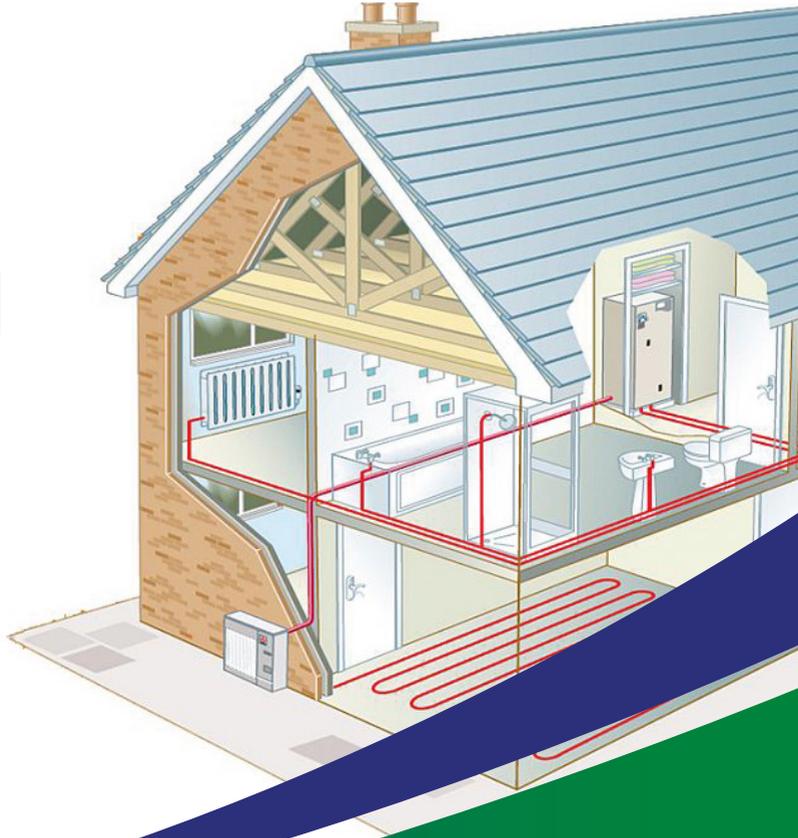




FSW

www.fridgespareswholesale.ie



Heat Pumps and accessories guide

Cages/Fixings/Frames 

Electrical cables & accessories 

Heatpumps/Portable AC 

Tools 

Building/Support 

Chemicals/Consumables 

Copper Tube 

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Cool Tools

Now available!
Check online for information.
www.fridgespareswholesale.ie





Cages/Fixing/Frames

Security Cages



Protect your assets with a security cage!



| Code | Model | Description | Price |
|---------------|---------|------------------------------|-------|
| CAGE-S | CAGE-S | Small 750H 1050W 460D | POA |
| CAGE-M | CAGE-M | Medium 1150H 1150W 650D | POA |
| CAGE-L | CAGE-L | Large 1450H 1150W 650D | POA |
| CAGE-XL | CAGE-XL | Extra-Large 1800H 1150W 650D | POA |
| VS110CONDTRAY | Small | Condensing Unit Drip Tray | POA |
| VS210CONDTRAY | Large | Condensing Unit Drip Tray | POA |

H-Frames/Wall Brackets/Anti Vibration



320mm 500mm sizes available



Small, medium & large sizes available!

| Code | Model | Description | Price |
|-----------------|--------|--------------------------|-------|
| F-FP-320 | 320mm | H Frame Set 320x320 feet | POA |
| F-FP-500 | 500mm | H Frame Set 500x500 feet | POA |
| MS230MOUNTBRACK | Small | 84KG 420mm Support Arm | POA |
| MS257 BRACKET | Medium | 84KG 550mm Support Arm | POA |
| MS403 BRACKET | Large | 180KG 620mm Support Arm | POA |
| MS404 BRACKET | Large | 180KG 800mm Support Arm | POA |

