



**CLIMATE CONTROLS  
& SPARES** UK LTD



# Refrigeration & Air Conditioning Catalogue 2016



For all your Daikin Spares & Equipment



|                                            |       |  |    |
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Ordering from us is quick and easy. You can order online through our website at **[www.climatecontrolsandspares.co.uk](http://www.climatecontrolsandspares.co.uk)** or by Telephone on **01752 894777**

Orders placed before 3pm will be shipped on a next day delivery.  
Standard UK Mainland Next Day Delivery £6.50 + Vat

**(Some items due to weight or dimensions may occur additional shipping charges.)**

Although we have tried to put a comprehensive range of products in our catalogue If you can't find what you are looking for please contact us and we will be happy to help source any of your requirements. You can also call in Person to our Trade Counter: Unit 3-4 Beech Road Business Park, Beech Road, Cadleigh, Ivybridge, Devon PL21 9HN

Warranty: Full manufacturers warranty is given on all products subject to Standard Terms and Conditions. Full details on Terms and Conditions are available upon request E.&O.E.

If Technical assistance is required with the selection of any replacement items or a detailed quotation for an installation package i.e. Evaporators, Condensing Units, Condensers or a Pipe work layout please contact our technical sales department on 01752 894777 or you can E-Mail: [info@climatecontrolsandspares.co.uk](mailto:info@climatecontrolsandspares.co.uk)

Climate Controls and Spares are a Daikin Distributor. For your Daikin Equipment Price List please contact us and we will send one out to you.

**You can also visit our Daikin website at [www.daikinonline.co.uk](http://www.daikinonline.co.uk)**

**Quotations for Bulk Purchases and Re-Sellers are available upon request**

Prices are correct at the time of going to print but may be subject to change without notice. Where a product is unavailable an equivalent alternative may be offered.

All prices are net and subject to Vat  
\*\*\*Terms and Conditions apply\*\*\*  
(Available upon request) or from our website

## C1 Partnership



C1 Partnership Scheme

Climate Controls is pleased to announce that the C1 Partnership scheme is now available. This is a special partnership available to our customers who are interested in working in partnership and are committed to developing a mutually beneficial and rewarding business relationship.

The C1 programme is readily available to our loyal customers who want to develop their Daikin equipment sales through Climate Control and Spares.

C1 partnership is guaranteed 'Added Value' to your business whilst providing a boost of confidence for your customers who can be assured they're dealing with a professional company that is serious about the work they carry out and the customers they connect with.

There are many benefits for making the decision to become a C1 Partner and they could greatly aid your business and goals.

- Turnover Rebates
- 5 Year Commercial Warranty\*
- Free Listing on our Website and Referrals to end clients
- Priority Service
- Training & Support

## For all your Daikin Spares & Equipment



Daikin air conditioning solutions provide comfort all year round for commercial applications ranging from restaurants and offices to shops, hotels and banks.

Daikin air conditioners use renewable energy from the air to reduce fuel bills and CO2 emissions.

### Wide product range

Daikin offers the most complete portfolio of products on the market.

### Integrated solutions

Daikin's air conditioning range can be combined with heating and ventilation systems, air curtains, refrigeration units and hot water provision to create a fully integrated, easy to control solution.

### Trusted support

Daikin offers complete after sales support in each country to bring total comfort and peace of mind to its customers around the world.

Award-winning design

FORM. FUNCTION. REDESIGNED.



Design is everything. It is devotion to design that creates sleek, elegant climate control; smart technology that ensures the ultimate in comfort for contemporary interiors.

### AWARD WINNING DESIGN

Daikin Europe N.V. is proud to announce that Daikin Emura has been awarded with Reddot design award 2014. Daikin Emura was evaluated by an international jury that only awards this seal of quality to a project that sets itself apart significantly from comparable projects thanks to its excellent design



**reddot award 2014**  
winner



Copper Tube (Refrigeration Grade)

15 metre coil

| Code | Size |   | Gauge | Net Price |
|------|------|---|-------|-----------|
| A800 | 1/4  | x | 22    | £ 9.59    |
| A801 | 3/8  | x | 21    | 16.92     |
| A802 | 1/2  | x | 21    | 23.87     |
| A803 | 5/8  | x | 20    | 32.71     |
| A804 | 3/4  | x | 19    | 45.05     |
| A805 | 7/8  | x | 19    | 54.51     |

LAWTON  
TUBES

The nations copper specialist



30 metre coil

|      |           |   |     |         |
|------|-----------|---|-----|---------|
| A806 | 1/4" o.d. | x | 21g | £ 19.18 |
| A807 | 3/8       | x | 22  | 33.85   |
| A808 | 1/2       | x | 21  | 46.19   |
| A809 | 5/8       | x | 21  | 65.41   |
| A810 | 3/4       | x | 20  | 87.63   |



3 metre straight

|      |           |   |     |        |
|------|-----------|---|-----|--------|
| A815 | 3/8" o.d. | x | 21g | £ 3.23 |
| A816 | 1/2       | x | 20  | 4.92   |
| A817 | 5/8       | x | 20  | 6.21   |
| A818 | 3/4       | x | 19  | 8.25   |
| A819 | 7/8       | x | 18  | 11.51  |
| A820 | 1-1/8     | x | 18  | 14.99  |
| A821 | 1-138     | x | 16  | 19.32  |
| A822 | 1-5/8     | x | 18  | 22.94  |
| A823 | 2-1/8     | x | 18  | P.O.A. |
| A824 | 2-5/8     | x | 18  | P.O.A. |
| A825 | 3-1/8     | x | 16  | P.O.A. |
| A826 | 3-5/8     | x | 16  | P.O.A. |
| A827 | 4-1/8     | x | 14  | P.O.A. |



6 metre straight

|      |           |   |     |        |
|------|-----------|---|-----|--------|
| A764 | 3/8" o.d. | x | 21g | £ 6.48 |
| A765 | 1/2       | x | 20  | 9.82   |
| A766 | 5/8       | x | 20  | 12.42  |
| A767 | 3/4       | x | 19  | 16.50  |
| A824 | 7/8       | x | 18  | 23.02  |
| A769 | 1-1/8     | x | 18  | 30.00  |
| A770 | 1-3/8     | x | 18  | 38.63  |
| A771 | 1-5/8     | x | 18  | 45.88  |
| A772 | 2-1/8     | x | 18  | P.O.A. |
| A781 | 2-1/8     | x | 16  | P.O.A. |
| A782 | 2-1/8     | x | 14  | P.O.A. |
| A773 | 2-5/8     | x | 16  | P.O.A. |
| A783 | 2-5/8     | x | 14  | P.O.A. |
| A784 | 2-5/8     | x | 12  | P.O.A. |
| A774 | 3-1/8     | x | 16  | P.O.A. |
| A785 | 3-1/8     | x | 14  | P.O.A. |
| A786 | 3-1/8     | x | 12  | P.O.A. |
| A787 | 3-5/8     | x | 16  | P.O.A. |
| A788 | 3-5/8     | x | 14  | P.O.A. |
| A789 | 3-5/8     | x | 12  | P.O.A. |
| A790 | 4-1/8     | x | 16  | P.O.A. |
| A791 | 4-1/8     | x | 14  | P.O.A. |
| A792 | 4-1/8     | x | 12  | P.O.A. |



Please note: Copper Tube prices are based on the L.M.E. rate and therefore we cannot guarantee to hold these prices.

Water Tube and Fittings

Half Hard x 3m Length Water Tube

| Code | Size      | Net Price |
|------|-----------|-----------|
| N100 | 15mm o.d. | £ 4.88    |
| N101 | 22mm      | 9.76      |
| N102 | 28mm      | 12.38     |



Solder Elbow

|      |      |                  |        |
|------|------|------------------|--------|
| N250 | 15mm | Copper x Copper  | £ 0.17 |
| N251 | 22mm | Copper x Copper  | 0.67   |
| N252 | 28mm | Copper x Copper  | 0.96   |
| N115 | 15mm | Fitting x Copper | 0.39   |
| N116 | 22mm | Fitting x Copper | 1.27   |
| N117 | 28mm | Fitting x Copper | 3.74   |



Solder Coupling

|      |      |                 |        |
|------|------|-----------------|--------|
| N242 | 15mm | Copper x Copper | £ 0.18 |
| N243 | 22mm | Copper x Copper | 0.49   |
| N244 | 28mm | Copper x Copper | 0.72   |



Solder Tee

|      |      |                 |        |
|------|------|-----------------|--------|
| N260 | 15mm | Copper x Copper | £ 0.44 |
| N261 | 22mm | Copper x Copper | 1.29   |
| N262 | 28mm | Copper x Copper | 1.65   |



Solder End Cap

|      |      |                 |        |
|------|------|-----------------|--------|
| N267 | 15mm | Copper x Copper | £ 0.41 |
| N268 | 22mm | Copper x Copper | 0.64   |
| N269 | 28mm | Copper x Copper | 0.79   |



Solder Wire

|      |        |                       |        |
|------|--------|-----------------------|--------|
| M035 | 1/2 kg | Solder Wire Tin/Lead  | £ 4.75 |
| M036 | 1/2 kg | Solder Wire Lead Free | 9.84   |



Evaporator Drain Pan Adaptor

Drain Tray Adaptor fits most common evaporators such as Friga Bohn and Luve. Most commonly used with the N167 Brass 22mm to 1" female BSP elbow reducer. (N157 Straight reducer also fits adaptor.)

| Code | Description                      | Net Price |
|------|----------------------------------|-----------|
| N190 | 1" Male BSP Drain Outlet Adaptor | £ 12.96   |



NB: Some of the smaller panel cooler evaporators come with a 3/4" BSP male threaded plastic adaptor. For these outlets please choose the N156 (straight) or N166 (elbow) brass adaptors listed above.

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Please note: Copper Tube prices are based on the L.M.E. rate and therefore we cannot guarantee to hold these prices



## Water Fittings

### Compression Coupler

| Code | Size |       | Net Price |
|------|------|-------|-----------|
| N145 | 15mm | C x C | £ 0.88    |
| N146 | 22mm |       | 1.51      |
| N147 | 28mm |       | 2.89      |



### Compression Straight

|      |      |        |            |        |
|------|------|--------|------------|--------|
| N150 | 15mm | x 1/2" | Male BSP   | £ 0.74 |
| N151 | 22mm | x 3/4" |            | 1.21   |
| N152 | 22mm | x 1"   |            | 1.93   |
| N155 | 15mm | x 1/2" | Female BSP | £0.83  |
| N156 | 22mm | x 3/4" |            | 1.27   |
| N157 | 22mm | x 1"   |            | 2.22   |



N157



### Compression Elbow

|      |      |        |            |        |
|------|------|--------|------------|--------|
| N160 | 15mm | C x C  |            | £ 0.88 |
| N161 | 22mm |        |            | 1.67   |
| N162 | 28mm |        |            | 3.36   |
| N165 | 15mm | x 1/2" | Female BSP | £ 1.64 |
| N167 | 22mm | x 1"   |            | 2.45   |



N167

### Compression Tee

|      |      |           |        |
|------|------|-----------|--------|
| N170 | 15mm | Equal Tee | £ 1.33 |
| N171 | 22mm |           | 2.96   |
| N172 | 28mm |           | 4.44   |



## Accessories

| Code | Description                     | Net Price |
|------|---------------------------------|-----------|
| M054 | PTFE Tape                       | £ 0.38    |
| M053 | Jetlube V2 Plus 300gr           | 8.78      |
| Q694 | Flux Brushes Set 3              | 2.98      |
| M039 | La-Co Flux 475g                 | 9.76      |
| M038 | Fernox LSX Leak Seal 50g        | 4.50      |
| Q001 | Rothenberg 15mm Pipe Slice      | 13.71     |
| Q002 | Rothenberg 22mm Pipe Slice      | 15.60     |
| N415 | Rothenberg 59010 10mm PLASTICUT | 7.18      |
| N416 | Rothenberg 59015 15mm PLASTICUT | 7.49      |
| N417 | Rothenberg 59022 22mm PLASTICUT | 8.21      |
| N418 | Rothenberg 59028 28mm PLASTICUT | 10.25     |



For quick, clean and right angled cuts on plastic pipes

#### Key Features

Fast Cut: Quick cutting with just a few turns

Flexible casing, allows cutting on smaller diameters

Less space required, ideal for hard-to-reach places

No deformation of the pipe: self-clamping and self-alignment

Readjustment not necessary



## Tube Insulation

Class "0" sleeve insulation material. Meets both class "1" and class "0" building regulations to BS 476 parts 6 & 7.



### 2m Length x 9mm wall

| Code |      | Bore      | Lengths/Carton | Net Price |
|------|------|-----------|----------------|-----------|
| A355 | 06-9 | 1/4" i.d. | 135            | £ 1.09    |
| A356 | 10-9 | 3/8       | 95             | 1.12      |
| A357 | 12-9 | 1/2       | 85             | 1.16      |
| A358 | 15-9 | 5/8       | 70             | 1.19      |
| A359 | 20-9 | 3/4       | 55             | 1.46      |
| A360 | 22-9 | 7/8       | 50             | 1.18      |
| A361 | 28-9 | 1-1/8     | 40             | 1.64      |
| A363 | 42-9 | 1-5/8     | 25             | 2.48      |

### 2m Length x 13mm wall

|      |       |           |    |        |
|------|-------|-----------|----|--------|
| A366 | 06-13 | 1/4" i.d. | 72 | £ 1.23 |
| A367 | 10-13 | 3/8       | 65 | 1.31   |
| A368 | 12-13 | 1/2       | 60 | 1.46   |
| A369 | 15-13 | 5/8       | 50 | 1.53   |
| A370 | 20-13 | 3/4       | 40 | 2.78   |
| A371 | 22-13 | 7/8       | 35 | 1.91   |
| A372 | 28-13 | 1-1/8     | 30 | 2.17   |
| A373 | 35-13 | 1-3/8     | 24 | 2.52   |
| A374 | 42-13 | 1-5/8     | 19 | 3.32   |
| A375 | 54-13 | 2-1/8     | 15 | 4.08   |
| A376 | 67-13 | 2-5/8     | 13 | 5.68   |



### 2m Length x 19mm wall

|      |       |           |    |        |
|------|-------|-----------|----|--------|
| A380 | 10-19 | 3/8" i.d. | 40 | £ 1.83 |
| A381 | 12-19 | 1/2       | 35 | 1.86   |
| A382 | 15-19 | 5/8       | 30 | 1.93   |
| A383 | 20-19 | 3/4       | 25 | 2.17   |
| A384 | 22-19 | 7/8       | 22 | 2.38   |
| A385 | 28-19 | 1-1/8     | 20 | 3.24   |
| A386 | 35-19 | 1-3/8     | 15 | 3.76   |
| A387 | 42-19 | 1-5/8     | 14 | 4.44   |
| A388 | 54-19 | 2-1/8     | 11 | 6.87   |
| A389 | 67-19 | 2-5/8     | 8  | 8.26   |
| A390 | 80-19 | 3-1/8     | 7  | 10.37  |
| A378 | 89-19 | 3-5/8     | 7  | 11.48  |



### 2m Length x 25mm wall

|      |       |       |    |        |
|------|-------|-------|----|--------|
| A331 | 15-25 | 5/8   | 18 | £ 4.69 |
| A332 | 20-25 | 3/4   | 15 | 5.04   |
| A333 | 22-25 | 7/8   | 15 | 5.14   |
| A334 | 28-25 | 1-1/8 | 13 | 5.82   |
| A335 | 35-25 | 1-3/8 | 11 | 6.47   |
| A336 | 42-25 | 1-5/8 | 9  | 6.90   |
| A337 | 54-25 | 2-1/8 | 7  | 8.13   |
| A338 | 67-25 | 2-5/8 | 5  | 10.98  |
| A339 | 76-25 | 3-1/8 | 5  | 12.38  |
| A340 | 89-25 | 3-5/8 | 5  | 13.66  |



## Coiled Insulation

Supplied coiled in a carton to prevent wastage and reduce joints. Coil lengths vary with size – see below.

### 9 mm wall Boxed

| Code | Thickness   | Length | Net Price |
|------|-------------|--------|-----------|
| A310 | 9 mm x 06mm | 40 m   | £ 16.06   |
| A312 | 9 mm x 10mm | 34 m   | 14.59     |
| A313 | 9 mm x 12mm | 31 m   | 13.40     |
| A314 | 9 mm x 15mm | 27 m   | 11.90     |
| A315 | 9 mm x 20mm | 20 m   | 12.77     |
| A316 | 9 mm x 22mm | 19 m   | 10.84     |
| A317 | 9 mm x 28mm | 14 m   | 8.58      |



### 13 mm wall - 15m Coil in a Bag

| Code | Thickness    | 15m Coils | Net Price |
|------|--------------|-----------|-----------|
| A320 | 13 mm x 06mm | 15 m      | £ 8.10    |
| A322 | 13 mm x 10mm | 15 m      | 8.48      |
| A323 | 13 mm x 12mm | 15 m      | 8.63      |
| A324 | 13 mm x 15mm | 15 m      | 8.77      |
| A325 | 13 mm x 20mm | 15 m      | 9.92      |
| A326 | 13 mm x 22mm | 15 m      | 10.84     |
| A327 | 13 mm x 28mm | 15 m      | 12.92     |



### 9 mm wall - 15m Coil in a Bag

| Code | Thickness   | 15m Coils | Net Price |
|------|-------------|-----------|-----------|
| A330 | 9 mm x 06mm | 15 m      | £ 6.03    |
| A331 | 9 mm x 10mm | 15 m      | 6.46      |
| A332 | 9 mm x 12mm | 15 m      | 6.49      |
| A333 | 9 mm x 15mm | 15 m      | 6.72      |
| A334 | 9 mm x 20mm | 15 m      | 8.27      |
| A335 | 9 mm x 22mm | 15 m      | 8.53      |
| A336 | 9 mm x 28mm | 15 m      | 9.30      |



### 1m wide x Roll-Class O

| Code | Thickness | Length m | Part No. | Net Price |
|------|-----------|----------|----------|-----------|
| A400 | 6 mm      | x 30 M   | ST-06-E  | £ 6.68    |
| A393 | 9 mm      | x 20 M   | ST-10-E  | 7.77      |
| A394 | 13 mm     | x 14 M   | ST-13-E  | 8.52      |
| A395 | 19 mm     | x 10 M   | ST-19-E  | 12.41     |
| A396 | 25 mm     | x 8 M    | ST-25-E  | 16.69     |
| A397 | 32 mm     | x 6 M    | ST-32-E  | 22.56     |



### Adhesive Tape Class O

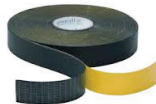
| Code | Description              | Net Price |
|------|--------------------------|-----------|
| A410 | 10m Roll Insulation Tape | £ 8.13    |
| A411 | 15m Roll Insulation Tape | 9.74      |

### Adhesive

| Code | Description      | Net Price |
|------|------------------|-----------|
| A415 | 250 ml c/w Brush | £ 4.82    |

### Paint

| Code | Description    | Net Price |
|------|----------------|-----------|
| A421 | 3/4 Litre Grey | £ 19.95   |



## Flare Fittings HVAC

### Flare Nuts - Short Forged

| Code | Size        | Type      | Net Price |
|------|-------------|-----------|-----------|
| B002 | NS4-4 1/4"  | Flare Nut | 0.73      |
| B004 | NS4-6 3/8"  | Flare Nut | 0.89      |
| B005 | NS4-8 1/2"  | Flare Nut | 1.26      |
| B006 | NS4-10 5/8" | Flare Nut | 1.71      |
| B007 | NS4-12 3/4" | Flare Nut | 3.39      |
| B008 | NS4-14 7/8" | Flare Nut | 4.79      |



### Equal Flare Connectors

| Code | Size       | Type                  | Net Price |
|------|------------|-----------------------|-----------|
| B020 | U2-4 1/4"  | Equal Flare Connector | £ 0.78    |
| B022 | U2-6 3/8"  | Equal Flare Connector | 1.45      |
| B023 | U2-8 1/2"  | Equal Flare Connector | 1.74      |
| B024 | U2-10 5/8" | Equal Flare Connector | 2.65      |
| B025 | U2-12 3/4" | Equal Flare Connector | 2.85      |



### Flare Cap Nuts

| Code | Size      | Type          | Net Price |
|------|-----------|---------------|-----------|
| B043 | N5-4 1/4" | Flare Cap Nut | £ 0.59    |
| B045 | N5-6 3/8" | Flare Cap Nut | 1.05      |
| B046 | N5-8 1/2" | Flare Cap Nut | 1.76      |



### Equal Flare Elbow

| Code | Size       | Type              | Net Price |
|------|------------|-------------------|-----------|
| B083 | E2-4 1/4"  | Equal Flare Elbow | £ 3.57    |
| B084 | E2-6 3/8"  | Equal Flare Elbow | 3.79      |
| B085 | E2-8 1/2"  | Equal Flare Elbow | 4.98      |
| B086 | E2-10 5/8" | Equal Flare Elbow | 6.75      |



### Flare Reducer, Female x Male Flare

| Code | Size                 | Type          | Net Price |
|------|----------------------|---------------|-----------|
| B049 | UR3-64 3/8"F 1/4"M   | Flare Reducer | £ 2.20    |
| B050 | UR3-84 1/2"F 1/4"M   | Flare Reducer | 1.40      |
| B051 | UR3-46 1/4"F 3/8"M   | Flare Reducer | 2.46      |
| B052 | UR3-106 5/8"F 3/8"M  | Flare Reducer | 2.79      |
| B053 | UR3-86 1/2"F 3/8"M   | Flare Reducer | 3.07      |
| B054 | UR3-48 1/4"F 1/2"M   | Flare Reducer | 3.49      |
| B055 | UR3-68 3/8"F 1/2"M   | Flare Reducer | 4.39      |
| B058 | U3-10C 5/8"F 3/8"M   | Flare Reducer | 3.57      |
| B059 | UR3-1210 1/2"F 5/8"M | Flare Reducer | 3.50      |
| B062 | UR3-86 5/8"F 3/4"M   | Flare Reducer | 5.24      |



### Fusible Plug

| Code | Size          | Type         | Net Price |
|------|---------------|--------------|-----------|
| B108 | FP-A 1/8" MPT | Fusible Plug | £ 9.56    |
| B109 | FP-B 1/4" MPT | Fusible Plug | 9.79      |
| B110 | FP-C 3/8" MPT | Fusible Plug | 9.98      |



Flare Fittings HVAC

Swivel Flare Nuts

| Code | Size   | Type                               | Net Price |
|------|--------|------------------------------------|-----------|
| B190 | DUS4-4 | 1/4 Flare x 1/4 Flare Swivel Union | £ 4.89    |
| B191 | DUS4-6 | 3/8 Flare x 3/8 Flare Swivel Union | 4.95      |
| B192 | DUS4-8 | 1/2 Flare x 1/2 Flare Swivel Union | 4.98      |



Flare Gasket

|      |       |       |              |        |
|------|-------|-------|--------------|--------|
| B123 | B2-4  | 1/4"  | Flare Gasket | £ 0.28 |
| B124 | B2-5  | 5/16" | Flare Gasket | 0.55   |
| B125 | B2-6  | 3/8"  | Flare Gasket | 0.45   |
| B126 | B2-8  | 1/2"  | Flare Gasket | 0.47   |
| B127 | B2-10 | 5/8"  | Flare Gasket | 0.49   |
| B128 | B2-12 | 3/4"  | Flare Gasket | 0.48   |
| B129 | B2-14 | 7/8"  | Flare Gasket | 0.65   |



