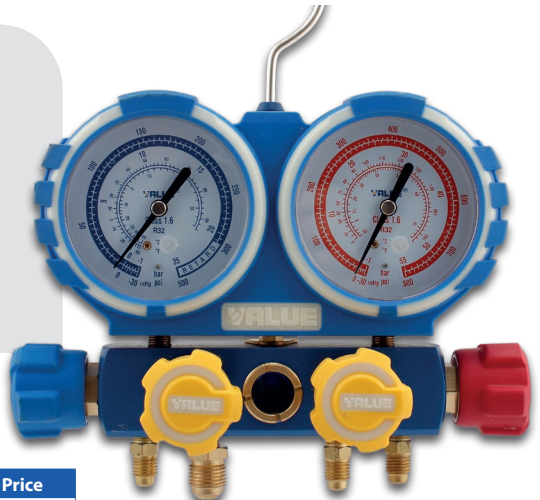
CODE	MODEL	Type	Net Price
QV1020	VMG-2-R32	2 Way	POA

Value® R32 - 4 Way Manifold Set

Now available for R32, the Value® VMG-4-R32 4-Way Manifold Set includes 5ft long R/Y/B hoses plus a 5ft long 3/8" black vacuum hose.

Manifold includes sight glass and hanging hook as standard and comes complete with blow moulded carry case.

Rear hose holder standard on 4-Way Manifold only.



CODE	MODEL	Type	Net Price
QV1021	VMG-4-R32	4 Way	POA

Tube Cutters

VTC-19



The Range of **VTC** Tube Cutters from **Value** feature Japanese rapid tool steel cutting blades & roller bearing rollers for smooth precise pipe cutting.
Superb quality.
"True Value for money"

VTC-28



VTC-28B



VTC-32



VTC-70



VTC-42



VTC-70



CODE	MODEL	DESCRIPTION	Net Price
Q092	VTC-19	Mini Pipe Cutters 1/8" - 3/4"	POA
Q093	VTC-28	Compact Pipe Cutter 1/8" - 1-1/8"	POA
Q094	VTC-28B	Pipe Cutters 1/8" - 1-1/8"	POA
Q095	VTC-32	Pipe Cutters 1/8" - 1-1/4"	POA
Q096	VTC-42	Pipe Cutters 1/4" - 1-5/8"	POA
QV1001	VTC-70	Large Pipe Cutters 1/4" - 2-5/8"	POA

Cool Tools!

Now Available
Online & Instore

When it comes to tools FSW are the specialists.

With over 10 different tool shops on our website open 24 hours a day, you are only one click away from a wide range of tool bags from **Veto**, **Stanley** and **CK MAGMA**.

The worlds best adjustable wrenches and other great hand tools from **Bahco**.



Integrated Tool Kits

We now offer 2 versions of the popular **VTB Integrated Tool Kits** from **Value®**.

Both kits contain the superb VFT808 Eccentric Flare Kit, 1 x VTC-19 and 1 x VTC-28B Pipe Cutters, 1 x Deburrer plus one set of 5ft long R/Y/B hoses.

All you have to do is choose the 2 way manifold you prefer in your kit. We still offer the original kit with the R410a manifold, but now you have the option of the multi refrigerant manifold which reads R22/R134a/R407C & R404A.



CODE	MODEL	DESCRIPTION	Net Price
Q047	VTB-5B-I-R410A	with R410A Manifold	POA
QV1044	VTB-5B-I-R22	with Multi Manifold	POA

Hydraulic Tube Expander

The **Value® VHE-29A** pistol grip hydraulic tube expander is perfect for working in confined spaces such as ceiling voids and risers, simple one handed operation.

Suitable for soft copper only, can be used on half hard but you **MUST** anneal the copper first, as you should using any brand of tube expander.

Comes complete with 7 heads 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8 and a blow moulded carry case.



CODE	MODEL	DESCRIPTION	Net Price
QV1041	VHE-29A	Compact hydraulic tube expander including 7 heads	POA

Replacement Tube Expander Heads for VHE & VST-29A Models						
QV1140	QV1141	QV1142	QV1143	QV1144	QV1145	QV1146
3/8	1/2	5/8	3/4	7/8	1-1/8	1-3/8

Recovery Machines

The Value® VRR12L is a lightweight yet powerful recovery machine weighing only 13kg.

Perfect for the service engineer's day-to-day recovery requirements.

It features a 3/4 horsepower single cylinder oil less compressor that is capable of recovering 15kg of vapour and 132kg of liquid per hour.

Easy to use mode selector switch and high pressure safety cut out. Plug in kettle type mains lead included.