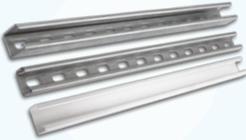
| Code | Product | Description | Price |
|-------|--------------------|------------------------|-------|
| B6737 | x2 | Condensate Tray System | POA |
| VS210 | Condensate Tray x1 | Condensate Tray System | POA |
| VS240 | Brackets x1 | Condensate Tray System | POA |





Building/Support Products

Channel - Clips - Support Mounts



| Code | Model | Description |
|----------|-------|------------------------------|
| MC403 6M | 6MTR | Channel Slotted 40mm 6 meter |
| MC403 3M | 3MTR | Channel Slotted 40mm 3 meter |
| MC203 6M | 6MTR | Channel Slotted 20mm 6 meter |
| MC203 3M | 3MTR | Channel Slotted 20mm 3 meter |

| Code | Model | Description |
|-----------|-------|-------------------|
| M8ZP ROD | 3MTR | 8mm Threaded Rod |
| M10ZP ROD | 3MTR | 10mm Threaded Rod |
| M12ZP ROD | 3MTR | 12mm Threaded Rod |

Full range of fixings also available in all sizes

Plain non-slotted channel also available



| Code | Model | Description |
|-----------|-------|--------------------|
| MUPRO L | ALL | All Lined Sizes |
| MUPRO U/L | ALL | All Un-Lined Sizes |

| Code | Model | Description |
|---------------|---------|---------------------|
| GRIPLOCKSIZE1 | 1/4X1/2 | Pre Insul Pipe Clip |
| GRIPLOCKSIZE2 | 3/8x5/8 | Pre Insul Pipe Clip |



Custom support frames available on request!



| Code | Model | Description |
|-------|--------|--------------------|
| B6735 | 250MM | Fix It Foot 250mm |
| B6736 | 450MM | Fix It Foot 450mm |
| B6737 | 600MM | Fix It Foot 600mm |
| B9096 | 1000MM | Fix It Foot 1000mm |

| Code | Model | Description |
|-----------|-------|-------------------|
| P2663/300 | 300MM | Cantilever Arm |
| P2663/450 | 450MM | Cantilever Arm |
| P2663/600 | 600MM | Cantilever Arm HD |
| P2663/750 | 750MM | Cantilever Arm HD |
| P2663/900 | 900MM | Cantilever Arm HD |

Nuts - Bolts - Washers

| Code | Description |
|--------------------|--------------------|
| M8 CONNECT | 8mm Rod Connector |
| M10 CONNECT | 10mm Rod Connector |



| Code | Description |
|--------------|-----------------------|
| M6SS | 6mm Spring Nut Short |
| M8SS | 8mm Spring Nut Short |
| M10SS | 10mm Spring Nut Short |



| Code | Description |
|------------------|--------------------|
| M8SQUAREW | 8mm Square Washer |
| P1020HG | 10mm Square Washer |



| Code | Description |
|--------------|----------------------|
| M6LS | 6mm Spring Nut Long |
| M8LS | 8mm Spring Nut Long |
| M10LS | 10mm Spring Nut Long |



| Code | Description |
|-------------------|------------------|
| M8/M10BASE | 8/10mm Baseplate |



| Code | Description |
|------------|----------------|
| M6 | ZP Bolts Range |
| M8 | ZP Bolts Range |
| M10 | ZP Bolts Range |

Various Bolt Sizes Available*



| Code | Description |
|-----------------|-------------------|
| M10/10L | 10mm Rawl Bolt |
| M10WEDGE | 10mm Wedge Anchor |
| M8WEDGE | 8mm Wedge Anchor |



| Code | Description |
|-----------------|-------------|
| M6ZPNUT | 6mm Nut |
| M8ZPNUT | 8mm Nut |
| M10ZPNUT | 10mm Nut |



| Code | Description |
|--------------------|-----------------|
| M6X12GUTTER | 6mm Gutter Bolt |
| M6X20GUTTER | 6mm Gutter Bolt |



| Code | Description |
|---------------|-------------|
| M6MUD | 6mm Washer |
| M8MUD | 8mm Washer |
| M10MUD | 10mm Washer |



| Code | Description |
|---------------|--------------------------------|
| AVMB-1 | 4 Anti Vibration Rubber Mounts |



| Code | Model |
|--------------|---------------|
| GFC-1 | 1/4 AND 1/2 |
| GFC-2 | 3/8 AND 5/8 |
| GFC-4 | 5/8 AND 1-1/8 |