Equal Flare Tee

|      |       |      |                 |        |
|------|-------|------|-----------------|--------|
| B133 | T2-4  | 1/4" | Equal Flare Tee | £ 2.53 |
| B135 | T2-6  | 3/8" | Equal Flare Tee | 2.59   |
| B136 | T2-8  | 1/2" | Equal Flare Tee | 3.05   |
| B137 | T2-10 | 5/8" | Equal Flare Tee | 3.49   |



Flare Tee, Branch Increasing

|      |        |             |        |
|------|--------|-------------|--------|
| B140 | TR2-46 | 1/4" x 3/8" | £ 7.06 |
|------|--------|-------------|--------|



Thread Sealant and Lubricants

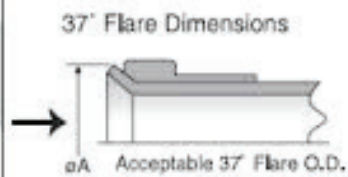
Pro-Tite adheres to internal surfaces, fills voids while forming a flexible fluid tight seal

|      |       |                          |        |
|------|-------|--------------------------|--------|
| B197 | CLL-1 | Pro-Tite Thread Sealant  | £ 3.18 |
| M171 | CO-1  | Pull a Spout Oiler 120ml | 3.28   |



Pull a Spout Oiler contains four ounces of finest quality carbon free, rust and oxidation inhibited lubricating oil

| Inch Tube O.D. (in.) | Metric Tube O.D. (mm) | 37° Flare Diameter ØA (in.) |
|----------------------|-----------------------|-----------------------------|
| 1/4                  | 6                     | .340/.360                   |
| 5/16                 | 8                     | .400/.430                   |
| 3/8                  | 10                    | .460/.490                   |
| 1/2                  | 12                    | .630/.660                   |
| 5/8                  | 15 & 16               | .760/.790                   |
| 3/4                  | 18 & 20               | .920/.950                   |
| 1                    | 25                    | 1.170/1.200                 |
| 1 1/4                | 30 & 32               | 1.480/1.510                 |
| 1 1/2                | 38                    | 1.700/1.730                 |



Line Taps

| Code | Type                                    | Net Price |
|------|-----------------------------------------|-----------|
| P008 | Line Tap BPV-31 1/4, 5/16, 3/8" (shown) | £ 3.86    |
| P010 | LT3G Line Tap Valve 3/16"               | 3.25      |
| P011 | LT4G Line Tap Valve 1/4"                | 3.49      |
| P012 | LT5G Line Tap Valve 5/16"               | 4.69      |
| P013 | LT-6G Line Tap Valve 3/8"               | 8.13      |
| P016 | CV-1G Control Valve                     | 5.19      |
| P022 | Diversitech Quick Tap QTH-1             | 2.98      |



Access Fittings

| Code | Type                                   | Net Price |
|------|----------------------------------------|-----------|
| P034 | Schraeder CU Solder 1/4" EXT (shown)   | £ 1.30    |
| P039 | 1/4" Flare Tee Access on Branch VST-44 | 3.43      |
| P040 | 1/4" Flare Tee Access on Run           | 3.25      |
| P041 | VCR-04 Quick Cap 1/4" Flare Cap        | 0.59      |



Core Removers

| Code | Type                                 | Net Price |
|------|--------------------------------------|-----------|
| P042 | PACK OF 10 Spare Schraeders          | £ 1.59    |
| P100 | Core Remover c/w Spare Cores (shown) | 8.75      |
| P105 | ITE MV3900 Core Removal Tool (shown) | 57.78     |

Model P100 is a simple core remover with spare cores in the lid.

The MV3900 tool allows the removal and replacement of the core without losing the refrigerant. It can also be used to charge through an access fitting with the core removed. This speeds up evacuation and charging considerably.



Cylinder Adaptors

| Code | Description                  | Net Price |
|------|------------------------------|-----------|
| M012 | GB-4C Brass Cylinder Adaptor | £ 3.25    |
| M014 | Nylon Cylinder Adaptor       | 2.95      |
| M016 | Valve to suit R600A/R290     | 19.97     |



Vehicle Charging Adaptors

| Code | Description             | Net Price |
|------|-------------------------|-----------|
| Q520 | 254-A Low Side Coupler  | £ 13.97   |
| Q521 | 253-A High Side Coupler | 13.97     |





## Solder Fittings HVAC

### 90°Elbow, Short Radius

| Code | Size       | Type        | Net Price |
|------|------------|-------------|-----------|
| B201 | CxC 3/8"   | 90°Elbow SR | £ 0.54    |
| B202 | CxC 1/2"   | 90°Elbow SR | 0.52      |
| B203 | CxC 5/8"   | 90°Elbow SR | 0.72      |
| B204 | CxC 3/4"   | 90°Elbow SR | 1.28      |
| B205 | CxC 7/8"   | 90°Elbow SR | 1.08      |
| B206 | CxC 1-1/8" | 90°Elbow SR | 1.33      |
| B207 | CxC 1-3/8" | 90°Elbow SR | 1.93      |

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### 90°Bend, Long Radius

|      |       |        |             |        |
|------|-------|--------|-------------|--------|
| B214 | U2-4  | 1/4"   | 90°Elbow LR | £ 1.28 |
| B215 | U2-6  | 3/8"   | 90°Elbow LR | 0.90   |
| B216 | U2-8  | 1/2"   | 90°Elbow LR | 1.03   |
| B217 | U2-10 | 5/8"   | 90°Elbow LR | 0.97   |
| B218 | U2-12 | 3/4"   | 90°Elbow LR | 1.33   |
| B219 |       | 7/8"   | 90°Elbow LR | 1.39   |
| B220 |       | 1-1/8" | 90°Elbow LR | 2.20   |
| B221 |       | 1-3/8" | 90°Elbow LR | 3.55   |

### 90°Bend, Fitting x Copper

|      |      |        |             |        |
|------|------|--------|-------------|--------|
| B230 | N5-4 | 1/2"   | 90°Bend FxC | £ 1.55 |
| B231 | N5-6 | 5/8"   | 90°Bend FxC | 1.87   |
| B232 | N5-8 | 3/4"   | 90°Bend FxC | 2.21   |
| B233 |      | 7/8"   | 90°Bend FxC | 2.32   |
| B234 |      | 1-1/8" | 90°Bend FxC | 3.71   |

### Equal Tee

|      |       |        |           |        |
|------|-------|--------|-----------|--------|
| B340 | E2-4  | 1/4"   | Equal Tee | £ 1.10 |
| B341 | E2-6  | 3/8"   | Equal Tee | 1.08   |
| B342 | E2-8  | 1/2"   | Equal Tee | 1.26   |
| B343 | E2-10 | 5/8"   | Equal Tee | 0.67   |
| B344 |       | 3/4"   | Equal Tee | 2.54   |
| B345 |       | 7/8"   | Equal Tee | 1.39   |
| B346 |       | 1-1/8" | Equal Tee | 2.93   |

### Coupling

|      |         |        |          |        |
|------|---------|--------|----------|--------|
| B355 | UR3-64  | 1/4"   | Coupling | £ 0.16 |
| B356 | UR3-84  | 3/8"   | Coupling | 0.17   |
| B357 | UR3-46  | 1/2"   | Coupling | 0.23   |
| B358 | UR3-106 | 5/8"   | Coupling | 0.34   |
| B359 | UR3-86  | 3/4"   | Coupling | 0.52   |
| B360 | UR3-48  | 7/8"   | Coupling | 0.63   |
| B361 | UR3-68  | 1-1/8" | Coupling | 0.85   |
| B362 | U3-10C  | 1-3/8" | Coupling | 1.26   |
| B363 |         | 1-5/8" | Coupling | 2.00   |
| B364 |         | 2-1/8" | Coupling | 3.47   |
| B365 |         | 2-5/8" | Coupling | 5.40   |
| B366 |         | 3-1/8" | Coupling | 9.65   |

## Solder Fittings HVAC

### Reducer – Fitting to Copper (F x C)

| Code | Size            | Type    | Net Price |
|------|-----------------|---------|-----------|
| B255 | FxC 3/8" x 1/4" | Reducer | £ 0.49    |
| B256 | 1/2" x 3/8"     | Reducer | 0.54      |
| B257 | 1/2" x 3/4"     | Reducer | 0.65      |
| B258 | 5/8" x 1/2"     | Reducer | 0.49      |
| B259 | 5/8" x 3/8"     | Reducer | 0.49      |
| B260 | 3/4" x 5/8"     | Reducer | 1.01      |
| B261 | 3/4" x 1/2"     | Reducer | 1.01      |
| B262 | 7/8" x 3/4"     | Reducer | 0.74      |
| B263 | 7/8" x 5/8"     | Reducer | 0.74      |
| B264 | 7/8" x 1/2"     | Reducer | 0.74      |
| B265 | 1-1/8" x 7/8"   | Reducer | 1.21      |
| B266 | 1-1/8" x 3/4"   | Reducer | 1.21      |
| B267 | 1-1/8" x 5/8"   | Reducer | 1.21      |
| B268 | 1-1/8" x 1/2"   | Reducer | 1.21      |
| B269 | 1-3/8" x 1-1/8" | Reducer | 1.93      |
| B270 | 1-3/8" x 7/8"   | Reducer | 1.93      |
| B272 | 1-5/8" x 1-3/8" | Reducer | 2.54      |
| B276 | 2-1/8" x 1-5/8" | Reducer | 4.75      |
| B277 | 2-1/8" x 1-3/8" | Reducer | 4.75      |
| B282 | 3-1/8" x 2-5/8" | Reducer | 12.08     |

**LAWTON**  
TUBES

The nations copper specialist



### Reducer - Copper to Copper (C x C)

|      |                 |         |        |
|------|-----------------|---------|--------|
| B286 | 1/2" x 3/8"     | Reducer | £ 0.38 |
| B289 | 5/8" x 3/8"     | Reducer | 0.41   |
| B293 | 7/8" x 5/8"     | Reducer | 0.70   |
| B295 | 1-1/8" x 7/8"   | Reducer | 1.19   |
| B297 | 1-1/8" x 5/8"   | Reducer | 1.19   |
| B298 | 1-1/8" x 1/2"   | Reducer | 1.19   |
| B299 | 1-3/8" x 1-1/8" | Reducer | 1.67   |
| B302 | 1-5/8" x 1-1/8" | Reducer | 2.93   |
| B305 | 2-5/8" x 2-1/8" | Reducer | 10.03  |

### 45°Bend

|      |        |         |        |
|------|--------|---------|--------|
| B330 | 5/8"   | 45°Bend | £ 0.43 |
| B331 | 3/4"   | 45°Bend | 2.14   |
| B332 | 7/8"   | 45°Bend | 1.80   |
| B333 | 1-1/8" | 45°Bend | 1.78   |
| B334 | 1-3/8" | 45°Bend | 2.59   |

### End Cap

|      |        |         |        |
|------|--------|---------|--------|
| B389 | 3/8"   | End Cap | £ 0.28 |
| B390 | 1/2"   | End Cap | 0.36   |
| B391 | 5/8"   | End Cap | 0.38   |
| B392 | 3/4"   | End Cap | 0.41   |
| B393 | 7/8"   | End Cap | 0.43   |
| B394 | 1-1/8" | End Cap | 0.77   |
| B395 | 1-3/8" | End Cap | 1.08   |

## Mounting Channel

### Aluminium Plain Channel

| Code | To suit           | Dimensions | Net Price |
|------|-------------------|------------|-----------|
| A600 | 3 metre x Channel | 22 x 41mm  | £ 8.87    |



### Pre Galvanised Slotted Channel

|      |                               |           |         |
|------|-------------------------------|-----------|---------|
| A603 | 3 metre x CN21A3 Medium Gauge | 21 x 41mm | £ 7.49  |
| A605 | 3 metre x CN41A3 Medium Gauge | 41 x 41mm | £ 10.68 |



### Channel Capping

|      |                                    |      |
|------|------------------------------------|------|
| A612 | CZ21/B 21 x 41mm Black PVC End Cap | 0.21 |
| A613 | CZ41/B 41 x 41mm Black PVC End Cap | 0.32 |



## Cantilever Arms

| Code | Type                        | Max Load * | Net Price |
|------|-----------------------------|------------|-----------|
| A614 | SCT-150 mm Long             | 836 kg     | £ 4.17    |
| A616 | SCT-300                     | 418        | 5.79      |
| A617 | SCT-450                     | 275        | 5.52      |
| A618 | SCT-600                     | 209        | 7.19      |
| A619 | SCT-750                     | 167        | 9.48      |
| A620 | SCT-900                     | 110        | 22.64     |
| A622 | 600mm Double Cantilever Arm |            | 12.53     |
| A623 | 750mm Webbed Cantilever Arm |            | 14.23     |



\* = Uniformly distributed load (Kgf)

## Channel Accessories

### 3 metre Length Threaded Rod

| Code | Type   | Diameter | Net Price |
|------|--------|----------|-----------|
| A629 | TR-083 | 8        | £ 1.94    |
| A630 | TR-103 | 10       | 3.77      |
| A631 | TR-123 | 12       | 4.56      |



### Lightweight Beam Clamp

|      |       |      |
|------|-------|------|
| A632 | BD-10 | 2.52 |
|------|-------|------|



### Spring Loaded Channel Nuts

|      |        |    |      |
|------|--------|----|------|
| A634 | SNS 08 | 8  | 0.14 |
| A646 | SNS 10 | 10 | 0.21 |
| A636 | SNS 12 | 12 | 0.29 |
| A639 | SNL 08 | 8  | 0.16 |
| A640 | SNL 10 | 10 | 0.22 |
| A641 | SNL 12 | 12 | 0.31 |



Use SNS (Short Spring) for 21 mm deep channel.  
Use SNL (Long Spring) for 41 mm.

## Channel Accessories

### Plain Channel Nuts

| Code | Type   | Dimensions | Net Price |
|------|--------|------------|-----------|
| A643 | SNA 06 | 6 mm       | £ 0.13    |
| A644 | SNA 08 | 8          | 0.14      |
| A645 | SNA 10 | 10         | 0.16      |
| A646 | SNA 12 | 12         | 0.19      |



### HT Set Screws

|      |        |                  |        |
|------|--------|------------------|--------|
| A648 | HS 625 | 6mm x 25 mm Long | £ 0.14 |
| A650 | HS 825 | 8mm x 25         | 0.19   |
| A652 | HS1020 | 10mm x 20        | 0.24   |
| A654 | HS1030 | 10mm x 30        | 0.33   |
| A656 | HS1230 | 12mm x 25        | 0.52   |
| A658 | HS1240 | 12mm x 25        | 0.57   |



### Hexigon Nuts

|      |        |      |        |
|------|--------|------|--------|
| A660 | HEX 6  | 6 mm | £ 0.10 |
| A661 | HEX 8  | 8    | 0.10   |
| A662 | HEX 10 | 10   | 0.15   |
| A663 | HEX 12 | 12   | 0.20   |



### Flat Washers

|      |       |      |        |
|------|-------|------|--------|
| A665 | FW 6  | 6 mm | £ 0.05 |
| A666 | FW 8  | 8    | 0.05   |
| A667 | FW 10 | 10   | 0.05   |
| A668 | FW 12 | 12   | 0.10   |



### Shakeproof Washers

|      |       |      |        |
|------|-------|------|--------|
| A670 | SPW 6 | 6 mm | £ 0.05 |
| A671 | SPW 8 | 8    | 0.05   |
| A672 | SPW10 | 10   | 0.10   |
| A673 | SPW12 | 12   | 0.10   |



### Penny Washers

|      |         |                  |        |
|------|---------|------------------|--------|
| A675 | PW25 6  | 6mm x 25 mm long | £ 0.05 |
| A676 | PW25 8  | 8mm x 25         | 0.07   |
| A677 | PW32 8  | 10mm x 32        | 0.08   |
| A678 | PW25 10 | 10mm x 25        | 0.09   |
| A679 | PW32 10 | 12mm x 32        | 0.10   |



### Adaptor Plates

|      |        |            |             |        |
|------|--------|------------|-------------|--------|
| A682 | CS1/10 | One Hole   | 40 x 40 mm  | £ 0.31 |
| A683 | CS2    | Two Hole   | 87 x 40 mm  | 0.65   |
| A684 | CS3    | Three Hole | 123 x 40 mm | 0.85   |
| A687 | CS7    | Three Hole | Flat Angle  | 1.53   |
| A690 | CS8    | Four Hole  | Flat Tee    | 1.94   |
| A692 | CS12   | Two Hole   | Angle       | 0.70   |
| A693 | CS13   | Three Hole | Angle       | 1.00   |



### Roofing Nuts and Bolts (Pack of 100)

|      |         |        |
|------|---------|--------|
| A580 | M6 x 12 | £ 4.49 |
| A581 | M6 x 20 | 4.49   |
| A582 | M6 x 40 | 4.49   |
| A583 | M8 x 25 | 8.57   |
| A584 | M8 x 50 | 12.86  |



### Threaded Rod Connectors

|      |     |        |
|------|-----|--------|
| A624 | M6  | £ 0.15 |
| A625 | M8  | 0.15   |
| A626 | M10 | 0.15   |





## Cable Tray

Pre-galvanised cable tray. Medium duty tray has a return flange for extra strength.

### 3 Metre Length – Light Duty

| Code | Size                     | Net Price |
|------|--------------------------|-----------|
| A490 | 50 mm wide x 12mm flange | £ 5.99    |
| A491 | 75 mm                    | 7.74      |
| A492 | 100 mm                   | 9.61      |
| A493 | 150 mm                   | 12.86     |



### 3 Metre Length – Medium Duty

|      |                           |       |
|------|---------------------------|-------|
| A501 | 100 mm wide x 25mm flange | 8.68  |
| A502 | 150 mm                    | 13.77 |
| A503 | 225 mm                    | 20.25 |
| A504 | 300 mm                    | 27.36 |



### Coupling Kits

|      |                            |        |
|------|----------------------------|--------|
| A520 | Coupling Kit for 25mm Tray | £ 2.29 |
|------|----------------------------|--------|

## Basket Tray 55mm Width x 3m

Basket tray is constructed from mesh wire and offers a much lighter installation than conventional cable tray.

| Code | Width  | Net Price |
|------|--------|-----------|
| A010 | 60 mm  | £7.95     |
| A011 | 100 mm | 8.79      |
| A012 | 150 mm | 9.98      |
| A013 | 200 mm | 19.54     |
| A014 | 300 mm | 22.15     |
| A015 | 400 mm | 30.08     |
| A016 | 500 mm | 38.69     |
| A017 | 600 mm | 47.02     |



## Basket Tray Accessories - Pemsaj-Rejiband Cable Management

### Quick Fit Connector (each)

| Code | Model    | To Fit                                                                     | Net Price |
|------|----------|----------------------------------------------------------------------------|-----------|
| A020 | 64020061 | 60 to 150 2 Required<br>200 to 300 2+1 Required<br>400 to 600 2+2 Required | £ 0.90    |



### Click Connector (each)

|      |          |                                                                            |        |
|------|----------|----------------------------------------------------------------------------|--------|
| A028 | 64020030 | 60 to 150 2 Required<br>200 to 300 2+1 Required<br>400 to 600 2+2 Required | £ 1.28 |
|------|----------|----------------------------------------------------------------------------|--------|



### Fast Clip Connector (each)

|      |          |                                  |        |
|------|----------|----------------------------------|--------|
| A030 | 64020072 | Easy and quick making of curves. | £ 0.69 |
|------|----------|----------------------------------|--------|

### M8 M10 Click Central Suspension (each)

|      |          |            |        |
|------|----------|------------|--------|
| A035 | 67020043 | 8-10mm Rod | £ 2.43 |
|------|----------|------------|--------|

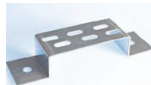
### Side Support 60

|      |          |                                                     |        |
|------|----------|-----------------------------------------------------|--------|
| A036 | 62021060 | For fixing 60x60 to the wall or suspending on a rod | £ 1.61 |
|------|----------|-----------------------------------------------------|--------|



### Stand Off Bracket (each)

|      |          |               |        |
|------|----------|---------------|--------|
| A045 | 67020520 | 100mm Bracket | £ 3.38 |
| A046 | 67020522 | 200mm         | 4.53   |
| A047 | 67020524 | 300mm         | 5.47   |



### Universal Support Bracket (each)

|      |          |                         |        |
|------|----------|-------------------------|--------|
| A060 | 62021104 | 100mm Universal Bracket | £ 3.88 |
| A061 | 62021154 | 150mm Universal Bracket | 3.42   |
| A062 | 62021204 | 200mm Universal Bracket | 3.77   |
| A063 | 62021304 | 300mm Universal Bracket | 4.49   |
| A064 | 62021404 | 400mm Universal Bracket |        |



Bends, Tees, Risers, Reducers and Cross Overs are also available

## Fixings

### Expanding Bolts

| Code | Model   | Style               | Net Price |
|------|---------|---------------------|-----------|
| A570 | M8-10P  | Thunder Bolt each   | £ 1.07    |
| A569 | M10-10P | Thunder Bolt each   | 1.92      |
| A571 | M8-10L  | Rawl Bolt Type each | 0.99      |
| A572 | M10-10L | Rawl Bolt Type each | 1.20      |
| A574 | WA-8    | Wedge Anchor        | 0.32      |
| A575 | WA-10   | Wedge Anchor        | 0.38      |



### Self Tapping Screws BZP P/H Cross (Pack of 200)

|      |               |                            |         |
|------|---------------|----------------------------|---------|
| A565 | 3/4" x No 8   | Self Tappers BZP P/H Cross | £ 10.70 |
| A567 | 1" x No 8     | Self Tappers BZP P/H Cross | 13.75   |
| A568 | 1-1/4" x No 8 | Self Tappers BZP P/H Cross | 18.09   |
| A569 |               | 615 pcs Selection Kit      | 23.95   |



### Plasterboard Fixings (Pack of 100)

|      |            |                                 |         |
|------|------------|---------------------------------|---------|
| A698 | 38 mm Long | Zinc Alloy complete with Screws | £ 15.81 |
|------|------------|---------------------------------|---------|



### Wood Screws (Pack of 200)

|      |                               |                        |        |
|------|-------------------------------|------------------------|--------|
| A575 | 3.5 X 16 STL PZ CSK Chipboard | Screw No.(6 x 5/8")    | £ 2.43 |
| A576 | 3.5 X 30 STL PZ CSK Chipboard | Screw No.(6 x 1-1/4")  | 2.57   |
| A584 | 4 X 20 STL PZ CSK Chipboard   | Screw No.(8 x 1")      | 1.95   |
| A586 | 4 X 40 STL PZ CSK Chipboard   | Screw No.(8 x 1-1/2")  | 2.43   |
| A590 | 5 X 40 STL PZ CSK Chipboard   | Screw No.(10 x 1-1/2") | 3.54   |
| A593 | 5 X 50 STL PZ CSK Chipboard   | Screw No.(10 x 2")     | 4.54   |
| A595 | 5 X 60 STL PZ CSK Chipboard   | Screw No.(10 x 2-1/2") | 5.73   |