• Not suitable for hydrocarbons •

VRR12-L	
Recovery per/hr	
Vapour	15 kg
Liquid	132 kg

Recovers all commonly used CFC, HFC & HCFC refrigerants.



CODE	MODEL	Voltage	Net Price
Q503	VRR-12-L	220 Volt	POA
Q517	VRR-12-L	110 Volt	POA

The Value® VRR24L is a lightweight yet powerful recovery machine weighing only 13.5kg.

Its powerful 1 horsepower single cylinder oil less compressor will recover 30kg of vapour and 210kg of liquid per hour. Easy to use mode selector switch and high pressure safety cut out.

Plug in kettle type mains lead included.

This machine is also suitable for recovering those larger plants quickly and efficiently such as water chillers and packs etc.

• Not suitable for hydrocarbons •

VRR24-L	
Recovery per/hr	
Vapour	30 kg
Liquid	210 kg

Recovers all commonly used CFC, HFC & HCFC refrigerants.



CODE	MODEL	Voltage	Net Price
Q516	VRR-24-L	220 Volt	POA
Q285	VRR-24-L	110 Volt	POA

The Value VRR24M R32 Recovery Machine is our first ever R32 recovery unit.

This machine really is lightweight at only 10kg due to its superb brush-less 1 HP motor, but don't let its light weight fool you.

This "LITTLE MONSTER" recovers 30kg of vapour and a massive 231kg of liquid per hour.

The VRR24M also recovers R1234yf and other common refrigerants such as R22, R410A, R134a, R404A, R407A etc. But not suitable for recovering hydrocarbons.

VRR24-M	
Recovery per/hr	
Vapour	30 kg
Liquid	231 kg



CODE	MODEL	Voltage	Net Price
QV1111	VRR-24-M	220 Volt	POA
QV1110	VRR-24-M	110 Volt	POA

Vacuum Pumps

Wide range of 2 Stage vacuum pumps that are available in dual voltage, 110/220 Volt 50/60 Hz. 1/4" and 3/8" flare inlet ports.* All dual Voltage machines come with a 240 Volt kettle type removable mains lead.** Please remember to order the extra 110 Volt mains lead if required for your pump.

VE-245ND



VE-260ND



V-i260Y-R32



*The Vi260Y-R32 Model is ONLY available in 220 Volt. 1/4" inlet port, non-return solenoid valve and fitted vacuum gauge

VE-i260SV



The **BEAST**

VE-2100ND



**The V-i260SV has a 1/4" inlet port only onto the non-return solenoid valve. Complete with fitted vacuum gauge

CODE	MODEL	CAPACITY cfm	VOLTAGE	Net Price
Q239	VE-245ND	5	Dual Voltage	POA
Q240	VE-260ND	6	Dual Voltage	POA
Q241	VE-i260SV	5	Dual Voltage	POA
Q246	VE-2100ND	10	Dual Voltage	POA
QV1101	V-i260Y-R32	5	220V Only	POA

2 Way Manifolds

The Value manifolds are extremely popular with our customers, not only are they inexpensive, they also have proven reliability.

Our customers like the protection the one piece rubber boot offers and the easy to read 80mm gauges. (psi only)

2-Way Manifold includes a set of R/Y/B 4ft long hoses and blow moulded carry case and comes complete with sight glass and hanging hook.



80mm Gauges read PSI only

CODE	MODEL	Type	DESCRIPTION	Net Price
Q218	VMG-2-R22	2 Way	reads R134a, R404A, R407C & R22	POA
Q217	VMG-2-410A	2 Way	reads 410A only	POA
QV1020	VMG-2-R32	2 Way	reads R32 only	POA
QV1025	VMG-2-1234yf	2 way	reads R1234yf only	POA

4 Way Manifolds

We now stock 3 versions of the Value 4-Way Manifold with each model including a set of 5ft long R/Y/B hoses plus a 5ft long 3/8" black vacuum hose.

Every 4-Way Manifold has a sight glass and hanging hook as standard and comes complete with blow moulded carry case.

Rear hose holder standard on 4-Way manifold only.



80mm Gauges read PSI only

CODE	MODEL	Type	DESCRIPTION	Net Price
QV1033	VMG-4-R22	4 Way	reads R134a, R404A, R407C & R22	POA
QV1030	VMG-4-410A	4 Way	reads 410A only	POA
QV1021	VMG-4-R32	4 Way	read R32 only	POA

One Way Manifold

The **Value VMG-1**, 1-Way Manifold with 68mm diameter gauges that read R410A/R407C/R404A/R134a in bar/psi.

