



**Are You R32 Ready?**

***"We Are"***

Our New range of R32  
Recovery Machines,  
Vacuum Pumps and  
Manifold Gauges

***Now in Stock***

**Recovery Machines**

**Manifold Gauges**

**Tube Cutters**

**Digital Scales**

**Vacuum Pumps**

**Tube Expander**

**Digital Test Meter**

**Flaring Tool**

**Integrated Tool Kits**

**Spare Parts**



**FSW**

*Where you need us  
When you need us*

See pages 2 & 3 for **New** R32 Products

### Value<sup>®</sup> 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

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

VALUE<sup>®</sup>

**NEW**



**A2L  
Compatible**

• Not suitable for hydrocarbons •

### Value<sup>®</sup> 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 \*

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

**NEW**



VALUE<sup>®</sup>

Non-Return Solenoid Valve prevents vacuum pump oil being sucked into system should mains voltage fail.

\* Not suitable for hydrocarbons •

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# NEW

## 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.

NEW

VALUE®



CODE	MODEL	Type	Nett Price
QV1020	VMG-2-R32	2 Way	

### 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.

NEW

VALUE®



CODE	MODEL	Type	Nett Price
QV1021	VMG-4-R32	4 Way	

VALUE®



## Tube Cutters

VALUE®

(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)



**NEW**

(VTC-42)



(VTC-70)



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

## Digital Charging Scales

**Value**® offer 2 versions of digital refrigerant charging scales.

Both have 100kg capacity and audible buzzer. The **VES-100B** includes a auto-shut off feature that shuts-off the gas flow to the system once the charge weight is reached.

This means the platform of the scales isn't removable from its case due to the wiring harness connecting it to the built-in shut-off valve assembly.

The **VES-100B** is battery & mains voltage, while the **VES-100A** is battery only with a removable platform.

VES-100A



Removable Base and battery operated

VALUE®

VES-100B



Auto shut-off, fixed base, 240 Volt mains & battery operated

CODE	MODEL	CAPACITY	Nett Price
<b>Q287</b>	VES-100A	100 kg	
<b>Q284</b>	VES-100B	100 kg	

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# Quality refrigeration and air conditioning tools at very competitive prices

## 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	Nett Price
<b>Q047</b>	VTB-5B-I-R410A	with R410A Manifold	
<b>QV1044</b>	VTB-5B-I-R22	with Multi Manifold	

## 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 etc. 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	Nett Price
<b>QV1041</b>	VHE-29A	Compact hydraulic tube expander including 7 heads	

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

See Page 15 for replacement head prices



# VALUE®

## Recovery Machines

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

Perfect for the service engineers 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	Nett Price
<b>Q503</b>	VRR-12-L	220 Volt	
<b>Q517</b>	VRR-12-L	110 Volt	

**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	Nett Price
<b>Q516</b>	VRR-24-L	220 Volt	
<b>Q285</b>	VRR-24-L	110 Volt	

**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 it's 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.

• Not suitable for hydrocarbons •

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



CODE	MODEL	Voltage	Nett Price
<b>QV1111</b>	VRR-24-M	220 Volt	
<b>QV1110</b>	VRR-24-M	110 Volt	

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## 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



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

VE-i260SV



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

*The* **BEAST**

VE-2100ND



\*\* The Beast comes with a FREE Non-Return Valve and 110 Volt mains lead, extra to the 240 Volt mains lead supplied as standard.

110 Volt Mains Kettle lead for the  
VE-245/260 & VE-i260SV  
is Part Code XX01883 Price £14.99 & VAT

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

**VALUE®**

## 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 come complete with sight glass and hanging hook

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



80mm Gauges read PSI only

## 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

CODE	MODEL	Type	DESCRIPTION	Nett Price
<b>QV1033</b>	VMG-4-R22	4 Way	reads R134a, R404A, R407C & R22	
<b>QV1030</b>	VMG-4- 410A	4 Way	reads 410A only	
<b>QV1021</b>	VMG-4-R32	4 Way	read R32 only	



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80mm Gauges read PSI only

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## 2 Way Digital Manifold

The **Value VDG-1** digital manifold reads 44 different refrigerants including R32 & R1234yf.

Displays pressure in psi, bar, Kpa & Mpa.

Max Over Pressure 75 bar

Includes 1 x K type clamp probe, 3 x 1/4" x 1/4" 4ft

R/Y/B Hoses & 2 x 1/4" to 5-16" Hose adaptors

Plus pair of Hi & Low Side Automotive adaptors and blow moulded carry case.

**Reads 44 of the most popular refrigerants...**

R11 R123 R404 R141B R600A R428A R12  
R124 R406A R744 R426A R417A R13  
R134A R407A R422A R1243fy R437AR290  
R407C R422D R424AR23 R410A R408A  
R427A R434A R728 R32 R401B R409A  
R502 R422B R113 R402A R410A R507A  
R416A R114 R402B R413A R508B R420A  
R22



This Manifold does NOT read vacuum

CODE	MODEL	Type	DESCRIPTION	Nett Price
<b>Q097</b>	VDG-1	4 Way	See main description for details	

## 4 Way Digital Manifold

The **Value VDG-4-SI** 4 Way Manifold with Digital Gauges. Low side gauge reads vacuum inHg only.