### Vortex Screws (Pack 200) Hardwood, MDF and Decking. Wood to Plastic or Sheet Metal

|       |                                                 |        |
|-------|-------------------------------------------------|--------|
| A584V | 4 X 20 STL PZ CSK Vortex Screw No.(8 x 1")      | £ 2.98 |
| A586V | 4 X 40 STL PZ CSK Vortex Screw No.(8 x 1-1/2")  | 5.16   |
| A589V | 5 X 30 STL PZ CSK Vortex Screw No.(10 x 1-1/4") | 5.49   |
| A590V | 5 X 30 STL PZ CSK Vortex Screw No.10 x (1-1/2") | 6.67   |



### Plastic Wall Plugs (Pack of 1000)

|      |                  |                                   |        |
|------|------------------|-----------------------------------|--------|
| A595 | Talon Red Plug   | To suit Screw Sizes 6, 8 and 10   | £ 4.93 |
| A598 | Talon Brown Plug | To suit Screw Sizes 10, 12 and 14 | 7.23   |



### All Round Band Fastening 10M Roll x 17mm wide

|      |            |                        |        |
|------|------------|------------------------|--------|
| L400 | ARB17-GALV | Galvanised Fixing Band | £10.15 |
| L402 | ARB17-BLK  | Black PVC Fixing Band  | 10.79  |



### Drill Bits

| Code | Description                                            | Net Price |
|------|--------------------------------------------------------|-----------|
| Q415 | Rothenberger Flat Wood Bit 10mm                        | £ 4.79    |
| Q416 | Rothenberger Flat Wood Bit 13mm                        | 4.85      |
| Q417 | Rothenberger Flat Wood Bit 16mm                        | 5.57      |
| Q418 | Rothenberger Flat Wood Bit 19mm                        | 5.97      |
| Q419 | Rothenberger Flat Wood Bit 22mm                        | 5.80      |
| Q420 | Rothenberger Flat Wood Bit 25mm                        | 6.06      |
| Q441 | Rothenberger HSS Drill Bit Set 19pcs 1mm/10mm Titanium | 23.21     |
| Q444 | SDS Drill Bit Set 5pce                                 | 8.49      |
| Q446 | SDS Drill Bit 5.5 mm x 160 mm                          | 1.64      |
| Q447 | SDS Drill Bit 7.0 mm x 160 mm                          | 1.79      |
| Q448 | Drill Bit Masonry 5.5mm x 150 mm                       | 1.76      |
| Q449 | Drill Bit Masonry 7.0mm x 150 mm                       | 1.76      |
| Q450 | Rothenberger 6" No.10 Drill Bit Masonry 5.5mm x 150 mm | 2.77      |
| Q451 | Rothenberger 6" No.14 Drill Bit Masonry 7.0 x 150mm    | 3.35      |
| Q465 | Rothenberger Dry Diamond Core Drill Set 89023          | 118.95    |
| Q003 | Rothenberger 9pce Holesaw Kit 114202                   | 28.61     |





BBJ Trunking

Duct End Cap

| Code | Part No. | Description     | Net Price |                                                                                     |
|------|----------|-----------------|-----------|-------------------------------------------------------------------------------------|
| A914 | B6029    | DC-70 Duct Cap  | £ 2.15    |  |
| A915 | B6028    | DC-105 Duct Cap | 2.60      |                                                                                     |

Outlet Cover

|      |       |                     |        |                                                                                     |
|------|-------|---------------------|--------|-------------------------------------------------------------------------------------|
| A916 | B6050 | WC-70 Outlet Cover  | £ 4.98 |  |
| A917 | B6049 | WC-105 Outlet Cover | 8.49   |                                                                                     |

Flat Bend

|      |       |                               |        |                                                                                     |
|------|-------|-------------------------------|--------|-------------------------------------------------------------------------------------|
| A921 | B6039 | FB-70 Flat Bend - Horizontal  | £ 4.50 |  |
| A922 | B6038 | FB-105 Flat Bend - Horizontal | 8.43   |                                                                                     |

Internal Elbow

|      |       |                                  |        |                                                                                     |
|------|-------|----------------------------------|--------|-------------------------------------------------------------------------------------|
| A926 | B6035 | EB-70 Internal Elbow - Vertical  | £ 3.98 |  |
| A927 | B6034 | EB-105 Internal Elbow - Vertical | 8.64   |                                                                                     |

Sockets

|      |       |               |        |                                                                                     |
|------|-------|---------------|--------|-------------------------------------------------------------------------------------|
| A931 | B6025 | CP-70 Socket  | £ 1.66 |  |
| A932 | B6022 | CP-105 Socket | 3.29   |                                                                                     |

T-Joint

|      |       |                |         |                                                                                      |
|------|-------|----------------|---------|--------------------------------------------------------------------------------------|
| A935 | B6788 | TJ-105 T-Joint | £ 17.69 |  |
|------|-------|----------------|---------|--------------------------------------------------------------------------------------|

Flexible Joint

|      |       |                       |        |                                                                                       |
|------|-------|-----------------------|--------|---------------------------------------------------------------------------------------|
| A939 | B6043 | FJ-70 Flexible Joint  | £ 3.18 |  |
| A940 | B6042 | FJ-105 Flexible Joint | 6.32   |                                                                                       |

Duct End

|      |       |                |        |                                                                                       |
|------|-------|----------------|--------|---------------------------------------------------------------------------------------|
| A952 | B6031 | DE-70 Duct End | £ 3.44 |  |
| A953 | B6030 | DE-70 Duct End | 4.10   |                                                                                       |

External Bend

|      |       |                         |        |                                                                                       |
|------|-------|-------------------------|--------|---------------------------------------------------------------------------------------|
| A954 | B6037 | EIN-70 Exterior Corner  | £ 3.75 |  |
| A955 | B6038 | EIN-105 Exterior Corner | 8.97   |                                                                                       |

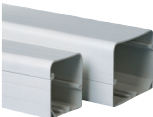
Wall Rosette

|      |       |                     |        |                                                                                       |
|------|-------|---------------------|--------|---------------------------------------------------------------------------------------|
| A970 | B6053 | WR-70 Wall Rosette  | £ 2.38 |  |
| A971 | B6052 | WR-105 Wall Rosette | 2.77   |                                                                                       |

Reducer Joint

|      |       |               |        |                                                                                       |
|------|-------|---------------|--------|---------------------------------------------------------------------------------------|
| A968 | B6046 | Reducer Joint | £ 3.05 |  |
|------|-------|---------------|--------|---------------------------------------------------------------------------------------|

Straight Lengths

|      |       |                     |         |                                                                                       |
|------|-------|---------------------|---------|---------------------------------------------------------------------------------------|
| A911 | B6027 | D-70 Straight Duct  | £ 13.53 |  |
| A912 | B6026 | D-105 Straight Duct | 16.94   |                                                                                       |



Duct Sealing

Duct sealing tape is an all purpose cloth reinforced tape, 2" wide.

| Code | Style                       | Length  | Net Price |                                                                                     |
|------|-----------------------------|---------|-----------|-------------------------------------------------------------------------------------|
| A119 | Duct Tape                   | 180 FT. | £5.44     |  |
| A199 | Diversigum Sealing Compound | 0.5kg   | 2.95      |                                                                                     |

Polyurethane Foam

| Code | Description                   | Net Price |                                                                                     |
|------|-------------------------------|-----------|-------------------------------------------------------------------------------------|
| A133 | Foam Sealant (568 ml Aerosol) | £7.99     |  |

Twist Nut Clips for Unistrut Channel or Threaded Rod

Suitable for use on vertical or horizontal channel and tested for temperatures between -40 and +140 °C.  
Wall plugs are not recommended for use in the ceiling!



Channel Clip to suit 41 mm channel (Supplied in Packs of Ten)

| Code | Description  | Net Price         |        |
|------|--------------|-------------------|--------|
| A522 | B6842 1/4"   | 6mm Channel Clip  | £ 5.83 |
| A523 | B6844 3/8"   | 9mm Channel Clip  | 5.83   |
| A524 | B6843 1/2"   | 13mm Channel Clip | 6.30   |
| A525 | B6845 5/8"   | 16mm Channel Clip | 6.73   |
| A526 | B6846 3/4"   | 19mm Channel Clip | 7.18   |
| A527 | B6847 7/8"   | 22mm Channel Clip | 7.78   |
| A528 | B6848 1"     | 25mm Channel Clip | 8.22   |
| A529 | B6849 1-1/8" | 28mm Channel Clip | 8.67   |
| A530 | B6850 1-1/4" | 32mm Channel Clip | 9.72   |
| A531 | B6851 1-3/8" | 35mm Channel Clip | 10.61  |
| A532 | B6852 1-1/2" | 38mm Channel Clip | 11.51  |
| A533 | B6853 1-5/8" | 35mm Channel Clip | 12.56  |
| A534 | B6854 2"     | 50mm Channel Clip | 13.46  |
| A535 | B6855 2-1/8" | 55mm Channel Clip | 14.50  |



Stud Clip to suit 8 mm Threaded Rod

Aspen Xtra Stud Clips have a secure and lockable fastening mechanism, allowing quick and easy fixing with the simple fit and twist action. The unique ratchet design ensures that the clip remains closed when insulated pipe is squeezed against the wall of the clip. The clips are also easy to remove and relocate for maintenance.

| Code | Description  | Net Price      |        |
|------|--------------|----------------|--------|
| A536 | B6800 1/4"   | 6mm Stud Clip  | £ 5.79 |
| A537 | B6802 3/8"   | 9mm Stud Clip  | 5.79   |
| A538 | B6801 1/2"   | 13mm Stud Clip | 5.99   |
| A539 | B6803 5/8"   | 16mm Stud Clip | 6.20   |
| A540 | B6804 3/4"   | 19mm Stud Clip | 6.41   |
| A541 | B6805 7/8"   | 22mm Stud Clip | 6.62   |
| A542 | B6806 1"     | 25mm Stud Clip | 6.79   |
| A543 | B6807 1-1/8" | 28mm Stud Clip | 7.03   |
| A544 | B6808 1-1/4" | 32mm Stud Clip | 8.27   |
| A545 | B6809 1-3/8" | 35mm Stud Clip | 8.27   |
| A546 | B6810 1-1/2" | 38mm Stud Clip | 9.30   |
| A547 | B6811 1-5/8" | 35mm Stud Clip | 10.34  |
| A548 | B6812 2"     | 50mm Stud Clip | 11.54  |



Stud Clips

Aspen Xtra Stud Clips have a secure and lockable fastening mechanism, allowing quick and easy fixing with the simple fit and twist action. The unique ratchet design ensures that the clip remains closed when insulated pipe is squeezed against the wall of the clip. The clips are also easy to remove and relocate for maintenance.

Stud Clip to suit 10 mm Threaded Rod Supplied in packs of ten

| Code | Model                       | Net Price |
|------|-----------------------------|-----------|
| A523 | B6814 1/4" Stud Clip Bag 10 | £ 5.79    |
| A524 | B6815 3/8" Stud Clip        | 5.79      |
| A525 | B6816 1/2" Stud Clip        | 5.99      |
| A526 | B6817 5/8" Stud Clip        | 6.20      |
| A527 | B6818 3/4" Stud Clip        | 6.41      |
| A528 | B6819 7/8" Stud Clip        | 6.62      |
| A529 | B6820 1" Stud Clip          | 6.79      |
| A530 | B6821 1-1/8" Stud Clip      | 7.03      |
| A531 | B6822 1-1/4" Stud Clip      | 8.27      |
| A532 | B6823 1-3/8" Stud Clip      | 8.27      |
| A533 | B6824 1-1/2" Stud Clip      | 9.30      |
| A534 | B6825 1-5/8" Stud Clip      | 10.34     |
| A535 | B6826 2" Stud Clip          | 11.54     |



Barb Clips Pack 10

| Code | Model                       | Net Price |
|------|-----------------------------|-----------|
| A550 | B7006 7/8" Barb Clip        | 6.72      |
| A551 | B7008 1-1/8" Barb Clip      | 7.07      |
| A552 | B7009 1-1/4" Barb Clip      | 8.44      |
| A553 | B7010 1-3/8" Barb Clip      | 8.44      |
| A554 | B7300 2 Pipe Barb Clip PK 5 | 7.32      |



Aspen Xtra Pipe Ties

Aspen Xtra Pipe Ties are great for multiple pipework routes. These simple ties can be fixed easily and directly to a wall. There are 4 different lengths of cable ties to suit various pipe diameters.

Tie Bands Pack 10

| Code    | Model                          | Net Price |
|---------|--------------------------------|-----------|
| ACBT250 | B6651 T250 BLACK BIG TIE BANDS | £ 4.99    |
| ACBT300 | B6652 T300 BLACK BIG TIE BANDS | 5.20      |
| ACBT350 | B6553 T350 BLACK BIG TIE BANDS | 5.51      |
| ACBT450 | B6554 T400 BLACK BIG TIE BANDS | 7.23      |



Xtra Quick Positioning Clips

BBJ QPC Clips are a easy to use pipe clip made from UV resistant plastic. They fit into both aluminium or unistrut channel with one single twist.



Supplied in packs of ten

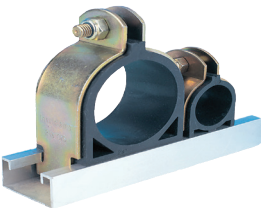
| Code | Model                               | Net Price |
|------|-------------------------------------|-----------|
| A250 | B6445 1/4" Quick Positioning Clip   | £ 5.83    |
| A251 | B6447 3/8" Quick Positioning Clip   | 5.98      |
| A252 | B6444 1/2" Quick Positioning Clip   | 6.13      |
| A253 | B6448 5/8" Quick Positioning Clip   | 6.28      |
| A254 | B6446 3/4" Quick Positioning Clip   | 6.43      |
| A255 | B6449 7/8" Quick Positioning Clip   | 6.58      |
| A257 | B6442 1-1/8" Quick Positioning Clip | 6.73      |
| A258 | B6443 1-3/8" Quick Positioning Clip | 6.88      |
| A259 | B6538 1-5/8" Quick Positioning Clip | 7.18      |



Insulclamps

Insulclamps to fit 41 mm aluminium or galvanised steel channel. Supplied in packs of ten

| Code | To Suit | Net Price               |
|------|---------|-------------------------|
| A199 | 1/4"    | B6268 Tube Clamp £ 6.72 |
| A201 | 3/8"    | B6274 Tube Clamp 6.72   |
| A202 | 1/2"    | B6267 Tube Clamp 6.72   |
| A203 | 5/8"    | B6276 Tube Clamp 6.72   |
| A204 | 3/4"    | B6273 Tube Clamp 7.75   |
| A205 | 7/8"    | B6277 Tube Clamp 9.13   |
| A206 | 1-1/8"  | B6264 Tube Clamp 10.86  |
| A207 | 1-3/8"  | B6265 Tube Clamp 13.44  |
| A208 | 1-5/8"  | B6266 Tube Clamp 16.37  |



Xtra Accessories

|       |        |                                                                                        |         |
|-------|--------|----------------------------------------------------------------------------------------|---------|
| N740  |        | Xtra Accessories Kit                                                                   | £ 57.00 |
| N7401 | FP2011 | Rubber Adaptor 16-21mm Fits MHI Bag 3                                                  | 5.69    |
| N7402 | FP2012 | Rubber Adaptor to connect a cassette unit 26-21mm Daikin, Mitsu Elec, Panasonic, Bag 3 | 6.20    |
| N7403 | FP2013 | Rubber Adaptor to connect a cassette unit 32-21mm Daikin, Mitsu Elec, Pan              | 6.72    |
| N7405 | FP2016 | Rubber Adaptor to connect a cassette unit 21-25mm to connect 21mm overflow to waste    | 5.69    |
| N730  | FP2030 | Hose to Overfloww or Waste/ Soil Pipe                                                  | 12.92   |
| N7501 | FP2040 | Hose to Overflow or Waste/Soil Pipe                                                    | 4.06    |



3 Pipe Clips BBJ

Aspen 3 Pipe Clips. Brand new uniquely designed 3 pipe clip, providing support for VRV/VRF systems pipework.

Clamps for mounting on 10mm threaded rod. Pack 5

| Code  | Model  | To suit                             | Net Price |
|-------|--------|-------------------------------------|-----------|
| A903  | Size 1 | 3/8 5/8 3/4 to 1/2 3/4 1"           | £ 10.34   |
| A9030 | Size 2 | 1/2 1-1/8 3/4" to 5/8 1" 1-1/8      | 11.37     |
| A9031 | Size 3 | 7/8 1-3/8 1-1/8" to 3/4 1-5/8 1-3/8 | 12.58     |
| A9032 | Size 4 | 1/2 1-3/8 1-1/8" to 3/4 1-5/8 1-3/8 | 13.61     |



Aspen Xtra Pinch Clips

These supports fit onto either 8mm or 10mm threaded rod. By simply squeezing the tips together, the spring steel rod hanger can be fitted or adjusted in seconds, even after the refrigerant pipes have been installed.

Supplied in packs of Ten.

| Code | Model | To suit           | Net Price |
|------|-------|-------------------|-----------|
| A900 | B6561 | 1/2 & 7/8 Pack 10 | £ 15.85   |
| A901 | B6562 | 5/8 & 1-1/8       | 17.57     |
| A902 | B6563 | 3/4 & 1-3/8       | 19.29     |



Aspen Xtra Grip Locks

These supports are particularly good for installers who, when installing the first pipe, can hold it within the Grip Lock whilst installing the second pipe. Grip Locks are simple metal pipe clips that hold both liquid and gas lines. Designed to be fitted directly to the wall or solid ceiling, they can hold insulated pipes without a break in the insulation.

| Code    | Model  | To suit           | Net Price |
|---------|--------|-------------------|-----------|
| ACB6186 | Size1  | 1/4 & 1/2 Pack 10 | £ 7.38    |
| ACB6187 | Size 2 | 3/8 & 5/8         | 7.70      |
| ACB6188 | Size 3 | 1/2 & 7/8         | 7.01      |
| ACB6189 | Size 4 | 5/8 & 1-1/8       | 8.31      |



Aspen® Xtra Portable Air Conditioning Unit

A portable AC unit with airflow adjustment, sleep & eco settings and a timer mode, meaning you can keep at a comfortable temperature wherever you are!

| Code | Description                                    | Net Price |
|------|------------------------------------------------|-----------|
| U990 | Mobile Air Conditiong Unit (Cooling Only)      | £ 279.00  |
| U991 | Mobile Air Conditiong Unit (Heating & Cooling) | 320.00    |



Nylon Screwed Rod

| Code | Size                 | Net Price |
|------|----------------------|-----------|
| A450 | M10 x 1M Screwed Rod | £ 4.39    |
| A451 | M12 x 1M Screwed Rod | 5.51      |
| A455 | M10 Washer Faced Nut | £ 0.19    |
| A456 | M12 Washer Faced Nut | 0.21      |



Recommended maximum safe working loads for Nylon Threaded Rod.  
M10 - 80kg                      M12 - 120kg

Please note figures quoted are for vertical loads only. No data is available for inclined or horizontal loads. Care should be taken not to over tighten nuts, they shouldbe tightened by hand and then given half a turn with a spanner.

Mighty Bracket

The Mighty Bracket™ clips to the mounting plate of most mini-split brands in order to hold unit securely in place during installation - without damaging walls.

| Code | Type           | Net Price |
|------|----------------|-----------|
| Q950 | Mighty Bracket | £ 114.84  |



Maximum lift = 45 kgs

Ladders & Hoovers

| Code | Size                                     | Net Price |
|------|------------------------------------------|-----------|
| Q951 | Telescopic Ladder 3.8m with Carry Case   | £ 115.95  |
| Q900 | Numatic Henry Vacuum Cleaner             | 109.50    |
| Q901 | NVM-ICH Henry Vacuum Cleaner Bags (Each) | 0.95      |



Telescopic Ladder extends to 3.8m and is made of Lightweight Aluminium. Includes Carry Case

Air to Water Condensing Unit Brackets

These brackets are fitted with an integral, removable spirit level to make correct installation of the crossbar easier.

| Code | Type                                       | Net Price |
|------|--------------------------------------------|-----------|
| A309 | TYPE 2- 250 kgs Bracket Extra Large 3 Arms | £ 96.95   |



| Dimensions  | A309    |
|-------------|---------|
| Crossbar    | 1050mm  |
| Upright     | 550     |
| Support Arm | 660     |
| Max. Load   | 250 kgs |





### Brand new bracket in stock... The B-QUIK!

This bracket provides it all – easy installation and easy maintenance for your customers, and more importantly – high margin opportunities and less SKUs for you! Part of the Aspen Xtra one-stop-shop.