M11 Unistrut Clips



- Sizes: M1108 - M1151 (9.5mm - 269mm)
- Fits 20mm & 40mm unistrut channel
- Supplied with bolt and nut
- Used in various pipe restraint installations

Box quantities available from stock at FSW



Copper Tube

Cooleo Pre-Insulated Copper Tube

- Allows you to install your pipework in half the time of conventional methods.
- 9mm insulation manufactured to EN 13501. Fire classification - WHITE 9MM BL-S1-D0 BLACK 9MM BL-S2-D0.
- 13mm insulation manufactured to EN 13501. Fire classification - CL-S2-D0.
- 13mm wall black insulation with tough & durable polyethylene coating.
- Copper coil manufactured to EN 12735-1.
- Can be easily separated during insulation.
- 9mm & 13mm wall black available to order.
- 9mm wall white available to order.



FSW | **cooleo**
Pre Insulated Copper

The Benefits

- Labour saving.
- Easy clean coating.
- Easy to transport & store.
- Durable insulation coating.
- Less waste, re-cap and re-use.
- Insulation more resistant to damage.

Available in black 9mm & 13mm (20M coils) insulation, white 9mm insulation



| Code | Length | Description | Price |
|----------------------|--------|---------------------------------|-------|
| C20038 1/4T (WHITE) | 20MTR | COIL 20M 3/8 & 1/4 TWINNED 9MM | POA |
| C20012 1/4T (WHITE) | 20MTR | COIL 20M 1/2 & 1/4 TWINNED 9MM | POA |
| C20058 1/4T (WHITE) | 20MTR | COIL 20M 5/8 & 1/4 TWINNED 9MM | POA |
| C20058 3/8T (WHITE) | 20MTR | COIL 20M 5/8 & 3/8 TWINNED 9MM | POA |
| C25012 1/4T (WHITE) | 25MTR | COIL 25M 1/2 & 1/4 TWINNED 9MM | POA |
| C50014 0.8MM (WHITE) | 50MTR | COIL 50M 1/4 X 0.8mm SINGLE 9MM | POA |
| C50038 0.8MM (WHITE) | 50MTR | COIL 50M 3/8 X 0.8mm SINGLE 9MM | POA |
| C50012 0.8MM (WHITE) | 50MTR | COIL 50M 1/2 X 0.8mm SINGLE 9MM | POA |
| C50058 1.0MM (WHITE) | 50MTR | COIL 50M 5/8 X 1.0mm SINGLE 9MM | POA |
| C25038 1/4T (WHITE) | 25MTR | COIL 25M 1/4 TWINNED 9MM | POA |
| C25058 1/4T (WHITE) | 25MTR | COIL 25M 1/4 TWINNED 9MM | POA |
| C25058 3/8T (WHITE) | 25MTR | COIL 25M 3/8 TWINNED 9MM | POA |

Copper Tube Accessories



Annealed soft drawn copper coils 1/4" to 7/8"

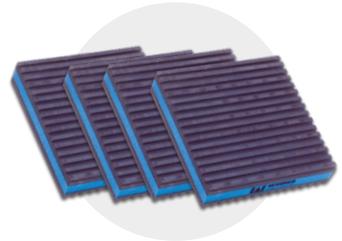


Full range of copper tube, insulation & accessories



Hard drawn copper lengths 3/8" to 4 1/8"