Available in high and low side options.

Anti collision rubber boot and hanging hook.

No carry case or line included with single valve manifolds.



CODE	MODEL	Type	Net Price
Q219	VMG-1-U-L	1 Way	POA
Q211	VMG-1-U-H	1 Way	POA

SmartBlock

FSW has created the 2-Way Smart Manifold Block.

Designed specifically for the Testo 549i Smart Probes, the Smartblock gives you the versatility to charge, pressure test and evacuate the system while maintaining the benefits that smart probes offer.

testo 549i pressure probes shown are not included.

CODE	DESCRIPTION	Net Price
QV1150	SmartBlock- 2 Way Manifold	POA



Smartprobe Access Valves Kit

The 2pc Smartprobe Access Valve Kit adds extra versatility to your smart probes by making it possible to charge and evacuate a system whilst the testo smart probes are connected, kit includes 1/4 Access Tee with Knurled Nut and a 5/16" FFL x 1/4" MFL Adaptor to access R410A/R32 systems.

CODE	DESCRIPTION	Net Price
QT100	Smartprobe Access Valve Kit	POA



Image above shows the 2 parts joined together to access R410A/R32 Systems

Digital Clamp Meter

The **Value® VCM-202** is a feature packed Digital Clamp Meter that represents great value for money.

Measure AC/DC voltage, AC current, resistance, diode and reads °C/°F with included K probe and case.

Auto shut-off, low battery alarm and 250 volt overload protection Max measurements: Volts 600, AC current 400 amps, Temp -40°C to +1000°C.



CODE	MODEL	Net Price
Q221	VCM-202	POA

Digital Multi Meter

The **Value® VCDM-151** is another quality meter from **Value®** at a very competitive price.

Measures 30 different ranges, has overload protection. Great for testing capacitors up to 200 µF. Measures temperature -40°C to +1000°C.

Test leads, K probe & 9V battery included. (Carry Case not included)



CODE	MODEL	Net Price
Q220	VDM-151	POA

Eccentric Flare Kit

The **Value® VFT-808** not only looks quality with its superb satin finish, it also makes quality flares.

Its large ergonomic handle and torque release makes for effortless flaring. Flares from 3/16" to 3/4".

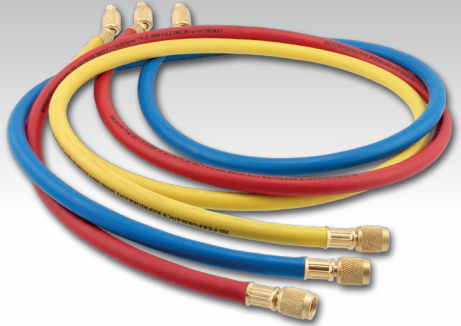
Blow moulded carry case included.



CODE	MODEL	Net Price
Q044	VFT-808	POA

Charging Hoses

Individual charging hoses from **Value**.
1200mm (4ft) long 1/4" x 1/4" flare ends.
Choose from red, yellow or blue.
800 psi MWP.



CODE	Hose Colour	Net Price
Q222	Red Hose	POA
Q223	Blue Hose	POA
Q224	Yellow Hose	POA

Deburrer Tool

The **Value VTT-5** deburrer is a heavy duty reamer with 3 blades in total, 2 stored inside the handle, accessible via the button lock cap.

Solid high quality plastic body with ultra sharp blades that make easy work of removing burrs.



CODE	MODEL	Net Price
Q098	VTT-5	POA

Replacement Kettle Lead

Replacement 2m Kettle Leads available in either 240 or 110 Volt.

240 Volt lead has 1.0mm flex with fitted 13amp UK plug.

110 Volt led has 1.5mm flex with fitted 16 amp 110 Volt Plug.



CODE	DESCRIPTION	Net Price
L406	240 Volt Kettle Lead	POA
L407	110 Volt Kettle Lead	POA

CODE	DESCRIPTION	Net Price
QV1082	Spare Blade for VTC-19 Tube Cutter	POA
QV1083	Spare Blade for VTC-28/28B Tube Cutter	POA
QV1084	Spare Blade for VTC-32/42 Tube Cutter	POA
TBA	Spare Blade for VTC-70 Tube Cutter	



CODE	DESCRIPTION	Net Price
QV1077	Spare Bearing for VTC-19 Tube Cutter	POA
QV1078	Spare Bearing for VTC-28/28B Tube Cutter	POA
QV1079	Spare Bearing for VTC-32/42/70 Tube Cutter	POA
Please Note	The VTC-19 has one bearing inside the cutting wheel ALL other models have 2	