- Mild steel, hot dipped galvanised & powder coated conforms to ISO 09227 corrosion test
- Heavy gauge for added strength
- Integrated spirit level for easy install
- Interlocking design part assembled makes for fast installation
- Anti vibration pads as standard
- Easy levelling on uneven walls with adjustable bolt
- Bracket can be mounted via horizontal wall bar, or directly to the wall as bracket arm pairs
- High quality fixings supplied for secure installation
- 2 sizes to cover all applications



Adjustment bolt provides up to 5° correction



Integrated spirit level (patented)



Anti vibration pads as standard with captive nut



Interlocking design for fast install



Hinged bracket arms for fast installation

**Xtra**  
the installer's choice

### Wall Bracket Kits

These ready made, flat packed brackets offer a quick and easy method of supporting condensing unit on external walls. Dimensions and load capacities suit all brands of units. All the electro-galvanised steel components receive an 8-phase, epoxy-polyester powder coating, with a scratch resistant, textured finish.

| Code                                 | Type                                             | Net Price |
|--------------------------------------|--------------------------------------------------|-----------|
| <b>A300</b>                          | B6381 B-Quik AC Bracket 160kgs                   | £ 28.84   |
| <b>A301</b>                          | B6382 B-Quik AC Bracket 220kgs                   | 29.83     |
| <b>A305</b>                          | CBR1-XL TYPE 1 250kgs Bracket (Without Crossbar) | 32.47     |
| <b>Quick Fit Wall Bracket Type 2</b> |                                                  |           |
| <b>A306A</b>                         | CBR2-EL TYPE 2-60kgs Quick Fit Bracket           | £ 18.95   |



| Dimensions | A300   | A301   | A305   | A306A |
|------------|--------|--------|--------|-------|
| Depth      | 450mm  | 550mm  | 680mm  | 420mm |
| Width      | 800mm  | 850mm  |        | 800mm |
| Height     | 350mm  | 450mm  | 680mm  | 375mm |
| Max. Load  | 160kgs | 220kgs | 250kgs | 60kgs |

Equipped with Level to adjust Wall Bar (patented)

### Condensing Unit Drip Trays

Drip trays to fit condensing unit brackets to prevent dripping water when Heat Pumps are on Defrost. Available in Metal or Plastic.



| Code         | Type                                          | Net Price |
|--------------|-----------------------------------------------|-----------|
| <b>A275</b>  | B6591 Small Plastic 790 x 420 x 30mm          | £ 26.91   |
| <b>A2750</b> | B6592 Large Plastic 940 x 420 x 30mm          | 40.81     |
| <b>A276</b>  | Metal Small Tray 800 x 400mm x 50             | £ 55.64   |
| <b>A279</b>  | Metal Large Tray 100 x 400mm x 50             | 59.98     |
| <b>A277</b>  | B6400 Condenser Drain Pan 21.5mm OD (19mm ID) | 9.47      |

### Aspen® Xtra Roof Inlets

To cover the hole in the roof made to pass through linesets (e.g. insulated copper tubes), connected to an outdoor unit.

| Code        | Model                                | Net Price |
|-------------|--------------------------------------|-----------|
| <b>A280</b> | B9379 Plastic Swan Neck 125 x 125 mm | £ 73.55   |



**Xtra**  
the installer's choice

## Condensing Unit Guards

### Aspen Xtra Rapid Fit Guard

Introducing the new Rapid-fit Condensing Unit Guards. Quick and easy to install, with a simple numbered tab and slot system. The guard is secured using 3 tamper resistant screws. Extra bottom panels are also available for guards fixed at high level on walls. The framework is a steelwork structure which passes through a 5-part phosphating pretreatment prior to a 70 micron powder coat finish in ivory.

| Code                    | Type                                   | Net Price |
|-------------------------|----------------------------------------|-----------|
| <b>Rapid Fit Guards</b> |                                        |           |
| A260                    | CG-S Small                             | £ 114.89  |
| A261                    | B9164 Medium                           | 203.20    |
| A262                    | B9165 Large                            | 239.57    |
| A267                    | CG-750L-INV ASHP GUARD 2 Piece         | 327.41    |
| <b>Base Panel</b>       |                                        |           |
| A264                    | Base Panel for Small Guard             | £ 38.71   |
| A265                    | Base Panel for Medium/Large Guard      | 43.82     |
| <b>Front/Back Panel</b> |                                        |           |
| A268                    | Front/Back Panel for Small Guard       | £ 37.56   |
| A269                    | Front/Back Panel for Medium Guard      | 63.85     |
| A270                    | Front Back/Panel for Large Guard       | 55.42     |
| A271                    | Front/Back Panel for Extra Large Guard | 124.09    |

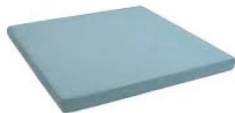
#### Dimensions:

|             | Dimensions mm |         |         |
|-------------|---------------|---------|---------|
| Small       | 600 (H)       | 900 (W) | 350 (D) |
| Medium      | 1120          | 1120    | 640     |
| Large       | 1420          | 1120    | 640     |
| CG-750L-INV | 1150          | 1450    | 750     |



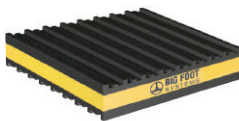
## Plastic Patio Slabs

| Code | Size              | Net Price |
|------|-------------------|-----------|
| A285 | 900 x 400 x 51mm  | £ 17.76   |
| A286 | 600 x 600 x 51mm  | 19.47     |
| A287 | 1220 x 600 x 76mm | 42.22     |



## Anti Vibration Pads

| Code | Type                      | Net Price |
|------|---------------------------|-----------|
| A972 | AV Pad 51 x 51 x 22.2mm   | £ 0.59    |
| A973 | AV Pad 76 x 76 x 22.2mm   | 1.72      |
| A974 | AV Pad 101 x 101 x 22.2mm | 2.58      |
| A975 | AV Pad 152 x 152 x 22.2mm | 5.63      |
| A976 | AV Pad 305 x 305 x 22.2mm | 25.06     |
| A976 | AV Pad 457 x 457 x 22.2mm | 46.35     |



### Big Foot Multi Frame

The Big Foot Systems Light Duty Frame range offers both standard and custom frames for Air Conditioning and small Air Handling Units

| Code  | Model                      | Net Price |
|-------|----------------------------|-----------|
| A9910 | B9720 Multi Frame          | £ 220.11  |
| A991  | B9721 Multi Frame Extender | 140.07    |

| Dimensions  | B9720   | B9721   |
|-------------|---------|---------|
| Height (mm) | 335-440 | 335-440 |
| Width (mm)  | 1265    | 1000    |
| Length (mm) | 1562    | 1562    |



## Big Foot Systems

Non-penetrative support frames for air conditioning mini splits, VRFs, small AHUs, supply and extract fans

The Big Foot Systems Light Duty Frame range offers both standard and custom frames for Air Conditioning and small Air Handling Units. Delivered packaged to site the frame components and leg assemblies can easily be handled. our frames are dimensionally configurable at design stage, both in footprint and height.

| Code | Type             | Net Price |
|------|------------------|-----------|
| A990 | B6075 Big Foot 2 | £ 237.50  |
| A991 | B6077 Big Foot 4 | 386.79    |
| A992 | B6078 Big Foot 6 | 530.96    |

| Dimensions        | B6075   | B6077   | B6078   |
|-------------------|---------|---------|---------|
| Height (mm)       | 290-400 | 290-400 | 290-400 |
| Width (mm)        | 1200    | 1200    | 1200    |
| Length (mm)       | 1000    | 2000    | 3000    |
| Weight (kg)       | 40      | 69      | 93      |
| Max. loading (kg) | 480     | 720     | 960     |

#### KIT INCLUDES

40mm x 40mm box section end bars  
1.2m Cross bars – 40 x 40 section  
305mm Leg assemblies with rubber mats  
Condenser Clamp kits  
Assembly instructions

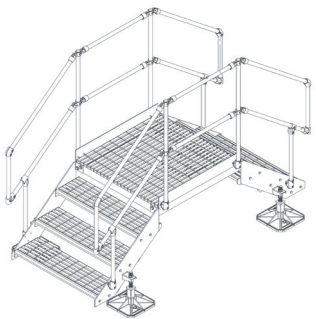


### Big Foot Step Over

Big Foot Step Overs available with 2, 3 and 4 steps and a 1m landing section. The four legs on each Step Over are supplied with 305mm feet and rubber mats for stability.

| Code | Type              | Net Price |
|------|-------------------|-----------|
| A994 | B6939 2 Step Unit | £ 1758.00 |
| A995 | B6940 3 Step Unit | 1998.00   |
| A996 | B6941 4 Step Unit | 2237.00   |

1000mm mid section and 305mm leg assemblies



#### KIT INCLUDES

305mm leg assembly & rubber mats x 4 Landing grating x 1  
Step handrail x 4 Landing kickplates x 2  
Step stringers x 4 Landing handrails x 2  
Step grating x 2/3/4 Fixings and assembly instructions

### Step Over Platform

For safe passage over small hazards our Big Foot Step Over Platform is available

| Code | Type                            | Net Price |
|------|---------------------------------|-----------|
| A997 | B9200 Step Over Platform 600    | £ 220.00  |
| A998 | B9201 Step Over Platform 1000   | 312.00    |
| A999 | B6942 Step Over Hamdrail 1 Side | 109.00    |



| Dimensions            | B9200 | B9201 | B6942 |
|-----------------------|-------|-------|-------|
| Foot Size (mm)        | 200   | 200   | -     |
| Clearance height (mm) | 155   | 155   | -     |
| Width (mm)            | 600   | 1000  | -     |
| Length (mm)           | 1000  | 1000  | 1000  |





### H Frame - Multi Purpose Support

The H Frame Set offers a quick and economical solution to supporting pipework and ducting. Comes complete with 305 mm<sup>2</sup> or 450 mm<sup>2</sup> feet.

**The kit includes:** Two AV Mats, Two Feet, Two Unistrut Inserts, Two L Brackets, Four M10 Bolts and 4 Square Channel Nuts.

**Please note:** Kit does not include Unistrut.

| Code | Description       | Size                | Net Price |
|------|-------------------|---------------------|-----------|
| A993 | B6088 H Frame Set | 305 mm <sup>2</sup> | £ 29.75   |
| A994 | H Frame Set       | 450 mm <sup>2</sup> | 73.52     |

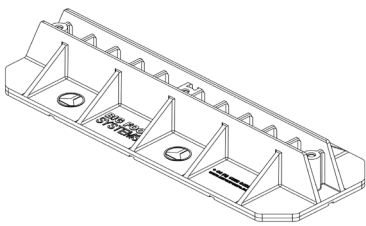


### Multi Foot - Multi Purpose Support

The Multi Foot comes in two sizes for supporting small or large pipework systems, cable trays and ductwork. The Multi Foot can accommodate 40mm wide channel horizontally, 40 x 40mm unistrut or vertical 12mm threaded rod which makes it a very versatile support system.

| Code | Description                             | Size         | Net Price |
|------|-----------------------------------------|--------------|-----------|
| A995 | B9640 Multi Foot 400                    | 400 x 180 mm | £ 58.28   |
| A996 | B9655 Multi Foot 600<br>c/w Adhered Mat | 600 x 200 mm | 65.34     |

Comes in Packs of 4 c/w Adhered Mat



### Big Foot Fix-it Foot

The new Fix-It Foot is designed to support light loads, this 1 foot support has 40 x 20 mm aluminium channel recessed into the top face, allowing fixing of the services resting across the feet. Recesses in the underside allow for small debris on the roof surface. Ideal for supporting pipework, ducting, cable trays and even condensing units. Made from durable recycled rubber, they become great supports and act as a natural vibration insulator.

| Code | Description                                  | Size               | Net Price |
|------|----------------------------------------------|--------------------|-----------|
| A982 | B6735 Small Fix-It Foot                      | 250 x 180 x 95 mm  | £ 11.89   |
| A983 | B6736 Medium Fix-It Foot                     | 400 x 180 x 95 mm  | 13.61     |
| A984 | B6737 Large Fix-It Foot                      | 600 x 220 x 95 mm  | 15.48     |
| A985 | B9096 X Large Fix-it Foot                    | 1000 x 180 x 95 mm | 35.31     |
| A650 | B9171 Fast Fix Bolt (Pack 2) for Fix-It Foot |                    | 3.91      |



### Condensing Unit Block

Available in 450mm and 1000mm lengths.  
Now available with matching black end caps.  
Each blocks comes complete with 2 bolts per foot.

#### Condensing Unit Block

| Code | Description           | Size | Net Price |
|------|-----------------------|------|-----------|
| A979 | B6658 SB-450 Pair     |      | £ 6.25    |
| A980 | B6659 SB-1000 Pair    |      | 14.23     |
| A981 | End Cap to suit above |      | 3.22      |



Available in 450mm  
or 1000mm lengths.



## Isolators

Four Pole and Neutral - Suitable for outdoors IP66 - Easy Fixing Points

| Code | Type                                                          | Net Price |
|------|---------------------------------------------------------------|-----------|
| L365 | BBJ Isolator B9183<br>Rated at 20 amps.                       | £ 13.14   |
| L366 | BBJ Isolator B9184<br>Rated at 32 amps.                       | 14.81     |
| L367 | BBJ Isolator B9185<br>Rated at 40 amps.                       | £16.67    |
| L368 | Easy fixing points<br>BBJ Isolator B9186<br>Rated at 63 amps. | 19.17     |



## Fused Spurs - Fan Switches and Pattress Boxes

| Code  | Type                                                           | Net Price |
|-------|----------------------------------------------------------------|-----------|
| L371  | Unswitched Fused Spur<br>Rated at 13 amps.                     | £ 3.87    |
| L372  | Switched Fused Spur c/w Neon<br>Rated at 13 amps.              | 4.22      |
| L376  | Switched Fused Spur without Neon<br>Rated at 13 amps.          | 3.87      |
| L373  | Surface Mounted Metal Back Box<br>25mm deep.                   | 1.35      |
| L375  | White Plastic Surface Mounted Pattress Box 1<br>Gang 25mm Deep |           |
| L3750 | White Plastic Surface Mounted Pattress Box 1<br>Gang 43mm Deep |           |
| L368  | Fan Isolator Switch 10A 3 Pole                                 | 2.39      |



## Air Pressure Differential Switch

| Code       | Type                                                     | Net Price |
|------------|----------------------------------------------------------|-----------|
| AC930      | Air Differential Pressure Switch with Duct Kit 20-300 Pa | 19.80     |
| ACEE-D2Kit | PA1-K Differential Pressure Switch Kit only              | 6.89      |



## Batteries

| Code | Type                                     | Net Price |
|------|------------------------------------------|-----------|
| Q193 | Duracell Plus Power Batteries 4 x AA     | £ 2.55    |
| Q194 | Duracell Plus Power Batteries 4 x AAA    | 3.10      |
| Q195 | Duracell Plus Power Batteries 2 x C      | 3.18      |
| Q196 | Duracell Plus Power Batteries 2 x D      | 3.29      |
| Q197 | Duracell Plus Power Batteries 1 x 9V PP3 | 3.22      |
| Q200 | Alkaline Batteries 24 x AAA              | 7.70      |



## Electrical Accessories

### Bulk Head Light

| Code | Type                      | Net Price |
|------|---------------------------|-----------|
| L330 | BHL-1 Bulk Head Light 18W | £ 9.90    |



### PVC Electrical Tape BSI Approved

|      |                                        |        |
|------|----------------------------------------|--------|
| L328 | Black PVC Tape 19 x 33m                | £ 0.99 |
| L318 | Earth Pattern Insulation Tape 19 x 33m | 0.99   |
| L319 | White PVC Tape 19 x 33m                | 0.99   |
| L320 | Green PVC Tape 19 x 33m                | 0.99   |
| L321 | Red PVC Tape 19 x 33m                  | 0.99   |
| L322 | Yellow PVC Tape 19 x 33m               | 0.99   |
| L324 | Blue PVC Tape 19 x 33m                 | 0.99   |



### Cable Glands

|      |                 |                           |       |
|------|-----------------|---------------------------|-------|
| L316 | Gland Pack 20S  | to suit 1.5 mm and 2.5 mm | £4.51 |
| L317 | Gland Pack 20BW | to suit 4.5 mm            | 4.51  |



### Connector Strips - Flexible Polyethylene - 80°C

|      |                       |        |
|------|-----------------------|--------|
| L332 | 5 amp Strip Connector | £ 0.49 |
| L333 | 15 amp                | 0.59   |
| L334 | 30 amp                | 0.69   |



### Plug Tops

|      |                          |        |
|------|--------------------------|--------|
| L337 | 13 amp White Nylon Plug  | £ 1.29 |
| L338 | 13 amp Black Rubber Plug | 2.49   |



### Fuses (Pack 10)

|      |                            |        |
|------|----------------------------|--------|
| L355 | 13 amp Fuses (Pack of ten) | £ 1.35 |
| L356 | 2 amp Fuses (Pack of ten)  | 1.35   |
| L357 | 3 amp Fuses (Pack of ten)  | 1.35   |
| L358 | 5 amp Fuses (Pack of ten)  | 1.35   |
| L359 | 10 amp Fuses (Pack of ten) | 1.35   |



### Cable Ties & Cable Anchors

|      |                                                                    |        |
|------|--------------------------------------------------------------------|--------|
| L340 | 160 x 4.8 mm Cable Ties (pkt 100)                                  | £ 1.85 |
| L341 | 200 x 4.8 mm                                                       | 1.95   |
| L342 | 300 x 4.8 mm                                                       | 2.48   |
| L344 | 370 x 7.8 mm                                                       | 6.10   |
| L345 | Adhesive Tie Anchors (pkt 100)<br>Also suitable for screw mounting | £ 3.27 |



### Junction Boxes

|      |                     |            |        |
|------|---------------------|------------|--------|
| L350 | Junction Box 5 Amp  | 4 Terminal | £ 0.81 |
| L351 | Junction Box 20 Amp | 4 Terminal | 1.24   |
| L352 | Junction Box 30 Amp | 3 Terminal | 1.65   |



### Electrical Test Meters

|      |           |                                                                         |       |        |
|------|-----------|-------------------------------------------------------------------------|-------|--------|
| Q257 | CMMS2138R | 1000A AC/DC Clamp Meter                                                 | 600V  | £59.95 |
| Q253 | MMMS8268  | 1000V AC/DC Multi Meter                                                 | 1000V | 24.95  |
| Q254 | TIF-150   | Inductive clamp-on DMM<br>for AC/DC volts and AC<br>Current up to 600 A | 600V  | 110.26 |



## Heat Shrink

Pack of four colours.

| Code                 | Type                                  | Diameter  | Net Price |
|----------------------|---------------------------------------|-----------|-----------|
| L410                 | HSB125B                               | 3.2mm BLK | £ 7.06    |
| L411                 | HSB250B                               | 6.4mm BLK | 7.06      |
| L412                 | HSB375B                               | 9.5mm BLK | 7.06      |
| <b>Assorted Pack</b> |                                       |           |           |
| L415                 | Heat Shrink Kit 2/2.5/5/7/10/13mm BLK |           | £ 10.73   |



## Cable Crimps

### Butt Connector (Pack 100)

| Code | Type                             | Net Price |
|------|----------------------------------|-----------|
| L536 | PLS15R 0.5-1.5mm Connector Red   | £3.77     |
| L537 | PLS25B 1.0-2.5mm Connector Blue  | 4.65      |
| L538 | PLS6Y 2.5-6.0mm Connector Yellow | 6.10      |



### Female Push on Terminal (Pack 100)

| Code | Type                                 | Net Price |
|------|--------------------------------------|-----------|
| L540 | PLF15R Female Push on Terminal Red   | £ 2.59    |
| L541 | PLF25B Female Push on Terminal Blue  | 2.92      |
| L542 | PLF6Y Female Push on Terminal Yellow | 3.15      |



### Fork Connectors (Pack 100)

| Code | Type                                     | Net Price |
|------|------------------------------------------|-----------|
| L543 | PLFK1543R Fork 4.3mm Connector 0.5-1.5mm | £ 3.10    |
| L544 | PLFK1543B Fork 4.3mm Connector 1.0-2.5mm | 2.99      |
| L545 | PLFK643Y Fork 4.3mm Connector 2.5-6.0mm  | 5.05      |



## Flexible Conduit Kit

10 metres of 20 mm Flexible Conduit c/w 10 x 20mm glands with locknuts.

| Code | Type                                        | Net Price |
|------|---------------------------------------------|-----------|
| L378 | FCP20K/PP Conduit Kit 20mm x 10m + 10Glands | £ 8.37    |



## Cable Glands

Pack of ten Cable Glands complete with locknuts.

| Code | Type     | Size                                | Net Price |
|------|----------|-------------------------------------|-----------|
| L420 | NG20WKIT | 20mm Nylon Gland/Locknut IP68 White | £ 3.44    |
| L422 | NG20BKIT | 20mm Nylon Gland/Locknut IP68 Black | 3.65      |



## Plastic Trunking

Plastic Trunking supplied in 3M Lengths.

| Code | Type                        | Size          | Net Price |
|------|-----------------------------|---------------|-----------|
| L386 | PT1616SA Mini Self Adhesive | 16mm x16 mm   | 1.66      |
| L388 | PT2516 Mini Trunking        | 25mm x 16mm   | 1.99      |
| L390 | Steeple TRK75W Trunking     | 75mm x 75mm   | 21.35     |
| L391 | Steeple TRK75W Trunking     | 100mm x 100mm | 22.49     |



## Cable

| Code  | Type                                          | Net Price |
|-------|-----------------------------------------------|-----------|
| L749  | 1 metre x 0.75 mm sq. 2 Core                  | 0.24      |
| L750  | 1 metre x 0.75 mm sq. 3 Core                  | 0.28      |
| L753  | 1 metre x 0.75 mm sq. 4 Core                  | 0.37      |
| L754  | 1 metre x 0.75 mm sq. 5 Core                  | 0.83      |
| L754R | 1 metre x 0.75 mm sq. 5 Core (Heat Resistant) | 0.97      |
| L755  | 1 metre x 0.75 mm sq. 6 Core                  | 0.92      |
| L700  | 1 metre x 1.00 mm sq. 2 Core                  | 0.37      |
| L700B | 1 metre x 1.00 mm sq. 2 Core (BLK)            | 0.37      |
| L751  | 1 metre x 1.50 mm sq. 3 Core                  | 0.54      |
| L752  | 1 metre x 2.50 mm sq. 3 Core                  | 0.98      |



### YY Non Screened Multicore Flex (Grey)

|       |                                    |        |
|-------|------------------------------------|--------|
| L699  | 1 metre x 0.75 mm sq. 2 Core       | £ 0.23 |
| L699B | 1 metre x 0.75 mm sq. 2 Core (BLK) | 0.41   |
| L700  | 1 metre x 1.00 mm sq. 2 Core       | 0.47   |
| L700B | 1 metre x 1.00 mm sq. 2 Core (BLK) | 0.47   |
| L706  | 1 metre x 2.50 mm sq. 3 Core       | 1.34   |
| L708  | 1 metre x 1.50 mm sq. 4 Core       | 0.59   |
| L708B | 1 metre x 1.50 mm sq. 4 Core (BLK) | 0.59   |
| L710  | 1 metre x 2.50 mm sq. 4 Core       | 1.20   |



### SY (Grey Flex with Outer Braid and Clear PVC Coating)

|      |                              |      |
|------|------------------------------|------|
| L716 | 1 metre x 2.50 mm sq. 3 Core | 1.41 |
| L719 | 1 metre x 1.50 mm sq. 4 Core | 0.86 |
| L720 | 1 metre x 2.50 mm sq. 4 Core | 1.43 |
| L741 | 1 metre x 1.50 mm sq. 5 Core | 1.67 |
| L722 | 1 metre x 2.50 mm sq. 5 Core | 2.26 |



### CY Screened Multicore Flex (Grey) Screened

|      |                              |      |
|------|------------------------------|------|
| L726 | 1 metre x 0.75 mm sq. 4 Core | 0.79 |
| L728 | 1 metre x 1.50 mm sq. 4 Core | 1.17 |



## Electrical Tools

|                                             |                                                       |         |
|---------------------------------------------|-------------------------------------------------------|---------|
| Q404                                        | Pro Grip Professional VDE Plier Set 9 piece           | £ 38.95 |
| Q405                                        | 7pce 1000 Volt Insulated Screwdriver Set Rothenberger | 31.93   |
| Includes                                    |                                                       |         |
| 2.5mm x 75mm VDE slotted screwdriver        |                                                       |         |
| 4.0mm x 100mm VDE slotted screwdriver       |                                                       |         |
| 5.5mm x 125mm VDE slotted screwdriver       |                                                       |         |
| 6.5mm x 150mm VDE slotted screwdriver       |                                                       |         |
| PH1 Phillips x 80mm VDE slotted screwdriver |                                                       |         |
| PH2 Phillips x 80mm VDE slotted screwdriver |                                                       |         |
| 3.0mm x 140mm mains tester                  |                                                       |         |
| Q407                                        | Mains Test Screwdriver Rothenberger                   | 2.65    |





### Universal Relays

| Code | Type                                                                                                                                                                                                                                                      | Net Price |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| L100 | ICG Universal Relay One size for all compressors from 1/12 to 1/2 HP.<br>This solid state device will replace most relays.<br>Easy to install, clip on or screw on.<br>Can be used with or without a start capacitor.                                     | £ 19.70   |
| L101 | PO-230 Universal Push on Relay<br>One size for all compressors from 1/12 to 1/2 HP.<br>This solid state device will replace most relays.<br>Easy to install, pushes directly onto compressor terminals.<br>Can be used with or without a start capacitor. | 17.50     |
| L103 | PR-90 Universal Potential Relay<br>Replaces all potential starting relays for compressors up to 5 HP.<br>Any voltage between 110 and 270 volt a.c.Replaces thousands of O.E.M. models. Universal fixing bracket.<br>Screw on or push on terminals.        | 15.49     |
| L109 | Miniature High Power Double Pole Relay Type HF92F change over 230V AC (Panel Mounted)                                                                                                                                                                     | 9.95      |



### Universal Relay and Overload

Four models available to suit compressors from 1/8 to 1/2 HP.  
Can be used with or without a start capacitor.  
Pre-wired for fast, simple installation.Complete with mounting clip

| Code | Type                           | Net Price |
|------|--------------------------------|-----------|
| L105 | R082 1/8 HP Relay and Overload | £ 11.64   |
| L106 | R062 1/6 - 1/5 HP              | 11.64     |
| L107 | R042 1/4 - 1/3 HP              | 11.64     |
| L108 | R022 1/2 HP                    | 11.64     |



### Start Capacitors

Start Capacitor 275v RMS - 50 Hz. Tolerance: +25%

| Code | Rating                 | Net Price |
|------|------------------------|-----------|
| L115 | 40 mfd Start Capacitor | £ 5.15    |
| L116 | 60 mfd                 | 5.25      |
| L117 | 80 mfd                 | 5.58      |
| L118 | 100 mfd                | 11.63     |
| L119 | 125 mfd                | 11.79     |
| L120 | 150 mfd                | 12.92     |
| L121 | 180 mfd                | 18.59     |



### Run Capacitors

| Code | Type                | Net Price |
|------|---------------------|-----------|
| L123 | 3 mfd Run Capacitor | £ 1.53    |
| L124 | 5 mfd               | 1.77      |
| L125 | 10 mfd              | 2.19      |
| L126 | 15 mfd              | 2.79      |
| L127 | 20 mfd              | 3.53      |
| L128 | 30 mfd              | 6.77      |



If two capacitors are connected in parallel the total capacitance is the sum of their values.