Pipe & Cabling Trunking



Full range also available in 110mm from FSW

| Code | Description | Price |
|------------------|-----------------------------|-------|
| DELTA INT ELBOW | DELTA INTERNAL CORNER 80MM | POA |
| DELTA EXTER ELBS | DELTA EXTERNAL CORNER 80MM | POA |
| DELTA UPPER CONN | DELTA CONNECTION PIECE 80MM | POA |
| DELTA WALL TER | DELTA WALL TERMINAL 80MM | POA |
| DELTA T-JOINT | DELTA T JOINT 80MM | POA |
| DELTA TRUNKING | DELTA DUCTING 80X60 2M | POA |



Chemicals

Cleaners - Disinfectants - Leak Detection



| Code | Model | Description | Price |
|------------|-------|------------------------------|-------|
| ENVCOIL | 5LTR | Universal Coil Cleaner | POA |
| SUPERCLEAN | 5LTR | Heavy Duty Condenser Cleaner | POA |
| COOLSAFE | 5LTR | Evaporator Cleaner | POA |
| CODEN | 5LTR | Alkaline Evaporator Cleaner | POA |



| Code | Model | Description | Price |
|----------------|---------|-----------------------------------|-------|
| RTU/EVAPORATOR | 1&5 LTR | Evaporator Cleaner & Disinfectant | POA |
| RTU/CONDENSER | 1&5 LTR | Condenser Cleaner | POA |
| GREASEGOBBLER | 400ml | Solvent Condenser Cleaner | POA |
| HIDROX | 5LTR | Descaling Treatment | POA |



Full range of safety data sheets available on request.

| Code | Model | Description | Price |
|------------------|------------|---------------------------------------|-------|
| DRAINKLEEN ONE S | 250ml&5LTR | Drain Cleaner | POA |
| EASYFIND | 400ml | Bubble Up Leak Detetor Aersol | POA |
| RTU/LEAKDETECTOR | 1LTR | Bubble Up Leak Detector Trigger Spray | POA |

Glycol solution for heat pumps available from FSW

Glycol - Accessories

GLY-COOL+® (MPG) is a high performance, monopropylene glycol.

(MPG) based, heat transfer fluid designed for use in indirect cooling in food processing and beverage cooling applications.

GLY-COOL+ (MPG) fluids have been specifically designed to deliver higher resistance to degradation, scale, bacterial growth and corrosion.



| Code | Model | Description | Price |
|----------------------|-------|----------------------|-------|
| GLYCOOL (MPG) | 25LTR | Monopropylene Glycol | POA |



FRIOGEL® NEO is a concentrated antifreeze based on monopropylene glycol and corrosion inhibitors, is a heat transfer fluid for low temperature refrigeration systems and food industry.

When **FRIOGEL® NEO** is diluted in water, the resulting liquid cooling agent provides effective protection against freezing and gives re-enforced protection against metal corrosion in the various ancient and new types of circuits (steel, aluminium, copper, brass, soldering, etc.) This protection has been confirmed by numerous static and dynamic heat tests.

| Code | Model | Description | Price |
|-------------------------|-------|----------------------|-------|
| FRIOGEL NEOHEATP | 25LTR | Monopropylene Glycol | POA |

Needs to be diluted**

Battery Operated Backpack!



| Code | Description | Price |
|-------------------------|-----------------|-------|
| HYDROSPRAYERELIT | Pump Sprayer | POA |
| PSP6 | Pump Sprinkling | POA |

Index Instruments Refractometer REF-402

- Rugged, durable construction.
- High contrast demarcation line for easy, accurate readings.
- Easily adjusted to zero line by screw mechanism.
- Perfect for your glycol solution!



| Code | Model | Description | Price |
|----------------|---------|---------------|-------|
| REF-402 | REF-402 | Refractometer | POA |