CODE	DESCRIPTION	Net Price
QV1070	Spare Pin for VTC-19 Tube Cutter	POA
QV1071	Spare Pin for VTC-28 Tube Cutter	POA
QV1072	Spare Pin for VTC-28B Tube Cutter	POA
QV1073	Spare Pin for VTC-32/42 Tube Cutter	POA
QV1074	Spare Pin for VTC-70 Tube Cutter	POA



CODE	DESCRIPTION	Net Price
QV1088	Spare Circlip for VTC-19 Tube Cutter	POA
QV1089	Spare Circlip for VTC-28/28B Tube Cutter	POA
QV1090	Spare Circlip for VTC-32/42 Tube Cutter	POA
QV1091	Spare Circlip for VTC-70 Tube Cutter	POA



CODE	DESCRIPTION	Net Price
QV1095	Torr Gauge for Value Vi-1260-SV Vacuum Pump	POA
QV1096	Torr Gauge and Solenoid Valve assembly for Value Vi-1260-SV Vacuum Pump	POA



CODE	DESCRIPTION	Net Price
QV1098	Exhaust Filter Cap for Value Vacuum Pumps Models VE245ND	POA
QV1099	Exhaust Filter Cap for Value Vacuum Pumps Models VE260ND/VI260SV	POA



CODE	DESCRIPTION	Net Price
QV1097	Oil Fill Cap for Value Vacuum Pumps Suits All Models	POA



CODE	DESCRIPTION	Net Price
QV1159	Brass Inlet Port for VE245ND	POA
QV1160	Brass Inlet Port for VE260ND & VE2100ND	POA



CODE	DESCRIPTION	Net Price
QV1157	Oil Housing with gasket to suit VE245ND	POA

CODE	DESCRIPTION	Net Price
QV1158	Oil Housing with gasket to suit Models VE260ND / 2100ND/ V-1260-R32	POA



CODE	DESCRIPTION	Net Price
QV1050	Red High Side Manifold Knob fits all Value 2 & 4 Way Manifolds	POA
QV1051	Blue Low Side Manifold Knob fits all Value 2 & 4 Way Manifolds	POA
QV1053	Yellow Manifold Knob fits all Value 4 Way Manifolds	POA



CODE	DESCRIPTION	Net Price
QV1054	80mm R410A HP Gauge fits 2 & 4 Way Value R410A Manifolds	POA
QV1055	80mm R410A LP Gauge fits Value VMG-R410A 2 & 4 Way Manifolds	POA
QV1058	80mm Multi Refrigerant HP Gauge fits VMG-22, 2 & 4 Way Value Manifolds	POA
QV1059	80mm Multi Refrigerant LP Gauge fits VMG-22, 2 & 4 Way Value Manifolds	POA
QV1060	80mm R32 HP Gauge fits VMG-R32, 2 & 4 Way Value Manifolds	POA
QV1061	80mm R32 LP Gauge fits VMG-R32, 2 & 4 Way Value Manifolds	POA
QV1062	80mm R1234yf HP Gauge, fits VMG-R1234yf, 2 & 4 Way Value Manifolds	POA
QV1063	80mm R1234yf LP Gauge fits VMG-R1234yf, 2 & 4 Way Value Manifolds	POA



CODE	DESCRIPTION	Net Price
QV1161	K-Type Clamp Probe for Value VDG-1 Digital Manifold	POA





Manifold Spare Parts

CODE	DESCRIPTION	Net Price
QV1066	Complete Brass Valve Stem Assembly Suits ALL 2 Way Manifolds, but fits <i>side only</i> of All 4 Way Manifolds	POA
QV1067	Complete Brass Valve Stem Assembly for front of 4 Way Manifolds only	POA
CODE	DESCRIPTION	Net Price
QV1057	White Teflon Seal for either end of Value Red/Yellow or Blue Refrigerant Hoses	POA



Tube Expander Heads

CODE	DESCRIPTION	Net Price
QV1140	3/8 Tube Expander Head Only	POA
QV1141	1/2 Tube Expander Head Only	POA
QV1142	5/8 Tube Expander Head Only	POA
QV1143	3/4 Tube Expander Head Only	POA
QV1144	7/8 Tube Expander Head Only	POA
QV1145	1-1/8 Tube Expander Head Only	POA
QV1146	1-3/8 Tube Expander Head Only	POA



Recovery Machine Spares

CODE	DESCRIPTION	Net Price
QV1156	Control Knob to suit VRR12L , VRR24L & VRR24M Recovery Machines.	POA



24 BRANCHES

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