### Danfoss Contactors

| Code | Type                                       | Net Price |
|------|--------------------------------------------|-----------|
| L260 | CI 6-3 POLE DANFOSS CONTACTOR 037H0015-31  | £ 26.87   |
| L261 | CI 9-3 POLE DANFOSS CONTACTOR 037H0021-31  | 29.57     |
| L262 | CI 12-3 POLE DANFOSS CONTACTOR 037H0031-31 | 31.48     |
| L264 | CI 16-3 POLE DANFOSS CONTACTOR 037H0041-31 | 35.61     |
| L266 | CI 20-3 POLE DANFOSS CONTACTOR 037H0045-31 | 45.43     |
| L267 | CI 25-3 POLE DANFOSS CONTACTOR 037H0051-31 | 52.59     |
| L268 | CI 30-3 POLE DANFOSS CONTACTOR 037H0061-31 | 64.12     |



### Auxiliary Contacts

| Code | Type                                        | Net Price |
|------|---------------------------------------------|-----------|
| L272 | AUXILLARY CONTACT- NORMALLY OPEN 037H0111   | £ 3.05    |
| L273 | AUXILLARY CONTACT- NORMALLY CLOSED 037H0112 | 3.15      |



### Thermal Overloads - Danfoss

| Code | Rating                             | Net Price |
|------|------------------------------------|-----------|
| L277 | TI 16C 2.7 - 4.2 THERMAL OVERLOADS | £ 29.80   |
| L278 | TI 16C 4.0 - 6.2 THERMAL OVERLOADS | 30.44     |
| L280 | T1 16C 8.0 - 12 8.0 - 12 amp       | 26.64     |



### Universal Contactors

| Code | Rating                         | Net Price |
|------|--------------------------------|-----------|
| L803 | CONTACTOR 9A-AC3 230V COIL NO  | £ 12.20   |
| L804 | CONTACTOR 12A-AC3 230V COIL NC | 12.54     |
| L806 | CONTACTOR 12A-AC3 230V COIL NO | 13.65     |
| L808 | CONTACTOR 16A-AC3 230V COIL NC | 16.57     |
| L810 | CONTACTOR 16A-AC3 230V COIL NO | 16.74     |
| L812 | CONTACTOR 22A-AC3 230V COIL NO | 19.47     |
| L814 | CONTACTOR 32A-AC3 230V COIL NO | 28.28     |



### Thermal Overloads

| Code | Rating                                         | Net Price |
|------|------------------------------------------------|-----------|
| L815 | OVERLOAD RELAY ADJ 0.64 - 0.96A (WITH 9 A AC3) | £ 15.96   |
| L816 | OVERLOAD RELAY ADJ 2.8 - 4.2A                  | 16.49     |
| L817 | OVERLOAD RELAY ADJ 4- 6A BTH-12                | 16.95     |
| L818 | OVERLOAD RELAY ADJ 5- 8A                       | 17.60     |
| L819 | OVERLOAD RELAY ADJ 6- 9A                       | 18.70     |
| L820 | OVERLOAD RELAY ADJ 9- 13A (16A AC3)            | 19.35     |
| L821 | OVERLOAD RELAY ADJ 14- 22A (16A AC3)           | 19.75     |
| L822 | OVERLOAD RELAY ADJ 18- 26A (32A CONTACTOR)     | 19.98     |



### Auxiliary Contacts

| Code | Type                                                | Net Price |
|------|-----------------------------------------------------|-----------|
| L823 | AUXILLARY BLOCK TOP 1 N/C 1 N/O (FITS C-09 - C-25)  | £ 4.93    |
| L824 | AUXILLARY BLOCK SIDE 1 N/C 1 N/O (FITS C-09 - C-25) | 5.70      |
| L825 | AUXILLARY TOP 2 N/C 2 N/O (FITS C-09 - C-25)        | 2.96      |



### MCB Single Pole Type B

| Type | Description                   | Net Price |
|------|-------------------------------|-----------|
| L860 | 6 Amp Single Pole Type B MCB  | £ 1.93    |
| L861 | 16 Amp Single Pole Type B MCB | 2.95      |
| L862 | 32 Amp Single Pole Type B MCB | 3.45      |
| L863 | 40 Amp Single Pole Type B MCB | 3.65      |



## Glycol

Both MEG & MPG are supplied full strength and will need diluting to suit the application. MPG is about 90% as efficient as MEG but is non toxic. MPG therefore, can be used as a coolant in the systems for dairies, breweries and food processing plants where a leak in the circuit could cause the MPG to come in to contact with the products.

| Code        | Type                                 | Size   | Net Price       |
|-------------|--------------------------------------|--------|-----------------|
| <b>M406</b> | Drum MEG<br>(Monoethylene Glycol)    | 25 kgs | <b>£ 118.40</b> |
| <b>M407</b> | Drum MPG<br>(Monopropylene Glycol)   | 25 kgs | <b>109.81</b>   |
| <b>I515</b> | Friogel Neo Heat Pump Transfer Fluid | 20 ltr | <b>56.00</b>    |

FRIOGEL® NEO HEAT PUMP is a Mono Propylene Glycol based heat transfer fluid with corrosion inhibitors specially formulated for use in air source and ground source heat pump systems. It is supplied as a concentrate for dilution.



## Sealants & Adhesives

| Code        | Type                     | Size   | Net Price     |
|-------------|--------------------------|--------|---------------|
| <b>M042</b> | Clear Silicone Sealant   | 300 ml | <b>£ 2.15</b> |
| <b>M043</b> | White Silicone Sealant   | 300 ml | <b>2.15</b>   |
| <b>M176</b> | Gun for Silicone Sealant |        | <b>3.22</b>   |
| <b>M058</b> | Evostik Gripfill         | 350ml  | <b>2.61</b>   |
| <b>M061</b> | Super Glue Tube          | 3g     | <b>5.95</b>   |
| <b>M063</b> | Mortar & Sand Mix        | 5kg    | <b>2.33</b>   |



## Hydro Sprayer

For use with coil cleaners.

| Code        | Model      | Size      | Net Price      |
|-------------|------------|-----------|----------------|
| <b>M428</b> | Advanced   | 8 0Litre  | <b>£ 33.07</b> |
| <b>M429</b> | Diversitec | 3.8 Litre | <b>31.58</b>   |



## Gallo Gun

Clears blocked drains and pump hose with swoosh cartridges, (Please order separately).

| Code        | Model                           | Net Price      |
|-------------|---------------------------------|----------------|
| <b>M412</b> | Gallo Gun (excludes cartridges) | <b>£ 51.35</b> |
| <b>M413</b> | Box of six Gallo Gun Cartridges | <b>14.49</b>   |



## EndoFlush (Flushing Agent)

EndoFlush internal system cleaner and acid remover. Specially formulated for use after a compressor failure, burn out or retrofit. Breaks down carbon deposits, sludge, tar, oil and grease fast. Non-regulated substance – biodegradable- non-flammable

| Code        | Model     | Size    | Net Price      |
|-------------|-----------|---------|----------------|
| <b>M202</b> | EndoFlush | 5 Litre | <b>£ 83.64</b> |



## Easy Range

The Easy Range consists of products pre-mixed and supplied in 600ml aerosol containers.



|                   |                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Easycoat</b>   | Coil protection to be used in aggressive environments such as saline or corrosive atmospheres or in areas prone to acid rain.             |
| <b>Easyfind</b>   | Bubbling leak detector spray.                                                                                                             |
| <b>Easyclean</b>  | Coil cleaner that will attack only the dirt and not the equipment.                                                                        |
| <b>EasyFresh</b>  | Odour neutraliser for AC systems. Specifically designed for air conditioning units<br>Eliminates odours Produces long-lasting fresh scent |
| <b>Easycare</b>   | Cleaner certified to British Standard BS/EN 1040 as a bactericide and to BS/EN 1275 as a fungicide.                                       |
| <b>Easyfoam</b>   | Heavy duty condenser cleaner formulated to foam out stubborn dirt.                                                                        |
| <b>Easyfinish</b> | For removal of grease and finger-marks from diffusers and casework – leaving a tidy, spotless job.                                        |



| Code          | Type       | Size   | Net Price     |
|---------------|------------|--------|---------------|
| <b>M485</b>   | Easycoat   | 600 ml | <b>£ 8.63</b> |
| <b>M486</b>   | Easyfind   | 600 ml | <b>8.63</b>   |
| <b>M48601</b> | Easy Fresh | 600 ml | <b>8.63</b>   |
| <b>M487</b>   | Easyclean  | 600 ml | <b>8.63</b>   |
| <b>M488</b>   | Easyfoam   | 600 ml | <b>8.63</b>   |
| <b>M489</b>   | Easycare   | 600 ml | <b>8.63</b>   |
| <b>M490</b>   | Easyfinish | 600 ml | <b>8.63</b>   |

## RTU – “Ready To Use”

The RTU products are ready-mixed and supplied in their own applicators. The range consists of Evaporator cleaner, Condenser cleaner, Coil cleaner/disinfectant and a Bubble-up leak detector. RTU products are supplied in a 1 litre ready to use applicator.

| Code        | Type                          | Size    | Net Price      |
|-------------|-------------------------------|---------|----------------|
| <b>M450</b> | RTU Condenser Cleaner         | 1 Litre | <b>£ 11.42</b> |
| <b>M452</b> | RTU Coil Cleaner/Disinfectant | 1 Litre | <b>11.42</b>   |
| <b>M454</b> | RTU Evaporator Cleaner        | 1 Litre | <b>11.42</b>   |
| <b>M480</b> | RTU Bubble-up Leak Detector   | 1 Litre | <b>11.42</b>   |



## Envirocoil

Envirocoil is an environmentally friendly Coil cleaner that attacks only dirt deposits, not equipment. Contains only bio-degradable surfactants (no acids, phosphates or solvents) yet still cleans with maximum effectiveness.

| Code        | Type       | Size    | Net Price      |
|-------------|------------|---------|----------------|
| <b>M460</b> | Envirocoil | 5 Litre | <b>£ 25.98</b> |



## ProTect Corrosion protection

| Code        | Description                     | Net Price      |
|-------------|---------------------------------|----------------|
| <b>M471</b> | ProTect Corrosion protection 1L | <b>£ 53.60</b> |
| <b>M472</b> | ProTect Corrosion protection 5L | <b>133.74</b>  |





### Hydrokleen

Non-acid condenser cleaner. The perfect solution to dirty or greasy air conditioning or refrigeration systems. This totally acid free cleaner produces a heavy duty foam which cuts through all contaminants and leaves the equipment looking as good as new

| Code | Type       | Size    | Net Price |
|------|------------|---------|-----------|
| M466 | Hydrokleen | 5 litre | £ 28.17   |



### Condencide

Condencide will clean and disinfect metal surfaces. It is ideal for use in food preparation areas and is certified to British Standard BS/EN 1276 as a bactericide and to BS/EN 1650 as a fungicide.

| Code | Type       | Size    | Net Price |
|------|------------|---------|-----------|
| M468 | Condencide | 5 litre | £ 29.95   |



### HB30 – Ice Machine Cleaner

Safe for all types of Ice Machine, including those with aluminium or nickel parts. It removes lime and other scale with maximum effectiveness and can also be used for other kitchen equipment. Ideal for removing scale build up from kettles, water dispensers and tea and coffee makers.

| Code | Type  | Size    | Net Price |
|------|-------|---------|-----------|
| M470 | HB-30 | 5 litre | £ 25.61   |



### Hydrocoil

A concentrated cleaner that is simple and effective in cleaning evaporator coils. Able to treat extremely dirty coils and also de-odorises, eliminates slime in condensate trays and limits future dirt accumulation.

| Code | Type      | Size    | Net Price |
|------|-----------|---------|-----------|
| M462 | Hydrocoil | 5 litre | £27.89    |



### Superclean

Developed specifically for air-cooled condensers. This heavy duty foaming cleaner foams out stubborn deposits – even those which have been baked on.

| Code | Type       | Size    | Net Price |
|------|------------|---------|-----------|
| M464 | Superclean | 5 litre | £ 30.80   |



### Drainkleen

Condensate drain cleaner. A powerful and effective liquid drain cleaner formulated specifically to clear organic blockages in condensate drains. Also removes lime-scale and rust deposits from drains and traps.

| Code | Type                | Size    | Net Price |
|------|---------------------|---------|-----------|
| M474 | Drainkleen          | 5 litre | £ 38.54   |
| M475 | Drainkleen One Shot | 250 ml  | 4.52      |



### Grease Gobbler

Formulated specifically to provide a quick and easy to use heavy duty solvent cleaner capable of cleaning away grease and dirt. The high velocity blasting action and the powerful solvents loosen and remove stubborn grease and dirt.

| Code | Type                          | Net Price |
|------|-------------------------------|-----------|
| M135 | Grease Gobbler 400 ml aerosol | £ 8.63    |



### Smelly Jelly

Smelly Jelly has been formulated to provide a pleasant fragrance in fan coil and cassette units. Easy to apply, Smelly Jelly is simply placed within the unit ideally as close to the discharge grille as possible. Once in position and the unit is switched on the fragrance will immediately become noticeable. Available in five fragrances.

| Code | Type                    | Net Price |
|------|-------------------------|-----------|
| M492 | Yellow Citrus Fragrance | £ 6.20    |
| M493 | Red Floral              | 6.20      |
| M494 | Green Herbal            | 6.20      |
| M495 | Ivory Morning           | 6.20      |
| M496 | Blue Mountain           | 6.20      |



### QwikTreat

QwikTreat is an inexpensive, easy to use, long lasting condensate pan treatment. QwikTreat is a patent pending time released tablet that will treat and prevent scum, scale and deposits that can cause odours and clog drains.

| Code | Type                                  | Net Price |
|------|---------------------------------------|-----------|
| M472 | QuickTreat Capsules (Pack of Sixteen) | £ 64.12   |



### Cool Safe

CoolSafe® is an effective coil cleaner for refrigeration systems. Its unique formula will remove all common contaminants left by organic materials and foodstuffs on cooling coils... with minimum hazard to the user and immediate environment.

| Code | Type                           | Net Price |
|------|--------------------------------|-----------|
| M455 | Cool Safe 1 litre Ready to Use | £ 11.78   |
| M456 | Cool Safe 5 litre              | 33.01     |



### StayClean Tablets

StayClean Tablets are an inexpensive, easy to use, long lasting condensate pan treatment. They will control odours and prevent builds ups in the condensate tray and drain. Multiple tablets can be used for larger systems for maximum flexibility.

| Code | Type                                    | Net Price |
|------|-----------------------------------------|-----------|
| M476 | StayClean Mini Tablets (Pack of Twenty) | £ 4.52    |



### StayClean Strips

StayClean Strips are placed in the condensate tray. Here they will slowly dissolve in the condensate over a period of six months. As they do they will release a disinfectant that will effectively keep the tray clear of bacteria and moulds. Suitable for systems between 3 and 5kW.

Other sizes available to order - up to 70kW systems – please ask our sales office for details .

| Code | Type                | Net Price |
|------|---------------------|-----------|
| M477 | StayClean Strips #2 | £ 9.61    |



## Maintenance Stationery

### Engineers Pads

Available in five varieties, AC-Pro report pads cover the wide spectrum of jobs which must now be recorded by law. Whether it's a service, breakdown, installation or commission, a purpose-built form is at hand to keep client equipment log books up-to-date – including the right details to exceed current regulations.



| Code | Description                                        | Net Price |
|------|----------------------------------------------------|-----------|
| M081 | AC Pro Service Report Pad (50 Sheets)              | £ 9.74    |
| M082 | AC Pro Refrigerant Tracking Report Pad (50 Sheets) | 9.74      |
| M083 | AC Pro Part Request Report Pad (50 Sheets)         | 9.74      |
| M084 | AC Pro Commissioning Report Pad (50 Sheets)        | 9.74      |
| M085 | AC pro Refrigeration Service Pad (50 Sheets)       | 9.74      |
| M086 | AC Pro Pipe Strength & Tightness Pad (50 Sheets)   | 9.74      |
| M087 | AC Pro Mixed Engineers Reports (50 Sheets)         | 9.74      |
| M088 | AC Pro Breakdown Reports (50 Sheets)               | 9.74      |
| M089 | AC Pro Installation Reports (50 Sheets)            | 9.74      |
| M090 | AC Pro F-Gas System Labels                         | 12.66     |

AC Pro Pads are an efficient record management system, with the reporting sheets providing engineers with a concise, efficient way to keep accurate records and give peace of mind to customers; particularly those worried about their legal F-Gas duties.



### Hazard Labels

|      |                              |        |
|------|------------------------------|--------|
| M092 | Compressed Gas 100mm x 100mm | £ 2.89 |
| M093 | Flammable Gas 100mm x 100mm  | 2.89   |
| M094 | Compressed Gas 200mm x 200mm | 3.99   |
| M095 | Flammable Gas 200mm x 200mm  | 3.99   |



### Comparitor

| Code | Description             | Net Price |
|------|-------------------------|-----------|
| M099 | Comparitor (Slide Rule) | £ 3.89    |



## Safety Protection

| Code | Description                                                                             | Net Price |
|------|-----------------------------------------------------------------------------------------|-----------|
| Q902 | Rothenberger Protective Goggles Grade 1                                                 | £ 3.25    |
| Q919 | Rothenberger Comfort Masks Pack 10                                                      | 8.33      |
| Q120 | Latex Gloves Lightly Powdered (Natural Rubber Latex minimises the risk of 1V Allergies) | 7.34      |
| Q920 | Foam Knee Pads with Adjustable Straps                                                   | 7.39      |
| Q921 | Pack 2 Elasticated Colour Coded Bungee Cords 48"                                        | 3.09      |
| Q922 | Pack 2 Elasticated Colour Coded Bungee Cords 60"                                        | 3.30      |



## Test Kits & Maintenance

### Retrofit Kit

| Code | Type                         | Net Price |
|------|------------------------------|-----------|
| M156 | Qwik Check 2 Second Test Kit | £9.15     |



### Acid Test Kit

|      |                           |        |
|------|---------------------------|--------|
| M154 | TKO for Mineral Oil       | £ 7.39 |
| M155 | Suitable for all oils Oil | 9.49   |

### Acid Away

|      |                           |         |
|------|---------------------------|---------|
| M162 | Acid Away for Mineral Oil | £ 26.23 |
| M163 | Acid Away for Ester Oil   | 28.24   |



## Pro-Flush HVAC Flushing Kit

| Code | Description                            | Net Price |
|------|----------------------------------------|-----------|
| M414 | Pro-Flush HVAC Flushing Kit            | £ 98.98   |
| M415 | Pro-Flush HVAC Flushing Solvent Refill | 64.65     |



## Penetrating Oil

Lubricant, moisture repellent, protects metal against rust and cleans away grease.

| Code | Type                          | Net Price |
|------|-------------------------------|-----------|
| M171 | CO-1 Pull a Spout Oiler 120ml | £ 3.28    |
| M180 | WD-40 325ml Aerosol           | 4.49      |



## Grease

| Code  | Type                              | Net Price |
|-------|-----------------------------------|-----------|
| M181  | LM2 Grease 400g                   | £ 4.39    |
| M182  | Grease Gun                        | 23.49     |
| M1820 | Grease Gun Flexi Tube             | 8.97      |
| M183  | Molykote Gas Cock Grease 50g      | 5.72      |
| Q124  | Silicon Grease (WRC Approved) 50g | 5.89      |



## Cleaning Wipes

| Code | Type                                    | Net Price |
|------|-----------------------------------------|-----------|
| M059 | Blue Paper Towel Roll 3ply - 100 Sheets | 3.89      |
| Q126 | Heavy Duty Textured Hand Wipes (x70)    | 9.35      |
| M498 | EasyWipes (1 Pack of 50 Wipes)          | 3.89      |



## Gloves

| Code | Type                                         | Net Price |
|------|----------------------------------------------|-----------|
| Q125 | Heavy Duty Leather Rigger Gloves Pair        | £ 1.69    |
| Q134 | Vinyl Gloves Medium Pack 100                 | 4.99      |
| Q120 | Vinyl Gloves Large Pack 100                  | 4.99      |
| Q903 | PVC Gloves (Ideal when handling refrigerant) | 2.15      |



## Heat Sink Compound

| Code | Type                        | Net Price |
|------|-----------------------------|-----------|
| M183 | Heat Sink Compound 25g Tube | £ 7.85    |



## Epoxy Putty

| Code | Type        | Net Price |
|------|-------------|-----------|
| M163 | Epoxy Putty | 5.49      |





## Xtra Rigid Pipe & Pipe Fittings

Complies with MS628, BS3505, SIRIM & SPAN listed  
Specifically designed and manufactured for the industry Greater wall thickness