Read's 9 refrigerants R22, R32, R290, R410A, R1234yf, R134a, R404A, R407C, R507.

Includes 3/8" vac hose. Yellow hose 1/4"-1/4", Red and Blue Hose 1/4"-5/16" with 2 x 1/4"-5/16" brass adaptors to convert red and blue lines to 1/4"-1/4" Red & Blue Lines only have shut off valves, all lines 5 ft long.



This Manifold reads vacuum but displays inHg only

CODE	MODEL	Type	DESCRIPTION	Nett Price
<b>QV1035</b>	VDG-4-S1	4 Way	See main description for details	

## 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	Nett Price
<b>Q219</b>	VMG-1-U-L	1 Way	
<b>Q211</b>	VMG-1-U-H	1 Way	

# VALUE®

## Digital Clamp Meter

The **Value® VCM-202** is 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	Nett Price
<b>Q221</b>	VCM-202	

VALUE®



## 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	Nett Price
<b>Q220</b>	VDM-151	

VALUE®



## 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	Nett Price
<b>Q044</b>	VFT-808	



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## 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	Nett Price
<b>Q222</b>	Red Hose	
<b>Q223</b>	Blue Hose	
<b>Q224</b>	Yellow Hose	



## 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	Nett Price
<b>Q098</b>	VTT-5	



## 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	Nett Price
<b>XX01886</b>	240 Volt Kettle Lead	
<b>XX01883</b>	110 Volt Kettle Lead	





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



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



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



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



CODE	DESCRIPTION	Nett Price
<b>QV1095</b>	Torr Gauge for Value Vi-1260-SV Vacuum Pump	
<b>QV1096</b>	Torr Gauge and Solenoid Valve assembly for Value Vi-1260-SV Vacuum Pump	

CODE	DESCRIPTION	Nett Price
<b>QV1098</b>	Exhaust Filter Cap for Value Vacuum Pumps Models VE245ND	
<b>QV1099</b>	Exhaust Filter Cap for Value Vacuum Pumps Models VE260ND/Vi260SV	

CODE	DESCRIPTION	Nett Price
<b>QV1097</b>	Oil Fill Cap for Value Vacuum Pumps Suits All Models	

CODE	DESCRIPTION	Nett Price
<b>XX01886</b>	Replacement Kettle Lead 240 Volt 2m long 1.0mm flex with fitted 13 amp UK Plug	
<b>XX01883</b>	Replacement Kettle Lead 110 Volt 2m Long 1.5mm flex fitted 16 amp 110 Volt Plug	



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

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







## Manifold Spare Part's

CODE	DESCRIPTION	Nett Price
QV1066	Complete Brass Valve Stem Assembly Suits ALL 2 Way Manifolds, but fits side only of All 4 Way Manifolds	
QV1067	Complete Brass Valve Stem Assembly for front of 4 Way Manifolds only	

CODE	DESCRIPTION	Nett Price
QV1057	White Teflon Seal for either end of Value Red/Yellow or Blue Refrigerant Hoses	



## Tube Expander Heads

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



Replacement Tube Expander Heads  
for the original VHE-29A & the new  
pistol grip VST-29A model.





# FSW

*Where you need us  
When you need us*

## R32 Refrigerant & Cylinder Adaptor

R32 Refrigerant now in stock, with left hand thread on cylinder valve, so don't forget to order a left handed thread cylinder adaptor.

CODE	Description	Cyl Size kg	Nett Price
M3130	R32	10	
M3131	R32	20	
M3132	R32	45	
M015	R32 Cyl Adaptor	fits all	

**R32 READY**



Image shows 10kg cylinder of R32 with inset picture showing the New R32 cylinder adaptors. These have a left hand thread onto the cylinder valve and a white PTFE gasket included with cylinder adaptor

## Gas Mate

The Only ATEX approved hydrocarbon leak detector for all Hydrocarbons INC-R600, R290.

Also suitable for R32, R1234yf and R1234ze and detects Ammonia

The Gas Mate is also **A-GAS®** approved for use on **TRACE-A-GAS®**

CODE	Description	Nett Price
Q4900	GasMate Leak detector	

**R32 READY**



## FSW Trade Counters

<b>Belfast</b> 028 9066 5999	<b>Chelmsford</b> 01245 468 836	<b>Isleworth</b> 0208 758 1363	<b>Nottingham</b> 0115 970 8943
<b>Birmingham</b> 0121 328 8388	<b>Dartford</b> 01322 275559	<b>Leicester</b> 0116 276 9613	<b>Preston</b> 01772 697 855
<b>Bradford</b> 01274 664 900	<b>Edinburgh</b> 0131 440 9515	<b>Manchester</b> 0161 876 4926	<b>Reading</b> 01189 323 000
<b>Bristol</b> 0117 906 1300	<b>Glasgow</b> 0141 332 7060	<b>Newcastle</b> 0191 487 7982	<b>Shrewsbury</b> 01743 235 341
<b>Cannock (HQ)</b> 01543 437 010	<b>Gloucester</b> 01452 521 263	<b>Northampton</b> 01604 671 366	<b>Southampton</b> 02380 252 245
<b>Cardiff</b> 02920 794 573	<b>Hull</b> 01482 219 888	<b>Norwich</b> 01603 487 961	<b>Stoke</b> 01782 565 566



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