Consumables

Accessories

| Code | Description |
|------------|----------------------------|
| CT280-4.8 | Cable Ties 300mmx4.8 |
| CT360-4.8 | Cable Ties 368mmx4.8 |
| CT360-7.8 | Cable Ties 380mmx7.8 |
| CTC300-4.8 | Cable Ties 300mmx4.8 White |
| CT360-7.8W | Cable Ties 380mmx7.8 White |



| Code | Description |
|------------|-----------------------|
| 2Tape | Tape 2" 50mm Black |
| 2TapeWhite | Tape 2" 50mm White |
| 1Tape | Tape 1" 25mm Black |
| 10Tape | Insulation Tape 10Mtr |



| Code | Description |
|-------------|----------------------|
| Vacoil | Vac Pump Oil 1 Litre |
| Vacoil 5ltr | Vac Pump Oil 5 Litre |



| Code | Description |
|--------------|------------------------|
| Solds2 2mm v | Solder S2 1KG Square |
| Solds2 3mm v | Solder S2 1KG 3mm Dia |
| Solds40 10pk | Fluxed Silver Rod 10pk |
| Solds40 2mm | MetaBrazo Rod |



| Code | Description |
|---------|-------------------------|
| Mapp | Mapp Gas |
| Oxigen | Oxigen Cartridge 110Bar |
| Maxigas | Maxigas Cartridge |



| Code | Description |
|--------------|-----------------------|
| TurboSet90 | Autogen Welding Rack |
| TurboHeadset | Complete Head for Set |
| HT5Nozzle | Hooked Brazing Nozzle |



FSW stock a large range of consumables and accessories to suit any type of installation or service.
Refrigeration - HVAC - Electrical - Heat pumps

| Code | Description |
|-------|-------------|
| STK-9 | Turbo Torch |



| Code | Description |
|--------|----------------------------|
| STK-11 | Double Barrell Turbo Torch |



| Code | Description |
|-------|---------------------------|
| TX504 | Turbo Torch Self Igniting |



| Code | Description |
|------------|---------------|
| Solder-mat | Soldering Mat |



| Code | Description |
|---------|---------------|
| Rovlies | Cleaning Pads |



| Code | Description |
|--------|--------------------|
| GA-750 | Nitrogen Regulator |



| Code | Description |
|--------------|----------------------|
| EZB Line Set | Paircoil Pipe Bender |



Full Range of Pipe Benders Available**

| Code | Description |
|-----------------|----------------------|
| FLAMETECH ELITE | Portable Brazing Set |





Portable AC/Heat Pumps

Heatpumps



ECODAN heatpumps from Mitsubishi Electric

4 simple benefits to ECODAN heat pumps...

- Intelligent heating.
- Highly versatile and compatibe.
- Reduce CO2 emissions and save on running costs.
- Advanced energy monitoring at your fingertips.

Contact FSW today to discuss your heat pump requirements
info@fridgespares.ie
1 830 3466

Glycol solution for heat pumps available from FSW

Air Conditioning



3.5kw
R290a
refrigerant



Heating & cooling!

| Tech Data | Description |
|----------------------|---------------------|
| Product Dimensions | 390w x 405d x 850h |
| Capacity | 12,000btu / 3.5Kw |
| Weight | 36.5Kg |
| Noise Level | 49db[A] |
| Dehumidifying Volume | 1.8 Liters Per Hour |
| Energy Rating | A+ |



Large condensate pump range available from FSW



Tools

Refrigeration

Testo 557s Manifold

R32 ready!



- All results at a glance.
- Automatic Bluetooth connection.
- Fast and easy pressure value display.
- Robust housing with IP54 protection.
- Test menu sequences for pressure leak test, vacuum, target superheat, and discharge line temperature.

The Testo 557s digital manifold with 4-way valve block enables you to carry out your measurements on refrigeration and air conditioning systems and heat pumps. The large display also helps you to evaluate the results in graphic form. Stored programs guide you through the measurement and enable the automatic determination of numerous important system parameters such as superheating/ subcooling, target superheat, cooling/heating capacity and many other areas besides.

Testo 549i Manifold

R32 ready!



- Measurement of high and low pressure.
- Low refrigerant loss – since no hoses are required for measurements.
- Measurement data displayed in the form of a graph or table, and sent via testo Smart Probes App.