- Smooth internal bore
- Greater rigidity requiring less supports
- Resistant to freezing & cracking
- Superior quality product for a more professional installation
- Available in Black or White



| Code | White | Black | Style                                                      | Net Price |
|------|-------|-------|------------------------------------------------------------|-----------|
| N465 | B7501 | B7617 | 3/4" – 15mm ID 21.5mm OD Tube x 3m                         | £ 2.65    |
| N466 | B7541 | B7629 | 3/4" – 15mm ID 21.5mm OD Connector                         | 0.91      |
| N467 | B7511 | B7620 | 3/4" – 15mm ID 21.5mm OD 90° Bend                          | 0.73      |
| N468 | B7521 | B7623 | 3/4" – 15mm ID 21.5mm OD 45° Bend                          | 0.72      |
| N469 | B7531 | B7626 | 3/4" – 15mm ID 21.5mm OD Equal Tee                         | 0.73      |
| N470 | B7571 | B7638 | 3/4"–15mm ID 21.5mm OD Male Threaded Socket                | 1.07      |
| N471 | B7561 | B7635 | 3/4"–15mm ID 21.5mm OD Female Threaded Socket              | 1.09      |
| N688 | B7582 | B7642 | 3/4" – 1 1/4" Reducing Socket                              | 1.19      |
| N472 | B7616 | B7652 | 3/4" Overflow Pipe Clip                                    | 0.35      |
| N473 | B7613 | B7649 | 3/4" UPVC Pipe Stud Clip                                   | 0.49      |
| N477 |       |       | Adhesive for PVC/MUPVC Tube manufactured to BS 6209 250 ml | 4.65      |



## 32mm Waste Pipe

White Plastic Drain Tube and Fittings.

| Code | Style                                  | Net Price |
|------|----------------------------------------|-----------|
| N650 | 32mm White Waste Pipe x 3M Length      | £ 5.94    |
| N654 | 32mm White Straight Couplers           | 0.71      |
| N658 | 32mm White 90° Bend                    | 0.71      |
| N662 | 32mm White 92.5° Bend                  | 0.69      |
| N665 | 32mm White 135° Bend                   | 0.76      |
| N668 | 32mm White Equal Tee                   | 0.88      |
| N683 | 32mm White Access Plug                 | 0.96      |
| N675 | 32mm White Pipe Clip                   | 0.33      |
| N428 | 32mm White Hepvo Self Seal Waste Valve | 21.26     |
| N688 | 32mm x 21.5mm Solvent Reducer          | 0.78      |
| F085 | 15mm Talon Locking Clip Single PK100   | £ 9.82    |
| F086 | 22mm Talon Locking Clip Single PK 100  | 13.48     |
| F083 | 15mm Talon Nail Clips PK 100           | 5.53      |
| F084 | 22mm Talon Nail Clips PK100            | 5.76      |
| N477 | Floplast White Solvent Cement 250 ml   | £ 4.65    |



## Plastic Tube Cutters

Pipe cutters for cutting White Plastic Drain Pipe.  
(not suitable for Grey PVC drain pipe).

| Code | Style                                 | Net Price |
|------|---------------------------------------|-----------|
| Q131 | Rothenberger 42TC Ratchet Tube Cutter | £ 34.89   |
| N415 | Rothenberger 59010 10mm PLASTICUT     | £ 7.18    |
| N416 | Rothenberger 59015 15mm PLASTICUT     | 7.49      |
| N417 | Rothenberger 59022 22mm PLASTICUT     | 8.21      |
| N418 | Rothenberger 59028 28mm PLASTICUT     | 10.25     |



For quick, clean and right angled cuts on plastic pipes



## Condensate Hose

### 30 Metre Coils

| Code | Size                  | Style            | Net Price |
|------|-----------------------|------------------|-----------|
| N482 | 1/4" i.d. x 1/2" o.d. | Reinforced Clear | 5.89      |
| N484 | 3/8" i.d. x 5/8" o.d. | Reinforced Clear | 8.98      |
| N485 | 1/2" i.d. x 1/2" o.d. | Reinforced Clear | 10.25     |
| N485 | 1/4" i.d. x 6mm o.d.  | Reinforced Black | £ 6.80    |



### Condensate Accessories

| Code  | Part Number   | Description                    | Net Price |
|-------|---------------|--------------------------------|-----------|
| N617  | FP2628 Pack 3 | 1/4" Non Return Valve          | £ 8.27    |
| N735  | FP2630 Pack 3 | 3/8" Non Return Valve          | 10.97     |
| N7409 | FP2024 Pack 5 | 6mm Tee Connector              | 6.20      |
| N7408 | FP2028 Pack 5 | 6mm Elbow Connector            | 6.03      |
| N709  | FP2622 Pack 5 | 6mm Straight Connector         | 5.79      |
| N731  | FP2030 Pack 5 | 10mm Tee Connector             | 7.75      |
| N7411 | FP2032 Pack 5 | 10mm Elbow Connector           | 8.10      |
| N7412 | FP2624 Pack 5 | 10mm Straight Connector        | 8.56      |
| N730  | FP2038 Pack 3 | Hose to Soil Pipe Self Sealing | 12.92     |
| N7501 | FP2040 Pack 3 | Hose to Overflow               | 4.10      |



## Hose Clips

Bright Zinc plated Mild Steel.

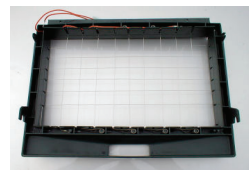
| Code | Model | To Suit              | Net Price |
|------|-------|----------------------|-----------|
| N490 | HC12  | 9.5 - 12 mm Diameter | £ 0.34    |
| N491 | HC16  | 11 - 16 mm           | 0.34      |
| N492 | HC20  | 13 - 20 mm           | 0.35      |
| N493 | HC22  | 14 - 22 mm           | 0.38      |
| N494 | HC25  | 17 - 25 mm           | 0.38      |
| N495 | HC30  | 22 - 30 mm           | 0.39      |
| N496 | HC-3S | 25 - 35 mm           | 0.42      |
| N497 | HC-4S | 35 - 45 mm           | 0.44      |



## Whirlpool Ice Machine Spares

### K20 K40 Models

| Code | Description          | Net Price |
|------|----------------------|-----------|
| T250 | Water Pump           | £ 36.19   |
| T252 | Cutting Grid         | 46.08     |
| T254 | Bin Thermostat       | 13.86     |
| T256 | Thickness Thermostat | 17.89     |
| T257 | Evaporator K40       | 224.25    |
| T258 | Condensor K40        | 99.95     |
| T260 | Hot Gas Coil         | 32.65     |
| T265 | Inlet Valve for K20  | 12.96     |
| T266 | Inlet Valve for K40  | 12.96     |

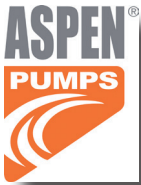


### Aspen Mini-Aqua Pump

The world's slimmest condensate removal pump is designed to fit where other's can't!

| Code | Model                               |
|------|-------------------------------------|
| N611 | FP2406/2 Aspen Mini-Aqua Pump       |
| N631 | FP3326 Aspen Silent+ Mini Aqua Pump |

Net Price  
£ 54.25  
60.79



|                      |                           |
|----------------------|---------------------------|
| Dimensions Pump unit | 28mm x 165mm x 28mm       |
| Dimensions reservoir | 40mm x 80mm x 41mm        |
| Pump Head            | Maximum head 8 metres     |
| Flow Rate            | 14 litres/hr at zero head |
| Discharge            | 6mm                       |

silent+  
MINI AQUA.



### Aspen Micro v i4 Mini & Maxi Orange Pump

The world's best selling mini pump offers unrivalled reliability and performance.

| Code | Model                                  |
|------|----------------------------------------|
| N619 | FP2212 Aspen Mini-Orange Pump          |
| N630 | FP3313 Silent+ Mini-Orange Pump        |
| N627 | FP2210 Aspen Maxi-Orange Pump          |
| N635 | FP1200 Micro v i4 ***New From Aspen*** |

Net Price  
£ 54.25  
60.79  
63.29  
68.55



|                      |                           |
|----------------------|---------------------------|
| Dimensions Pump unit | 52mm x 122mm x 38mm       |
| Dimensions reservoir | 40mm x 75mm x 40mm        |
| Pump Head            | Maximum head 8 metres     |
| Flow Rate            | 14 litres/hr at zero head |
| Discharge            | 6mm                       |

silent+  
MINI ORANGE.

### Aspen Mini Blanc Deluxe Pump

The 'ultra quick fit' Mini Blanc is designed to be fitted beneath high wall indoor units and offers easy access for future maintenance.

| Code | Model                                 |
|------|---------------------------------------|
| N626 | FP1080/2 Aspen Mini Blanc Deluxe Pump |

Net Price  
£ 54.25



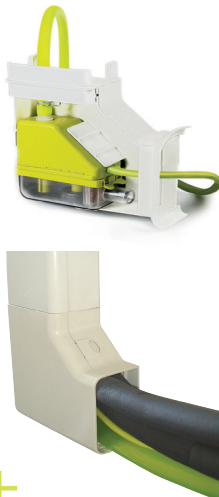
Water flow rate: 6L/hr @ zero head  
Maximum recommended head: 4m  
18dB(A) @ 1m

### Aspen Mini-Lime Pump

The Mini-Lime pump comes complete with 800 mm of plastic trunking.  
The pump is mounted within the elbow supplied.  
Completely reversible, can be mounted either side of the unit.  
There is space in the trunking for cables and insulated refrigerant tubes up to 3/8 and 5/8.

| Code | Model                                                  |
|------|--------------------------------------------------------|
| N620 | FP3312 Aspen Silent + Mini-Lime                        |
| N621 | FP3316 Aspen Silent + Mini-Lime use with 70mm BBJ Duct |
| N622 | FP3322 Aspen Silent + Mini Lime Replacement Pack       |
| N623 | FP2215 Aspen Maxi Lime Replacement Pack-Pump Only      |
| N624 | FP2213 Aspen Maxi Lime use with 70mm BBJ Duct          |

Net Price  
£ 89.21  
89.21  
59.95  
65.41  
96.89



|            |                               |
|------------|-------------------------------|
| Dimensions | 800mm Trunking with elbow     |
| Pump Head  | Max head 8m (Mini) 15m (Maxi) |
| Flow Rate  | 14 litres/hr at zero head     |
| Discharge  | : To suit 6mm i.d. Plastic    |

silent+  
MINI LIME.

### Aspen Standard Peristaltic Pump

Operated by an air conditioning cooling signal, the Standard Peristaltic sets the standard for reliability. The remote install options means minimum future maintenance disruption.

| Code | Model                                        |
|------|----------------------------------------------|
| N600 | FP2081/2 Aspen Standard MK2 Peristaltic Pump |
| N601 | 2716 Wall Mounting Bracket                   |

Net Price  
£ 82.17  
7.95



|              |                                 |
|--------------|---------------------------------|
| Dimensions   | : (H) 142 (W) 83 (D) 175mm      |
| Pump Head    | : 12 metres & 2.0 metre Suction |
| Flow Rate    | : 6.25 litres/hr at 12 metres   |
| Discharge    | : To suit 1/4" i.d. Plastic     |
| Power Supply | : 230 volts, 1PH 50Hz           |
| Temp Limit   | : On tube -30/+100 Deg.C        |



### Aspen Universal Peristaltic Pump

The top selling Universal is operated by two air temperature sensors. The peristaltic rotary movement creates a continuous pressure meaning the pump can be sited 8m away from the source with no effect in performance

| Code | Model                                     |
|------|-------------------------------------------|
| N602 | FP2082/2 Aspen Universal Peristaltic Pump |
| N601 | 2716 Wall Mounting Bracket                |

Net Price  
£ 99.95  
7.95



|              |                                 |
|--------------|---------------------------------|
| Dimensions   | : (H) 142 (W) 83 (D) 175mm      |
| Pump Head    | : 12 metres & 2.0 metre Suction |
| Flow Rate    | : 6.25 litres/hr at 12 metres   |
| Discharge    | : To suit 1/4" i.d. Plastic     |
| Power Supply | : 230 volts, 1PH 50Hz           |
| Temp Limit   | : On tube -30/+100 Deg.C        |

### Aspen MK4 Peristaltic Pump with Sensor

The MK4 peristaltic is operated using two water sensors. The lower sensor comes into contact with water, the heat conductivity from that sensor provides a temperature difference between the second – energising the pump.

| Code | Model                                               |
|------|-----------------------------------------------------|
| N604 | FP2080 Aspen Mk4 Peristaltic Pump with water sensor |
| N601 | BKT-01 Wall mounting bracket                        |

Net Price  
£ 117.94  
7.95



|              |                                 |
|--------------|---------------------------------|
| Dimensions   | : (H) 142 (W) 83 (D) 175mm      |
| Pump Head    | : 12 metres & 2.0 metre Suction |
| Flow Rate    | : 6.25 litres/hr at 12 metres   |
| Discharge    | : To suit 1/4" i.d. Plastic     |
| Power Supply | : 230 volts, 1PH 50Hz           |
| Temp Limit   | : On tube -30/+100 Deg.C        |

### Aspen Hi-Lift Tank Pumps

The world's only persitaltic tank pump offers unsurpassed high head and unmatched reliability

| Code | Model                                 |
|------|---------------------------------------|
| N606 | FP2099/2 Aspen Pump with 1 litre Tank |
| N607 | FP2071/2 Aspen Pump with 2 litre Tank |

Net Price  
£ 93.80  
98.95



|                    |                             |
|--------------------|-----------------------------|
| Dimensions 1 litre | : (H) 135 (W) 235(D) 145mm  |
| Dimensions 2 litre | : (H) 150 (W) 235(D) 145mm  |
| Pump Head          | : 12 metres                 |
| Flow Rate          | : 11 litres/hr at 12 metres |
| Discharge          | : To suit 1/4" i.d. Plastic |
| Power Supply       | : 230 volts, 1PH 50Hz       |
| Temp Limit         | : On tube -30/+100 Deg.C    |



## Aspen Hi-Flow Tank Pumps

Proven reliability and performance. The evolution of this world class tank pump means it's more engineer focused and even easier to install and maintain... when time is precious look no further.

| Code  | Model                                            | Net Price |
|-------|--------------------------------------------------|-----------|
| N608  | FP2096/2 Aspen Hi-Flow with 1 litre tank - Black | £ 42.55   |
| N6080 | FP2551 Aspen Hi-Flow with 1 litre tank - White   | 42.55     |
| N610  | FP2122/2 Aspen Hi-Flow with 2 litre tank - Black | 42.55     |
| N6100 | FP2552 Aspen Hi-Flow with 2 litre tank - White   | 42.55     |
| N6102 | FP1056/2 Aspen Mini Tank Pump                    | 51.65     |

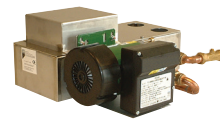
Max. flow 288L/h @ 0 head  
Max. rec. head 5m  
Tank capacity 1L & 2L  
Sound level@1m 55dB(A)



## Heavy Duty Tank Pump

Heavy Duty pumps are perfect for the removal of large quantities of condensate water

| Code | Model                                   | Net Price |
|------|-----------------------------------------|-----------|
| N628 | Aspen FP2074/2 Heavy Duty Tank Pump 6m  | £ 87.96   |
| N625 | Aspen FP2066/2 Heavy Duty Tank Pump 10m | 153.24    |



## Hot Water Economy Tank Pump

|      |                              |          |
|------|------------------------------|----------|
| N629 | Hot Water Economy 4 Litre    | £ 251.53 |
| N630 | Hot Water Heavy Duty 5 Litre | 439.48   |

Our Hot Water Economy & Hot Water Heavy Duty pumps are designed to handle 80°C water. With outstanding water flow rates



## Supermarket Pumps

| Code  | Model                                          | Net Price |
|-------|------------------------------------------------|-----------|
| N681  | FP2597 Low Profile Top Entry ERRP Dairy Pump   | £ 218.32  |
| N684  | FP2805 Low Profile Side Entry ERRP Dairy Pump  | 218.32    |
| N682  | FP2318 Top Entry ERRP Dairy Pump               | 243.92    |
| N6820 | FP2320 Side Entry ERRP Dairy Pump              | 243.92    |
| N683  | FP2119 Top Inlet Cold Cabinet Stainless Steel  | 415.96    |
| N685  | FP2120 Side Inlet Cold Cabinet Stainless Steel | 415.96    |



A superior stainless steel refrigeration pump built to last. Designed to fit beneath refrigeration units, it pumps away defrost water and filters debris

## Boiler Pumps

|      |                                      |         |
|------|--------------------------------------|---------|
| N652 | FP2950 Aspen Alarm Boiler Pump       | £ 48.42 |
| N653 | FP2952 Aspen Hi-Capacity Boiler Pump | 48.42   |
| N654 | FP2944 Compact Kitchen Pump          | 53.10   |
| N655 | FP2948 Kitchen Model Pump            | 53.10   |



The **Kitchen all-in-one boiler Pump** is designed to be fitted beneath the boiler.  
The **Compact Boiler Pumps** are Ideal for domestic gas boilers.

## Spare Tube for Peristaltic Pumps

Inspect pump head regularly and change the tube every twelve months.

| Code | Model                                  | Net Price |
|------|----------------------------------------|-----------|
| N612 | FP1282 Spare Head Tube for Aspen Pumps | £ 8.66    |



## Controllers

### Eliwell Controllers

ID Cool Chill and Freeze Range - Pre-Programmed - Suitable for service replacement and Original equipment

| Code | Type      | Description                    | Voltage/Temp        | Net Price |
|------|-----------|--------------------------------|---------------------|-----------|
| L596 | ID Cool   | Refrigerator Off Cycle Defrost | +3 to +15C 230V AC  | £ 20.85   |
| A597 | ID Chill  | Chillers-Electrical Defrost    | -15 to +5C 230V AC  | 29.83     |
| A598 | ID Freeze | Freezers-Electrical Defrost    | -40 to -10C 230V AC | 32.61     |



### ID Plus Series

| Code  | Model       | Defrost Type               | Voltage/Temp      | Net Price |
|-------|-------------|----------------------------|-------------------|-----------|
| L602  | ID Plus 961 | Off Cycle Visual Alarm     | -55/150C 12A 12V  | £ 50.82   |
| I6020 | ID 961      | Off Cycle Visual Alarm     | -55/150C 12A 12V  | 28.95     |
| L610  | ID Plus 971 | Tme/Temp Buzzer Alarm      | -55/150C 12A 12V  | 63.27     |
| L614  | ID Plus 974 | Time/Temp Fan Delay Buzzer | -55/150C 12A 12V  | 67.55     |
| L6140 | ID 974      | Time/Temp Fan Delay Buzzer | -55/150C 12A 12V  | 29.19     |
| L603  | ID Plus 961 | Off Cycle Visual Alarm     | -55/150C 12A 230V | 43.25     |
| L611  | ID Plus 971 | Tme/Temp Buzzer Alarm      | -55/150C 12A 230V | 61.35     |
| L615  | ID Plus 974 | Time/Temp Fan Delay Buzzer | -55/150C 12A 230V | 52.91     |



ID Plus Range

ID Range



### Digital LCD Thermometer - Battery Powered

| Code | Model   | Description                     | Voltage /Temp | Net Price |
|------|---------|---------------------------------|---------------|-----------|
| Q870 | EWTL300 | Probe/Battery Included PTC 1.5V | -20/70C       | £ 13.95   |



### Transformer

| Code | Part Number | Description                 | Voltage  | Net Price |
|------|-------------|-----------------------------|----------|-----------|
| L640 | TF11111     | For use with 1 X Controller | 230V/12V | £ 3.57    |



### Temperature Sensors(Probes)

| Code | Part Number  | Description              | Temp      | Net Price |
|------|--------------|--------------------------|-----------|-----------|
| L624 | SN8SAA1500   | NTC Probe 1.5m Stainless | -40/+110C | £ 5.18    |
| L626 | SN100000     | NTC Probe 3.0m Stainless | -50/+110C | 8.19      |
| L620 | SN7SOA1500   | PTC Probe 1.5m Stainless | -50/+110C | 5.79      |
| L622 | SN7POA3000   | PTC Probe 3.0m Stainless | -30/+80C  | 8.19      |
| L920 | PSTPN615F200 | NTC Probe 1.5M Plastic   | -40/+110C | 2.95      |



### Wall Mounting Box

| Code  | Part Number | Description                | Size            | Net Price |
|-------|-------------|----------------------------|-----------------|-----------|
| L644  | EW BOX      | Wall Box for 1 Controller  | 32mm x 74mm x 1 | £ 10.20   |
| L6440 | EW BOX      | Wall Box for 2 Controllers | 32mm x 74mm x 2 | 10.95     |



### Eliwell Control Panel

Complete management of static or ventilated cold rooms

The Coldface EWRC 300/500LX series manages the temperature control of a static or ventilated cold room

| Code | Part Number | Description      | Size | Net Price |
|------|-------------|------------------|------|-----------|
| L254 | EWRC 500 NT | Eliwell Coldface |      | £ 112.15  |



| Controllers                                                                                                                                                                                                                                                                                                                                                                                                       |              |                                                                                                      |                                                     |           |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Carel Controllers                                                                                                                                                                                                                                                                                                                                                                                                 |              |                                                                                                      |                                                     |           |                                                                                       |
| Code                                                                                                                                                                                                                                                                                                                                                                                                              | Part Number  | Description                                                                                          | Temp Range                                          | Net Price |    |
| L210                                                                                                                                                                                                                                                                                                                                                                                                              | PZDOSNPOE1   | Easy Cool incl Probes                                                                                | -50/+90C                                            | £ 23.16   |                                                                                       |
| A211                                                                                                                                                                                                                                                                                                                                                                                                              | PZDOCOP001   | Easy Freeze incl Probes                                                                              | -50/+90C                                            | 30.84     |                                                                                       |
| Dixell Controllers                                                                                                                                                                                                                                                                                                                                                                                                |              |                                                                                                      |                                                     |           |                                                                                       |
| Code                                                                                                                                                                                                                                                                                                                                                                                                              | Type         | Description                                                                                          | Temp Range                                          | Net Price |    |
| L155                                                                                                                                                                                                                                                                                                                                                                                                              | Universal-J  | T/Stat Off Cycle Defrost                                                                             | NTC/PTC 12V AC/DC<br>1 x NTC Probes included        | £ 32.22   |                                                                                       |
| L156                                                                                                                                                                                                                                                                                                                                                                                                              | Universal-R  | Dual Voltage Off Cycle<br>Defrost Fan Control<br>4th Relay for 2nd Evaporator<br>Defrost Alarm/Light | NTC/PTC 12VAC/DC 230V AC<br>2 x NTC Probes included | 59.78     |    |
| LAE Controllers                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                                                                                      |                                                     |           |                                                                                       |
| Code                                                                                                                                                                                                                                                                                                                                                                                                              | Type         |                                                                                                      | Control Range                                       | Net Price |    |
| L214                                                                                                                                                                                                                                                                                                                                                                                                              | AT2-5BS4E-AG | Digital Controller                                                                                   | -50÷120°C 230V<br>2 x NTC Probes included           | £ 46.95   |                                                                                       |
| Parker Sporlan Controllers                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                                                                      |                                                     |           |                                                                                       |
| Code                                                                                                                                                                                                                                                                                                                                                                                                              | Part Number  | Description                                                                                          | Control Range                                       | Net Price |  |
| L900                                                                                                                                                                                                                                                                                                                                                                                                              | PSK201N7     | Single Digital Output<br>230V NTC/PTC inputs<br>(Chiller)                                            | 16A                                                 | £ 27.50   |                                                                                       |
| L901                                                                                                                                                                                                                                                                                                                                                                                                              | PSK223N7     | Three Digital Outputs<br>230V 2 x NTC/PTC<br>inputs (Freezer)                                        | 8A                                                  | 35.28     |  |
| L902                                                                                                                                                                                                                                                                                                                                                                                                              | PSK213N3     | Digital Controller<br>12-24V                                                                         | 16A                                                 | 38.89     |                                                                                       |
| L920                                                                                                                                                                                                                                                                                                                                                                                                              | PELX322      | NTC Temp Probe                                                                                       | IP67                                                | 3.88      |                                                                                       |
| Sporlan's PSK Series electronic controllers manage low and medium temperature refrigeration units by controlling compressors, defrost, lights and fans. There are several models to choose from starting with the PSK201 with simple logic and wiring (for base compressor and defrost control) to the PSK214 with multiple I/Os and evaporator fan management (for complex compressor, defrost and fan control). |              |                                                                                                      |                                                     |           |                                                                                       |
| Data Loggers                                                                                                                                                                                                                                                                                                                                                                                                      |              |                                                                                                      |                                                     |           |                                                                                       |
| Code                                                                                                                                                                                                                                                                                                                                                                                                              | Part Number  | Description                                                                                          |                                                     | Net Price |  |
| Q880                                                                                                                                                                                                                                                                                                                                                                                                              | SL300T       | Data Logger C/W Software REP SL20                                                                    |                                                     | £ 72.95   |                                                                                       |
| Thermometers                                                                                                                                                                                                                                                                                                                                                                                                      |              |                                                                                                      |                                                     |           |                                                                                       |
| Code                                                                                                                                                                                                                                                                                                                                                                                                              |              | Description                                                                                          |                                                     | Net Price |  |
| Q868                                                                                                                                                                                                                                                                                                                                                                                                              |              | LCD Thermometer                                                                                      |                                                     | £ 8.95    |                                                                                       |
| Q869                                                                                                                                                                                                                                                                                                                                                                                                              | RT-221       | Cabinet Thermometer                                                                                  |                                                     | 6.95      |                                                                                       |
| Q874                                                                                                                                                                                                                                                                                                                                                                                                              | SP-120       | Solar Powered Thermometer                                                                            |                                                     | 22.29     |                                                                                       |

## Grasslin Time Switches



| Code | Type                                                                                                                              | Net Price |
|------|-----------------------------------------------------------------------------------------------------------------------------------|-----------|
| L020 | IHTGPT01 STUZH 24 hour Dial<br>Change over contacts.<br>Switchable every 15 minutes                                               | £ 19.70   |
| L021 | FM1/STUHZ MODULE 24 HOUR TIMER<br>Multiple programme slots<br>Switchable every 15 Minutes.                                        | 17.50     |
| L022 | TACTIC 111.1 Surface Flush and Din Rail Mounted<br>Universal Time Switch. 24 Hour<br>Dial 16A/250V Switchable every 15<br>Minutes | 15.49     |



## Defrost Timers

| Code | Description                  | Net Price |
|------|------------------------------|-----------|
| L038 | Supco Adjustable Timer EDT20 | £ 24.82   |
| L039 | Supco TD-69 Time Delay       | 10.14     |
| L015 | SB3-82 Bigatti Timer         | 44.90     |



## Heater Tapes

Drain line Heater Tapes are suitable for internal applications and should be energised only when the system is on defrost. If you require permanent operation Power output: 40 watts per metre.  
Dimensions: 7mm x 5 mm oval cross section.  
Supplied with 1000 mm cold leads.

| Code | Description       | Net Price |
|------|-------------------|-----------|
| L130 | 1.0 M Heater Tape | £ 8.32    |
| L131 | 1.5 M Heater Tape | 11.39     |
| L132 | 2.0 M Heater Tape | 12.89     |
| L133 | 3.0 M Heater Tape | 14.06     |
| L134 | 4.0 M Heater Tape | 15.98     |
| L135 | 5.0 M Heater Tape | 18.64     |
| L136 | 6.0 M Heater Tape | 21.27     |



## Condensate Evaporator Tray



| Code | Description                           | Net Price |
|------|---------------------------------------|-----------|
| N510 | ET-150 Condensate Evaluator Tray 300W | £ 68.02   |



| Part Code         | Description     | Evaporator Flow | Tank Capacity | Height | Length | Width  | Weight | Volts Hertz |
|-------------------|-----------------|-----------------|---------------|--------|--------|--------|--------|-------------|
| ET-150 <b>NEW</b> | Evaporator Tray | 150 ml per hr   | 1.5 litre     | 90 mm  | 320 mm | 120 mm | 1.1 kg | 230V / 50Hz |

## Liquid Level Sensor

| Code | Description               | Net Price |
|------|---------------------------|-----------|
| N512 | Liquid Level Float Switch | £ 12.79   |





Fan Speed Controllers

The Fan Speed Controller is designed to control the head pressure during ambient temperatures of 21°C and lower, whilst in cooling mode. The aim is to achieve a condenser head pressure of between 230 psig/245 psig (these figures apply to R22 refrigerant). The heat pump model has a switch to facilitate either energised or de-energised 4 way valves in heating, between 24V and 240V signals. Specification:  
There are two models available:  
One for Cooling Only  
One for Heating and Cooling  
Condenser temperature coil sensor  
Max output: 3 Amp  
Push on connectors  
Minimum speed adjustment: 230V 50/60 Hz  
Power Consumption Internal: 8 W  
Heat Pump Model: Reversing valve input 24 to 240V A.C.  
opto isolated Setpoint: 30 to 60 °C



| Code | Type      | Description                      | Net Price |
|------|-----------|----------------------------------|-----------|
| E526 | ASPEN-C   | Fan Speed Controller - Cooling   | £ 40.46   |
| E527 | ASPEN-H/C | Fan Speed Controller - Heat Pump | 46.78     |

Alco Fan Speed Control - Universal

| Code | Type     | Model                      | Net Price |
|------|----------|----------------------------|-----------|
| E525 | FSX-42-S | Fan Speed Control 18.8 bar | £ 73.85   |

Adjustable cut-off pressure  
High voltage Triac (800Volts)  
Integrated protection against voltage peaks  
IP65 protection, no additional gaskets required (Moulded into plug)  
Easy mounting and adjustment



3 Phase Failure + Phase Protection Detector

| Code | Description                                 | Net Price |
|------|---------------------------------------------|-----------|
| E530 | 3 Phase Failure + Phase Protection Detector | £ 37.60   |

Designed to protect 3 phase motors and industrial equipment from over-heating due to a phase failure.



Hi-Level Water Sensor

| Code | Description           | Net Price |
|------|-----------------------|-----------|
| E531 | Hi-Level Water Sensor | £ 62.42   |

The versatile Hi-Level Water Sensor is available with two different sensor options. The Hi-Level Water Sensor can be used in conjunction with most pumps that do not include high level safety. It also has 2 levels of sensing - high and low, both with N.O, N.C & C.



Dry All Liquid Line Filter Drier DCH Series

Flare Type 1/4"

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C460 | DCH032F 1/4 SAE Dry All Filter Drier | £ 3.96    |
| C461 | DCH052F 1/4 SAE Dry All Filter Drier | 5.89      |
| C462 | DCH082F 1/4 SAE Dry All Filter Drier | 6.81      |
| C463 | DCH162F 1/4 SAE Dry All Filter Drier | 13.41     |



Flare Type 3/8"

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C465 | DCH053F 3/8 SAE Dry All Filter Drier | £ 5.89    |
| C466 | DCH083F 3/8 SAE Dry All Filter Drier | 6.81      |
| C467 | DCH163F 3/8 SAE Dry All Filter Drier | 7.93      |
| C468 | DCH303F 3/8 SAE Dry All Filter Drier | 13.11     |

Flare Type 1/2"

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C471 | DCH084F 1/2 SAE Dry All Filter Drier | £ 7.01    |
| C472 | DCH164F 1/2 SAE Dry All Filter Drier | 7.93      |
| C473 | DCH304F 1/2 SAE Dry All Filter Drier | 13.11     |

Flare Type 5/8"

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C476 | DCH165F 5/8 SAE Dry All Filter Drier | £ 8.54    |
| C477 | DCH305F 5/8 SAE Dry All Filter Drier | 13.11     |
| C478 | DCH415F 5/8 SAE Dry All Filter Drier | 22.05     |

Moisture and solid contaminants are persistent problems in ACR maintenance. If a system has not been properly evacuated, if it leaks, or if the water-absorbing polyolester (POE) oils have been inadvertently exposed to the air, water molecules will have accumulated in your pipes. Similarly, if a system has not been properly installed or serviced, brazing flux, dust, swarf, or insulation powder could all be trapped inside and circulated with the refrigerant.

All these elements can, in the short term, restrict the flow of refrigerants and make systems less efficient. In the longer term, however, their presence is a much more serious problem – causing acid build up, component corrosion, freeze-ups, and system shut-downs.

It is therefore highly beneficial to have an effective filter-dryer installed in all ACR systems. The unit, consisting of a filter and moisture-absorbing core catches passing detritus moisture, and acid, rendering them harmless.



### Dry All Liquid Line Filter Drier DCH Series

#### Solder Type 1/4"

| Code | Model                                 | Net Price |
|------|---------------------------------------|-----------|
| C480 | DCH032S 1/4" ODS Dry All Filter Drier | £4.17     |
| C481 | DCH052S 1/4" ODS Dry All Filter Drier | 5.89      |



#### Solder Type 3/8"

| Code | Model                                 | Net Price |
|------|---------------------------------------|-----------|
| C482 | DCH053S 3/8" ODS Dry All Filter Drier | £ 5.89    |
| C483 | DCH083S 3/8" ODS Dry All Filter Drier | 6.81      |
| C484 | DCH163S 3/8" ODS Dry All Filter Drier | 7.93      |
| C485 | DCH303S 3/8" ODS Dry All Filter Drier | 13.11     |

#### Solder Type 1/2"

| Code | Model                                 | Net Price |
|------|---------------------------------------|-----------|
| C486 | DCH084S 1/2" ODS Dry All Filter Drier | £7.01     |
| C487 | DCH164S 1/2" ODS Dry All Filter Drier | 7.93      |
| C488 | DCH304S 1/2" ODS Dry All Filter Drier | 13.11     |

#### Solder Type 5/8"

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C489 | DCH165F 5/8 ODS Dry All Filter Drier | £8.54     |
| C490 | DCH305F 5/8 Dry All Filter Drier     | 13.11     |

#### Solder Type 7/8"

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C491 | DCH417S 7/8 ODS Dry All Filter Drier | £22.05    |

#### Solder Type 1-1/8"

| Code | Net Price |
|------|-----------|
| C479 | £24.91    |



The unique desiccant blend and manufacturing process of the solid cores which are used in the DCH series of filter driers gives the range the following unique features:-  
The DCH series of filter dryers are uniformly effective across the entire solid core at capturing moisture and acid.  
The solid core found with the DCH series also provides excellent deep filtration, capturing and retaining particles as small as 10 microns, without causing unacceptable high pressure drops.  
No contaminants, moisture or acid are able to bypass the solid core, as it is sealed to the drier shell wall.  
The high degree of moisture capacity of the DCH series, means that the core removes large amounts of water in a single pass, thereby protecting the expansion valve from freezing up and minimising the risk of acid formation in the system.

APPROVED FOR USE WITH ALL CFC, HCFC AND HFC REFRIGERANTS.

### Catch All Liquid Line Burnout Drier

Burnout driers are used in the suction line to clean up refrigeration and air conditioning systems after a compressor motor burn out.  
The solid core is composed of 70% activated alumina and 30% molecular sieves. The drier absorbs both moisture and harmful acids thereby protecting the new compressor against premature failure



#### Flare Type

| Code | Model                              | Net Price |
|------|------------------------------------|-----------|
| C050 | 3/8" Flare Burnout Drier DAS 083VV | £ 33.41   |
| C051 | 1/2" Flare Burnout Drier DAS 084VV | 33.41     |
| C052 | 1/2" Flare Burnout Drier DAS 164VV | 33.41     |
| C053 | 5/8" Flare Burnout Drier C165-HH   | 22.92     |

#### Solder Type

| Code | Model                                 | Net Price |
|------|---------------------------------------|-----------|
| C060 | 5/8" Solder Burnout Drier C165-S-HH   | £ 22.92   |
| C063 | 5/8" Solder Burnout Drier C305-S-HH   | 39.29     |
| C065 | 7/8" Solder Burnout Drier C-417-S-HH  | 57.96     |
| C070 | 1-1/8" Solder Burnout Drier C-419STHH | 78.85     |

### Catch All 2 Way Heat Pump Drier

The Catch-All Heat Pump Driers internal construction allows reversible refrigerant flow while providing effective filtration and contaminant retention.  
External check valves are not required

#### Flare Type

| Code | Model                             | Net Price |
|------|-----------------------------------|-----------|
| C120 | 3/8" Flare Two Way Drier HPC-103F | £26.09    |
| C121 | 1/2" Flare Two Way Drier HPC-104F | 27.30     |

#### Solder Type

| Code | Model                              | Net Price |
|------|------------------------------------|-----------|
| C126 | 3/8" Solder Two Way Drier HPC-103S | £26.89    |
| C127 | 1/2" Solder Two Way Drier HPC-104S | 27.30     |





Replaceable Filter Drier Cores

**DC-48:**  
High moisture capacity replaceable solid core filter drier for HCFCs, HFC CFC refrigerants, mineral & polyester oils.

| Code | Model                                       | Net Price |
|------|---------------------------------------------|-----------|
| C630 | DC-48 High Moisture Solid Core Filter Drier | £ 17.67   |



**DB-48:**  
Burn out cleanup solid core filter dryer suitable for HCFC, HFC and CFC refrigerants, mineral & polyester oils. This has been specifically designed to clean up systems which have had a major hermetic burn out.

| Code | Model                                  | Net Price |
|------|----------------------------------------|-----------|
| C631 | DB-48 Burn Out Solid Core Filter Drier | £ 17.67   |

**DA-48**  
A standard replaceable solid core filter drier. Suitable for HCFC, HFC and CFC refrigerants, mineral & alkyl benzene oil.

| Code | Model                                  | Net Price |
|------|----------------------------------------|-----------|
| C632 | DA-48 Standard Solid Core Filter Drier | £ 17.67   |

High degree of activation in the core gives it maximum water retention capacity, excellent acid removal characteristics and the ability to remove the by-products of oil decomposition.  
The uniform grains, which are of the optimum size, gives the porous core a large surface area. This results in the triple filtration of the refrigerant, allowing it to catch large amounts of dirt with only a negligible pressure drop.  
The moulded core has a uniform porosity throughout its entire length and surface. This results in the core being able to remove large amounts of water in a single pass, thereby protecting the expansion valve from freezing up and minimising the risk of acid formation within the system.  
The replaceable solid core has the ability to withstand pressure surges, and therefore vibration and attrition is not a concern. Approved for use with all CFC, HCFC and HFC refrigerants.  
Dry All replaceable solid cores provide superior suction line compressor protection.  
All Dry All replaceable solid cores are individually packed in metal cans then hermetically sealed against moisture and dirt to preserve freshness.  
Standard sizes means that it is easy to install them in existing systems.

APPROVED FOR USE WITH ALL CFC, HCFC AND HFC REFRIGERANTS.

Refrigeration Oils

**Mineral Oil**

| Code | Type       | Size    | Net Price |
|------|------------|---------|-----------|
| M041 | Suniso 3GS | 4 Litre | £ 22.79   |

**Ester Oil**

|      |        |         |       |
|------|--------|---------|-------|
| M066 | RL-32H | 1 Ltre  | 22.02 |
| M067 | RL-32H | 5 Litre | 79.66 |
| M064 | RL-68H | 1 Litre | 25.44 |
| M065 | RL-68H | 5 Litre | 94.71 |

**Oil Pump**

| Code | Type | To suit     | Net Price |
|------|------|-------------|-----------|
| Q135 | OP-1 | 5 Litre Can | £ 69.95   |



Copper Spun Driers

**COMMON FEATURES:**

- All molecular sieve
- Spun copper shell
- Contains 4AXH9 which is compatible with most refrigerants including R-134a and MP-39

**DX-3 ADDITIONAL FEATURES:**

- May be crimped, swaged or flared to meet most application on units to 1/2 hp
- For capillary connections, simply pinch tube.

**DX-4 ADDITIONAL FEATURES:**

- For 3/16" through 3/8" connections on units up to 1-1/2 ton
- Extended ends may be cut at any point for desired size and simple installation
- Hermetically sealed ends

**DX-5 ADDITIONAL FEATURES:**

- For units up to 1-1/2 ton
- For charging on purging, a charging tee and access fitting are supplied on one end



| Code | Model                             | Net Price |
|------|-----------------------------------|-----------|
| C448 | DX3 1/4" x 1/4" Copper Spun Drier | £1.83     |
| C449 | DX-4 Charging Drier               | 3.79      |
| C443 | DXA-5 Universal Charging Drier    | 6.11      |
| C444 | MSCD-30 Copper Spun Drier         | 1.76      |

Vibration Eliminators

| Code | Model  | Description        | Net Price |
|------|--------|--------------------|-----------|
| D200 | 1/4"   | Vibration Absorber | £5.40     |
| D201 | 3/8"   | Vibration Absorber | 5.82      |
| D202 | 1/2"   | Vibration Absorber | 6.20      |
| D203 | 5/8"   | Vibration Absorber | 6.77      |
| D204 | 3/4"   | Vibration Absorber | 8.87      |
| D205 | 7/8"   | Vibration Absorber | 9.68      |
| D206 | 1.1/8" | Vibration Absorber | 12.65     |
| D207 | 1.3/8" | Vibration Absorber | 17.89     |



APPLICATIONS

A VIBRATION ELIMINATOR CAN BE INSTALLED IN BOTH THE SUCTION AND DISCHARGE LINES OF AIR-CONDITIONING AND REFRIGERATION SYSTEMS.

VIBRATION ELIMINATORS ARE SUITABLE FOR HCFC, HFC AND CO2 REFRIGERANTS, ALONG WITH THEIR ASSOCIATED OILS



## Sporlan Liquid Line Sight Glasses

Combination Moisture & Liquid Indicator  
for Refrigerants 134a, 22, 404A, 407C, 407F, 410A or 507



### Solder Type

| Code | Model                            | Net Price |
|------|----------------------------------|-----------|
| C172 | SA-12S 1/4" Solder Sight Glass   | £ 4.56    |
| C175 | SA-13S 3/8" Solder Sight Glass   | 6.79      |
| C178 | SA-14S 1/2" Solder Sight Glass   |           |
| C182 | SA-15S 5/8" Solder Sight Glass   |           |
| C214 | SA-17S 7/8" Solder Sight Glass   |           |
| C215 | SA-19S 1-1/8" Solder Sight Glass |           |



### Flare Type

| Code | Model                        | Net Price |
|------|------------------------------|-----------|
| C173 | SA-12 1/4" Flare Sight Glass | £ 6.79    |
| C176 | SA-13 3/8" Flare Sight Glass | 7.84      |
| C179 | SA-14 1/2" Flare Sight Glass | 9.13      |
| C181 | SA-15 5/8" Flare Sight Glass | 15.12     |



### Male/Female Type

| Code | Model                                | Net Price |
|------|--------------------------------------|-----------|
| C174 | SA-12FM 1/4" Female/Male Sight Glass | £8.08     |
| C177 | SA-13FM 3/8" Female/Male Sight Glass | 9.13      |
| C180 | SA-14FM 1/2" Female/Male Sight Glass | 15.10     |



## Danfoss Ball Valves

GBC ball valves are manually operated shut-off valves suitable for applications where bi-directional flow is a requirement.

GBC valves are approved for applications in liquid, suction, and hot gas lines in refrigeration and air conditioning systems.

GBC valves offer maximum tightness across the seat and seal, with minimum pressure drop.

GBC valves give maximum flow in the fully open position. They are designed for operation within a broad temperature range and are approved for use with any fluorinated refrigerant. Standard GBC valves may be used in applications using high pressure refrigerants, including R410A



| Code | Model  | Description | Net Price |
|------|--------|-------------|-----------|
| D061 | 1/4"   | Ball Valve  | £ 14.39   |
| D062 | 3/8"   | Ball Valve  | 14.69     |
| D063 | 1/2"   | Ball Valve  | 14.99     |
| D064 | 5/8"   | Ball Valve  | 15.29     |
| D065 | 7/8"   | Ball Valve  | 22.05     |
| D066 | 1.1/8" | Ball Valve  | 22.84     |



## Parker Sporlan Solenoid Valves

V-Series is a new range of solenoid valves for the liquid line, suction line and hot gas service for refrigeration and AC applications.

V-series are compatible with all CFC, HCFC and HFC refrigerants and blends and most refrigeration oils in the limit of MRP of 35 bar. specifications

V-Series are compatible with all CFC, HCFC and HFC refrigerants and blends and most refrigeration oils in the limit of MRP of 35 bar. Minimum refrigerant temperature is -40°C, maximum refrigerant temperature is +105°C.



| Code | Model | Connections | Part No.  | Net Price |
|------|-------|-------------|-----------|-----------|
| F630 | V4F2  | 1/4" Flare  | RT14-YB14 | £ 19.95   |
| F632 | V4F3  | 3/8"        | RT14-YB14 | 19.49     |
| F633 | V13F4 | 1/2"        | RT14-YB14 | 41.32     |
| F636 | V19F5 | 5/8"        | RT14-YB14 | 53.27     |
| Code | Model | Connections | Part No.  | Net Price |
| F631 | V4S2  | 1/4" Solder | RT14-YB14 | £ 24.79   |
| F634 | V13S4 | 1/2"        | RT14-YB14 | 41.32     |
| F635 | V19S5 | 5/8"        | RT14-YB14 | 64.37     |
| F637 | V23S6 | 3/4"        | RT14-YB14 | 86.90     |
| F638 | V23S7 | 7/8"        | RT14-YB14 | 94.96     |
| F639 | V23S9 | 1-1/8"      | RT14-YB14 | 113.59    |



Solenoid Valves are supplied WITHOUT Coils

### Coil with Terminal Box

| Code | Model     | Voltage       | Part No.       | Net Price |
|------|-----------|---------------|----------------|-----------|
| F641 | EV-240-TB | 240V 50Hz     | RT14 230/50-60 | £ 12.66   |
| F642 | EV-24-TB  | 24V 50Hz      | RT14 24/50-60  | 12.89     |
| F645 | PG9       | Din Connector | 600000R        | 1.81      |



PG9 Din Connector required with Coil

## Danfoss Solenoid Valves

Body Only (Coils Sold Separately)

EVR (NC) is a normally closed, direct or servo operated solenoid valve for liquid, suction and hot gas lines with fluorinated refrigerants.



| Code | Model   | Connections | Part No. | Net Price |
|------|---------|-------------|----------|-----------|
| F600 | EVR3    | 1/4" Flare  | 032F1205 | £ 31.66   |
| F599 | EVR3    | 3/8"        | 032F1203 | 33.80     |
| F604 | EVR6    | 1/2"        | 032F1235 | 43.25     |
| F605 | EVR10   | 5/8"        | 032F1238 | 63.72     |
| Code | Model   | Connections | Part No. | Net Price |
| F606 | EVR3-S  | 1/4" Solder | 032F1206 | £ 31.66   |
| F598 | EVR3-S  | 3/8"        | 032F1204 | 32.77     |
| F608 | EVR6-S  | 1/2"        | 032F1209 | 43.25     |
| F610 | EVR10-S | 5/8"        | 032F1214 | 61.92     |
| F612 | EVR-15S | 7/8"        | 032F1240 | 103.91    |
| F613 | EVR-20S | 1-1/8"      | 032F1244 | 163.55    |



Demanding applications, with IP67, for valve range B, 10W ac / 18W dc, IP67

Clip-on system for fast, easy fitting and removal. Encapsulated coils with long operation life Ambient temperature: Up to +80°C. IP 67 for moist environments with terminal box

| Code | Model                         | Connections | Part No. | Net Price |
|------|-------------------------------|-------------|----------|-----------|
| F621 | Coil 230V AC Terminal Box 10W |             |          | £ 23.86   |
| F618 | Coil 230V AC 1M Cable 10W     |             |          | 23.86     |
| F619 | Coil 24V AC 1M Cable 10W      |             |          | 23.86     |
| F275 | Coil 230V to suit AKV Valve   |             |          | 35.70     |



AKV are electric expansion valves designed for refrigeration plants. The AKV valves are supplied as a component programme, as follows: • Separate valve. • Separate coil with terminal box or cable.