The ever-popular Original Refrigeration Smart Probe Set from testo has a NEW Big Brother the 0563 0002 10 is a revised version of the original model. The New model features updated 549i refrigerant pressure probes with 45° angled connector to allow for easier access to test ports. Both the 549i and the 115i supplied in the New version of the testo refrigeration Smart probe set, feature the New Bluetooth module to allow 100m operating range.

| Code | Model | Description | Price |
|-----------------|-------|-----------------------------|-------|
| TESTO557S SMART | 557s | Digital Manifold | POA |
| TESTO549i | 549i | Smart Prob Digital Manifold | POA |

Testo 552i Vac Gauge

R32 ready!



- Fast and easy vacuum measurement.
- Robust housing with IP 54 for maximum reliability in daily use.
- Integrated 45° angle.
- Connects automatically to the testo Smart App.
- One app for everything.

Testo smart tools connect to your smart phone!

The Testo 552i wireless vacuum probe provides the Testo smart probes portfolio with the option of measuring vacuum wirelessly and via just one service port. This prevents leaks and means that you do not have to pull the vacuum through the manifold. The integrated 45° angle allows you to work flexibly at any service connection. The Testo 552i automatically connects to Testo 550s and Testo 557s via Bluetooth. Used with the Testo smart app, the smart probe is also perfect for quick vacuum measurement on its own. Thanks to its proven quality and great durability, you can rely on your wireless vacuum probe in any conditions.

Javac Gas Mate Leak Detector

R32 ready!



- Also detects TRACE-A-GAS - sensitivity hydrogen 5 grams a year.
- Detects natural gas, propane, butane, cyclo pentane, ethane, ethanol, isobutane and ammonia – R1234YF, R1234ZE, R32, R290, R600

The Javac Gas Mate is an ATEX approved leak detectors suitable for R32 and all standard refrigerants and hydrocarbons and twice as sensitive as the nearest competitor.

- 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.

| Code | Model | Description | Price |
|-----------------|-------|----------------------|-------|
| TESTO 552I | 552 | Digital Vacuum Gauge | POA |
| GAS-MATE-TRACER | 316-3 | Javac Leak Detector | POA |

Electrical



Electrical measuring instruments

The new generation - Testo sets new standards in electrical measuring technology.

Whether multimeters, clamp meters, current testers or voltage testers – thanks to innovative technologies and simplified application, Testo's measuring instruments measure electrical parameters such as current, voltage or resistance more reliably and precisely than ever before.

Find out about service, calibration and training as well. For better performance in electrical measuring technology.

| Code | Model | Description | Price |
|----------|-------|------------------|-------|
| TESTO745 | 745 | Voltage Tester | POA |
| TESTO750 | 750 | Voltage Tester | POA |
| TESTO760 | 760 | Multi-Meter | POA |
| TESTO770 | 770 | TRMS Clamp Meter | POA |

Temperature/Humidity



Get even smarter with the Teso smart probe range.

Why not turn your smart phone into a thermometer or even a vane anemometer with the new Testo smart probe range and FREE app.

Easy to use smart probes for every day measurement tasks performed within the HVAC-R Sector

Smart probes to measure temperature, pressure, humidity and airflow.

| Code | Model | Description | Price |
|------------|--------|----------------------|-------|
| TESTO830T2 | 830-t2 | Infrared Thermometer | POA |
| TESTO115i | 115i | Clamp Thermometer | POA |
| TESTO410i | 410i | Vane Anemometer | POA |
| TESTO605i | 605i | Thermohygrometer | POA |

Testo smart tools connect to your smart phone!



Be sure.



Plumbing/Electrical



| Code | Description | Nett Price |
|-----------|----------------------|------------|
| BAH301-22 | Pipe Cutter 3mm-22mm | POA |
| BAH302-35 | Pipe Cutter 8mm-35mm | POA |



Huge Bahco range available from FSW.

| Code | Description | Nett Price |
|---------|------------------------|------------|
| BAH3162 | Pipe reamer Heavy Duty | POA |
| BAH3161 | Pipe Reamer Pen | POA |



| Code | Description | Nett Price |
|-------------|----------------------------|------------|
| BAH2101G160 | Ergo Side Cutters | POA |
| BAH2628G200 | Ergo Combination Pliers | POA |
| BAH220015 | VDE Screwdriver Set (5pcs) | POA |
| BAH426TOR9 | Magnetic Level | POA |
| BAH2971G250 | Waterpump Pliers | POA |
| BAH317 | Large Frame Hacksaw | POA |

Building



| Code | Description | Nett Price |
|------------|--------------------------|------------|
| BAHSL25 | Socket Set 25 Pcs | POA |
| BAHS877 | Socket Set 94 Pcs | POA |
| BAH2058S26 | Socket Set 26 Pcs (Mini) | POA |



| Code | Description | Nett Price |
|-----------|-------------------------------|------------|
| BAHS4RM3T | Ratchet Spanner Set (3pcs) | POA |
| BAH1RM13 | Ratchet Spanner 13mm * | POA |
| BAH8071 | Adjustable Wrench * | POA |
| BAH8071 | Wide Jaw Adjustable Wrench 8" | POA |

*Range of Sizes Available



| Code | Description | Nett Price |
|------------|-------------------|------------|
| BAH36118 | Stilson 18" | POA |
| BAHMTS825E | Measuring Tape 8m | POA |
| BAH42820 | Claw Hammer 20oz | POA |



Recovery Unit

Ultra-fast, high volume refrigerant recovery. The G5Twin is designed to reliably pump liquid without any need for throttling, cutting down on overall recovery time.

R32 ready!

At only 24lbs, the industry-leading G5Twin (240V) is the smallest and lightest recovery machine capable of handling the tough demands of industrial/commercial refrigerant recovery - no job is too big for this little beast. Designed for use with all common refrigerants, including R410A, the G5Twin pumps liquid and vapor without throttling. Featuring twin cylinders, twin condensers, a refrigerant-isolated crankcase and a turbine fan blasting over 700cfm of airflow for cool, durable, powerful operation.



| Code | Description | Nett Price |
|------------|-------------|------------|
| APP G5TWIN | 240 Volt | POA |
| APP G5TWIN | 110 Volt | POA |

| G5Twin | Product Specifications |
|--------|---|
| Dims | 11.38 in x 10.30 in x 9.40 in 289 mm x 262 mm x 239 mm |
| Weight | 24 lbs, 11 kg |
| Power | 115 VAC, 60 Hz, 10 Amps Int'l: 230 VAC, 50 Hz, 5 Amps |



Manifold Gauges

We now stock three 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.



spare parts available

R32 ready!

| Code | Description | Nett Price |
|-------------|---------------------------|------------|
| VMG-4-R134A | R134a, R404A, R407C & R22 | POA |
| VMG-4-410A | Reads 410A Only | POA |
| VMG-4-R32 | Reads R32 Only | POA |



Vacuum Pump

R32 Ready!

The TEZ8 was the first vacuum pump designed from the ground up with the needs of an AC/R technician in mind. From the high-flow, multi-port input tree to the 5-Second Oil Change™, every aspect of the TEZ8 is designed for the fastest evacuation. With clean oil and full flow the TEZ8 can save hours, save days, and save money.



| Code | Description | Nett Price |
|----------|-------------|------------|
| APP TEZ8 | 240 Volt | POA |
| APP TEZ8 | 110 Volt | 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 etc, with 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 seven heads 3/8, 1/2, 5/8, 3/4, 7/8, 1-1/8, 1-3/8 and a blow moulded carry case.

| Code | Description | Nett Price |
|---------|--|------------|
| VST-29A | Compact Hydraulic Tube Expander Inc. Seven Heads | POA |

Replacement Tube Expander Heads for VHE & VST-29A Models

| SPARE 3/8" HEAD | SPARE 1/2" HEAD | SPARE 5/8" HEAD | SPARE 3/4" HEAD | SPARE 7/8" HEAD | SPARE 1 1/8" HEAD | SPARE 1 3/8" HEAD |
|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1-1/8 | 1-3/8 |



Flaring Tool



The Value® VFT-808 not only looks great 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 | Description | Nett Price |
|-----------|--------------|------------|
| VFT-808-I | Flaring Tool | POA |



Digital Scales



The NAVTEK NRS3i01 Bluetooth Electronic Refrigerant Scale is designed and reinforced with advanced technology, providing more precise and portable refrigerant charging technology.

Through the bluetooth connection, you can perform other tasks while charging. While real-time refrigerant charge is transmitted to the handheld device, it will buzz when the charge is within 50 grams of the setting to alert the operator to stop the charging once the setting is reached. The heavy duty magnesium alloy weighing pan and ergonomic, one-piece, portable design make it lighter and easier to carry.

| Model | Description | Nett Price |
|-------------|------------------------------|------------|
| VRS-120I-01 | Navtek Charging Scales 120KG | POA |



Tube Cutters



VTC-42



VTC-28B



VTC-70



VTC-28

Spare parts available



| Code | Description | Nett Price |
|---------|-----------------------------------|------------|
| VTC-19 | Mini Pipe Cutters 1/8" - 3/4" | POA |
| VTC-28 | Compact Pipe Cutter 1/8" - 1-1/8" | POA |
| VTC-28B | Pipe Cutters 1/8" - 1-1/8" | POA |
| VTC-32 | Pipe Cutters 1/8" - 1-1/4" | POA |
| VTC-42 | Pipe Cutters 1/4" - 1-5/8" | POA |
| VTC-70 | Large Pipe Cutters 1/4" - 2-5/8" | POA |



Test Meters



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.

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 temperatures between -40°C to +1000°C. Test leads, K probe & 9V battery included.



| Code | Description | Nett Price |
|---------|---------------------|------------|
| VCM-202 | Clamp Meter | POA |
| VDM-151 | Digital Multi Meter | POA |



Electrical Cables & Accessories

Electrical Cables

There are three types of electrical cable available; screened cable, flex cable and NYM-J cable.



All electrical cable is low smoke zero halogen

| Code | Description | Nett Price |
|------------------|----------------------|------------|
| CABLELIYCYLSF275 | Screened Cable - 275 | POA |
| CABLELIYCYLSF215 | Screened Cable - 215 | POA |
| CABLEFLEXLS/H2X | FLEX- 2X.75 | POA |
| CABLEFLEXLS/H3X1 | Flex Cable - 3 x 1.5 | POA |
| CABLENYMJLS3/1.5 | NYM-J Cable - MJ3 | POA |
| CABLENYMJLS4/1.5 | NYM-J Cable - MJ4 | POA |
| CABLENYMJLS5/1.5 | NYM-J Cable - MJ5 | POA |

OBO Junction Boxes

OBO can offer a large range of many different types of junction box for every installation requirement in the different areas of application. OBO Cable junction boxes from FSW available in small and large.



| Code | Description | Nett Price |
|----------------|----------------------|------------|
| JOBO JUNCTION | Junction Box - Small | POA |
| JOBO BOX LARGE | Junction Box - Large | POA |

Plastic Glands

Fire retardant, plastic gland kit that provides a wiring solution from FSW. Suitable for bottom, side or top entry.



| Code | Description | Nett Price |
|------------|----------------|------------|
| 20MM GLAND | Plastic Glands | POA |

Isolators, Circuit Breakers and Detectors



| Code | Description | Nett Price |
|-----------------------|--|------------|
| ISOLATOR 25AMP 3 | Isolator - 25AMP 3 | POA |
| ISOLATOR 32AMP 3 | Isolator - 32AMP 3 | POA |
| ISOLATOR 40AMP 3 POLE | Isolator - 40AMP 3 pole | POA |
| MCB1 20A | Single Pole 20a Hager Mcb | POA |
| RCBO 16AMP | RCBO 6ka B Curve 16amp 30ma Class A 2 Pole 2 Mod | POA |

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DUBLIN 12, D12 XC7H
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