### Danfoss Expansion Valves

Angleway valve body, inlet size 3/8 inch, outlet size 1/2 inch, capillary tube length 1.5 m, max. working pressure 34.0 bar.

#### Internally Equalised

| Code | Model     | Description                    | Net Price |
|------|-----------|--------------------------------|-----------|
| F500 | TX2 R22   | Exp Valve 3/8F X 1/2F 068Z3206 | £ 44.63   |
| F502 | TN2 R134a | Exp Valve 3/8F X 1/2F 068Z3346 | 33.20     |
| F504 | TS2 R404a | Exp Valve 3/8F X 1/2F 068Z3400 | 34.49     |

#### Externally Equalised

| Code | Model      | Description                    | Net Price |
|------|------------|--------------------------------|-----------|
| F516 | TEX2 R22   | Exp Valve 3/8F X 1/2F 063Z3209 | £ 66.68   |
| F518 | TEN2 R134a | Exp Valve 3/8F X 1/2F 063Z3348 | 53.12     |
| F520 | TES2 R404A | Exp Valve 3/8F X 1/2F 068Z3403 | 53.31     |
| F531 | TES2 R404A | Exp Valve 3/8F X 1/2S 068Z3415 | 54.97     |



### Danfoss Orifices

#### Orifice to Suit T\*2 and TE\*2 Valves

| Code | Model            | To Suit Valves | Net Price |
|------|------------------|----------------|-----------|
| F540 | 00 Valve Orifice | T2/TE2 Valve   | £ 12.69   |
| F541 | 01 Valve Orifice | T2/TE2 Valve   | 12.69     |
| F542 | 02 Valve Orifice | T2/TE2 Valve   | 12.69     |
| F543 | 03 Valve Orifice | T2/TE2 Valve   | 12.69     |
| F544 | 04 Valve Orifice | T2/TE2 Valve   | 12.69     |
| F545 | 05 Valve Orifice | T2/TE2 Valve   | 12.69     |
| F546 | 06 Valve Orifice | T2/TE2 Valve   | 12.69     |



### Danfoss Orifices

#### Orifice to Suit Solder Valves Only T\*2 and TE\*2

| Code | Model                | To Suit Valves | Net Price |
|------|----------------------|----------------|-----------|
| F506 | NO:0X Solder Orifice | T2/TE2 Valve   | £ 12.68   |
| F507 | NO:00 Solder Orifice | T2/TE2 Valve   | 12.68     |
| F508 | NO:01 Solder Orifice | T2/TE2 Valve   | 12.68     |
| F509 | NO:02 Solder Orifice | T2/TE2 Valve   | 12.68     |
| F510 | NO:03 Solder Orifice | T2/TE2 Valve   | 12.68     |
| F511 | NO:04 Solder Orifice | T2/TE2 Valve   | 12.68     |
| F512 | NO:05 Solder Orifice | T2/TE2 Valve   | 12.68     |
| F513 | NO:06 Solder Orifice | T2/TE2 Valve   | 12.68     |



Thermostatic expansion valves regulate the injection of refrigerant liquid into evaporators. Injection is controlled by the refrigerant superheat. The range of thermostatic expansion valves cover different valves designed for specific applications. The valves are delivered with connections in flare, solder copper or stainless steel / copper bi-metal connections. Temperature range from -60°C to +50°C. Rated capacity: 0.5 to 1890 kW (R 22).

T\*2 Range – Order valve and orifice separately  
Range N -40°C to +10°C Without MOP

### Pressure Switches

#### RANCO

| Code | Model     | Description                     | Net Price |
|------|-----------|---------------------------------|-----------|
| E060 | 016-H6703 | L/P Switch Auto Reset           | £ 21.27   |
| E061 | 016-H6705 | L/P Switch Manual Reset         | 22.56     |
| E062 | 016-H6750 | H/P Switch Auto Reset           | 22.65     |
| E063 | 016-H6751 | H/P Switch Manual Reset         | 23.96     |
| E064 | 017-H4701 | Dual Press Switch Auto          | 39.63     |
| E065 | 017H4703  | Dual Press Control Manual Reset | 46.45     |
| E067 | 017-H4705 | Dual Press Switch Auto/Man      | 42.23     |



#### DANFOSS

| Code | Model           | Description                    | Net Price |
|------|-----------------|--------------------------------|-----------|
| E800 | KP1 060L110166  | Low Pressure Control           | £ 23.53   |
| E804 | KP5 060L114266  | Pressure Control HP Auto Reset | 23.11     |
| E805 | KP5 060L117366  | Pressure Control Man Reset     | 24.20     |
| E808 | KP15 060-126166 | Pressure Control Auto          | 82.72     |
| E809 | KP15 060-124366 | Pressure Control Auto/Man      | 65.29     |



### Thermostats (Freezers & Cold Rooms)

#### RANCO

| Code | Model     | Description/Temp                   | Net Price |
|------|-----------|------------------------------------|-----------|
| E070 | 016-H6901 | T/Stat (-18'+13')                  | £ 35.46   |
| E071 | 016-H6902 | T/Stat (-5/+25)                    | 32.65     |
| E072 | 016-H6903 | T/Stat (+10/+40)                   | 32.86     |
| E075 | 016-H6922 | T/Stat -18/+13 Capillary           | 26.91     |
| E077 | 016-H6950 | T/Stat -35/-7 Coiled Capillary     | 26.59     |
| E078 | 016-H6951 | T/Stat -18/+13 Coiled Capillary    | 24.70     |
| E079 | 016-H6954 | T/Stat Coiled Capillary -5/25c     | 31.10     |
| E080 | 016-H6980 | T/Stat (-18'+13') X A              | 30.18     |
| E081 | 016-H6981 | X AMB T/Stat (-5'+25') 1.7 TO 12 K | 33.64     |
| E082 | 016-H6983 | T/Stat(+10' to +40') X A           | 31.99     |



### Thermostats (Fridges, Freezers & Bottle Coolers)

#### RANCO

| Code | Model        | Description                  | Net Price |
|------|--------------|------------------------------|-----------|
| E020 | Varifix VC-1 | T/Stat Refrigerator          | £ 7.54    |
| E024 | Varifix VS-5 | T/Stat Freezer M.O.R. Signal | 7.70      |
| E026 | Varifix VB-7 | Bottle Cooler                | 8.40      |
| E028 | Varifix VT-9 | Fridge/Freezer/Larder        | 8.75      |



#### DANFOSS

| Code | Part Number | Description     | Net Price |
|------|-------------|-----------------|-----------|
| E005 | 077B7001    | T/Stat Kit NO.1 | £ 9.54    |
| E006 | 077B7002    | T/Stat Kit NO.2 | 11.94     |
| E007 | 077B7003    | T/Stat Kit NO.3 | 13.35     |
| E008 | 077B7004    | T/Stat Kit NO.4 | 12.50     |
| E009 | 077B7005    | T/Stat Kit NO.5 | 11.49     |
| E010 | 077B7006    | T/Stat Kit NO.6 | 12.57     |
| E011 | 077B7007    | T/Stat Kit NO.7 | 16.05     |
| E012 | 077B7008    | T/Stat Kit NO.8 | 10.92     |



### ACCESSORIES

| Code | Model     | Description         | Net Price |
|------|-----------|---------------------|-----------|
| E141 |           | L Bracket           | £ 2.29    |
| E142 |           | Flat Bracket        | 1.86      |
| E144 | PCP1000SV | Pressure Coupler 1M | 5.68      |



## Fan Motors



### Multi Fit Sleeve Type

| Code | Watts   | Type                            | Net Price |
|------|---------|---------------------------------|-----------|
| K400 | 5 Watt  | Sleeve Type Multi-Fit Fan Motor | £ 9.65    |
| K401 | 7 Watt  | Sleeve Type Multi-Fit Fan Motor | 10.68     |
| K402 | 10 Watt | Sleeve Type Multi-Fit Fan Motor | 10.58     |
| K403 | 16 Watt | Sleeve Type Multi-Fit Fan Motor | 11.42     |
| K404 | 18 Watt | Sleeve Type Multi-Fit Fan Motor | 11.69     |
| K405 | 25 Watt | Sleeve Type Multi-Fit Fan Motor | 15.21     |
| K406 | 34 Watt | Sleeve Type Multi-Fit Fan Motor | 16.40     |



### Ball Bearing Type

Individually boxed complete with fixings. • 1 metre power cord for greater flexibility of installation. • 3 tapped holes for front / rear mounting.

• Adjustable bolt-plate for base / top mounting on brackets.

• 4 corner bolts for ring mounting • CE certified / ROHS compliant. • 12 month warranty.

| Code | Watts   | Type                                  | Net Price |
|------|---------|---------------------------------------|-----------|
| K410 | 5 Watt  | Ball Bearing Type Multi-Fit Fan Motor | £ 10.97   |
| K411 | 10 Watt | Ball Bearing Type Multi-Fit Fan Motor | 11.58     |
| K412 | 16 Watt | Ball Bearing Type Multi-Fit Fan Motor | 12.90     |
| K413 | 16 Watt | Ball Bearing Type Multi-Fit Fan Motor | 12.90     |
| K414 | 18 Watt | Ball Bearing Type Multi-Fit Fan Motor | 14.40     |
| K415 | 25 Watt | Ball Bearing Type Multi-Fit Fan Motor | 16.36     |
| K416 | 34 Watt | Ball Bearing Type Multi-Fit Fan Motor | 18.61     |



### Fan Blades

| Code | Sucker              | Code | Blower              | Net Price |
|------|---------------------|------|---------------------|-----------|
| K440 | 154mm 28' Fan Blade | K453 | 154mm 28' Fan Blade | £ 2.10    |
| K441 | 154mm 34' Fan Blade | K454 | 154mm 34' Fan Blade | 2.10      |
| K442 | 172mm 28' Fan Blade | K455 | 172mm 28' Fan Blade | 2.25      |
| K443 | 172mm 34' Fan Blade | K456 | 172mm 34' Fan Blade | 2.25      |
| K444 | 200mm 28' Fan Blade | K457 | 200mm 28' Fan Blade | 2.42      |
| K445 | 200mm 34' Fan Blade | K458 | 200mm 34' Fan Blade | 2.42      |
| K446 | 230mm 28' Fan Blade | K459 | 230mm 28' Fan Blade | 2.58      |
| K447 | 230mm 34' Fan Blade | K460 | 230mm 34' Fan Blade | 2.58      |
| K448 | 254mm 28' Fan Blade | K461 | 254mm 28' Fan Blade | 3.60      |
| K449 | 254mm 34' Fan Blade | K462 | 254mm 34' Fan Blade | 3.71      |
| K450 | 300mm 28' Fan Blade | K453 | 300mm 28' Fan Blade | 4.67      |
| K451 | 300mm 34' Fan Blade | K464 | 300mm 34' Fan Blade | 4.67      |



### Ring Mounts

| Code | Part No. | Description     | Net price |
|------|----------|-----------------|-----------|
| K470 | FRS-154  | 154mm Fan Mount | £ 4.03    |
| K471 | FRS-172  | 172mm Fan Mount | 4.35      |
| K472 | FRS-200  | 200mm Fan Mount | 4.69      |
| K473 | FRS-230  | 230mm Fan Mount | 4.94      |
| K474 | FRS-254  | 254mm Fan Mount | 5.73      |
| K475 | FRS-300  | 300mm Fan Mount | 6.15      |



## Fan Motors



### Axial Fans

| Code | Model                                              | Net Price |
|------|----------------------------------------------------|-----------|
| K190 | 80 x 80 x 38mm Axial Fan Motor + Lead 40 m3 per hr | £9.65     |
| K191 | 120x120x25mm Axial Fan Motor + Lead 71 m3/hr       | 11.64     |
| K192 | 120x120x38mm Axial Fan Motor + Lead 132 m3/hr      | 11.67     |
| K193 | 92x92x25mm Axial Fan Motor                         | 11.88     |



These axial mini shaded fan motors have a compact structure and small volume. These fans are made out of reinforced plastic so are light weight, low noise and are used on refrigeration equipment, bottle coolers, vending machines and other ventilating and cooling equipment.

### Guard Mounted Fans

| Code | Model                         | Net Price |
|------|-------------------------------|-----------|
| K187 | GMA1-250S-1 Guard Mounted Fan | £ 53.74   |
| K186 | GMA1-300S-1 Guard Mounted Fan | 58.02     |
| K181 | GMA1-300B-1 Guard Mounted Fan | 63.50     |
| K182 | GMA1-350S-1 Guard Mounted Fan | 61.07     |
| K183 | GMA1-330B-1 Guard Mounted Fan | 71.97     |
| K188 | GMA1-400S-1 Guard Mounted Fan | 67.15     |
| K189 | GMA1-450S-1 Guard Mounted Fan | 82.78     |



### Tangential Fans

| Code | Model                             | Net Price |
|------|-----------------------------------|-----------|
|      | <b>Single Outlet</b>              |           |
| K151 | Tangential Fan 60mm x 120mm A.O.D | £ 15.95   |
| K152 | Tangential Fan 60mm x 180mm A.O.D | 16.40     |
| K153 | Tangential Fan 60mm x 240MM A.O.D | 17.43     |
| K154 | Tangential Fan 60mm x 300MM A.O.D | 21.57     |
|      | <b>Double Outlet</b>              |           |
| K157 | Tangential Fan 60mm x180MM A.O.D  | 41.29     |
|      | *A.O.D. = Air off Duct*           |           |



### Fan Motor Plain Shaft 33 Range

33 range of shaded pole and PSC (Permanent split capacitor) motors are manufactured in 2, 4 and 6 pole versions typically ranging from 4W up to 100W, the majority are single speed although some are multi-speed. They are visibly different from 84 range as they have a black round body which is 3.3" in diameter (84mm).

| Code | Model              | CCW        | Code   | CW       | Shaft Dia/Length | Net Price |
|------|--------------------|------------|--------|----------|------------------|-----------|
| K070 | 7W Motor 230V      | 33TS7-1    | K070CW | 33TD7-2  | 1/4" x 6.35mm    | £ 31.83   |
| K071 | 13W Motor 230V     | 33TS13-1   | K071CW | 33TD13-1 | 5/16" x 7.93mm   | 40.39     |
| K072 | 18W Motor 120/240V | 33TS18-5   | K072CW | 33TD18-1 | 5/16" x 7.93mm   | 46.67     |
| K073 | 24W Motor 230V     | 33TS24-1   | K073CW | 33TD24-1 | 5/16" x 7.93mm   | 42.97     |
| K074 | 25W Motor 230V     | 33TS25-1   | K074CW | 33TD25-1 | 5/16" x 7.93mm   | 65.82     |
|      | 35W Motor 120/240V | -          | K075CW | 33TD35-1 | 5/16" x 7.93mm   | 59.05     |
| K076 | 35W Motor 230V     | 33TS35-1   | -      |          | 5/16" x 7.93mm   | 77.37     |
| K077 | 42W Motor 110V     | 33TS42-1   | -      |          | 5/16" x 7.93mm   | 44.80     |
| K078 | 70W Motor 230V     | 33TS7-S058 | -      |          | 5/16" x 7.93mm   | 91.31     |





## L'Unite Hermetique Compressors

### LBP R404A

| Code  | Model    | HP    | Tubed/Valved | Phase | Net Price |
|-------|----------|-------|--------------|-------|-----------|
| I406  | CAE2417Z | 1/2   | T/T          | 1PH   | £ 174.11  |
| I408  | CAJ2428Z | 1/2   | T/T          | 1PH   | 273.47    |
| I408A | CAJ2428Z | 1/2   | V/T          | 1PH   | 246.84    |
| I409  | CAJ2432Z | 5/8   | V/T          | 1PH   | 280.88    |
| I409A | CAJ2432Z | 5/8   | T/T          | 1PH * | 276.93    |
| I410  | CAJ2446Z | 3/4   | T/T          | 1PH * | 284.42    |
| I410A | CAJ2446Z | 3/4   | V/T          | 1PH   | 308.31    |
| I411  | CAJ2464Z | 1-1/2 | T/T          | 1PH * | 290.43    |
| I411A | CAJ2464Z | 1-1/2 | V/T          | 1PH   | 366.05    |
| I412  | FH2480Z  | 2     | T/T          | 1PH   | 409.22    |
| I412A | FH2480Z  | 2     | V/V          | 1PH   | 464.21    |
| I423  | TFH2480Z | 2     | T/T          | 3PH   | 409.22    |
| I423A | TFH2480Z | 2     | V/V          | 3PH   | 464.16    |
| I413  | FH2511Z  | 2.5   | V/V          | 1PH   | 482.70    |
| I413A | FH2511Z  | 2.5   | T/T          | 1PH   | 473.70    |
| I420  | TFH2511Z | 2.5   | T/T          | 3PH   | 421.53    |
| I420A | TFH2511Z | 2.5   | V/V          | 3PH   | 462.47    |



### LBP R404A

| Code  | Model    | HP    | Tubed/Valved | Phase | Net Price |
|-------|----------|-------|--------------|-------|-----------|
| I423  | AEZ4440Z | 1/3   | T/T          | 1PH   | £ 143.77  |
| I426  | CAE9460Z | 1/2   | T/T          | 1PH * | 197.32    |
| I427  | CAE9470Z | 1/2   | T/T          | 1PH * | 209.98    |
| I428  | CAJ9480Z | 5/8   | T/T          | 1PH * | 284.42    |
| I429A | CAJ9510Z | 1     | T/T          | 1PH * | 298.64    |
| I429  | CAJ9510Z | 1     | V/T          | 1PH   | 316.54    |
| I430A | CAJ9513Z | 1.1/8 | T/T          | 1PH * | 309.15    |
| I430  | CAJ9513Z | 1.1/8 | V/T          | 1PH   | 345.47    |
| I431  | CAJ4517Z | 1.1/4 | V/T          | 1PH   | 356.58    |
| I431A | CAJ4517Z | 1.1/4 | T/T          | 1PH * | 320.62    |
| I436A | TAJ4517Z | 1.1/4 | T/T          | 3PH   | 307.53    |
| I432A | CAJ4519Z | 1.1/2 | T/T          | 1PH * | 336.17    |
| I432  | CAJ4519Z | 1.1/2 | V/T          | 1PH   | 361.98    |
| I437  | TAJ4519Z | 1.1/2 | T/T          | 3PH   | 346.97    |
| I438  | FH4524Z  | 2     | V/V          | 1PH   | 448.18    |
| I439  | TFH4524Z | 2     | V/V          | 3PH   | 499.95    |
| I434  | FH4513Z  | 2.1/2 | T/T          | 1PH   | 477.48    |
| I440  | TFH4513Z | 2.1/2 | T/T          | 3PH   | 414.75    |



\* Denotes Loose Electrics

T/T = Suction & Discharge Tubes

V/T = Suction Valve & Discharge Tube

V/V = Suction & Discharge Valves



## L'Unite Hermetique Compressors

### HBP R134A

| Code  | Model      | HP    | Tubed/Valved | Phase | Net Price |
|-------|------------|-------|--------------|-------|-----------|
| I604  | THB4419YFZ | 1/5   | T/T          | 1PH   | £ 105.41  |
| I451  | AEZ4430Y   | 1/4   | T/T          | 1PH   | 119.95    |
| I452  | CAE4440Y   | 1/3   | T/T          | 1PH   | 136.21    |
| I448  | CAE4448Y   | 3/8   | T/T          | 1PH   | 157.05    |
| I457  | CAE4456Y   | 3/8   | T/T          | 1PH   | 160.05    |
| I454  | CAJ4461Y   | 1/2   | T/T          | 1PH   | 242.28    |
| I454A | CAJ4461Y   | 1/2   | V/T          | 1PH   | 308.31    |
| I455  | CAJ4492Y   | 3/4   | T/T          | 1PH   | 299.78    |
| I456A | CAJ4511Y   | 1     | T/T          | 1PH   | 336.77    |
| I456  | CAJ4511Y   | 1     | V/T          | 1PH   | 338.21    |
| I458  | FH4518Y    | 1.1/2 | V/V          | 1PH   | 412.59    |
| I423  | TFH4518Y   | 1.1/2 | V/V          | 3PH   | 403.40    |



Compressors listed above are normally in stock.

For any versions not listed please ring us for a quotation. \* Denotes Loose Electrics

T/T = Suction & Discharge Tubes

V/T = Suction Valve & Discharge Tube

V/V = Suction & Discharge Valves

### Rotalock Valves

| Code  | Description                         | Net Price |
|-------|-------------------------------------|-----------|
| IS452 | 1-1/4" - 12 - 5/8" Rotalock Valve   | £ 35.40   |
| IS454 | 1-1/4" - 12 - 7/8" Rotalock Valve   | 48.27     |
| IS455 | 1-1/4" - 12 - 1-1/8" Rotalock Valve | 55.17     |
| IS459 | 1-1/4" - 12 Rotalock Gasket         | 1.67      |



### Maneurop Compressors

#### LBP R404A (7) -40°C TO -10°C EVAPORATING

| Code | Model   | Approx HP | Disp. c.c. | Phase | Net Price |
|------|---------|-----------|------------|-------|-----------|
| I675 | MTZ-18  | 1-1/2     | 30         | 1PH   | £ 413.25  |
| I676 | MTZ-22  | 1-3/4     | 38         | 1PH   | 481.12    |
| I677 | MTZ-28  | 2         | 48         | 1PH   | 518.02    |
| I678 | MTZ-32  | 2-3/4     | 53         | 1PH   | 560.81    |
| I679 | MTZ-36  | 3         | 60         | 1PH   | 599.95    |
| I681 | MTZ-18  | 1-1/2     | 30         | 3PH   | £413.25   |
| I682 | MTZ-22  | 1-3/4     | 38         | 3PH   | 506.21    |
| I683 | MTZ-28  | 2         | 48         | 3PH   | 544.58    |
| I684 | MTZ-32  | 2-3/4     | 53         | 3PH   | 548.16    |
| I685 | MTZ-36  | 3         | 60         | 3PH   | 600.66    |
| I686 | MTZ-40  | 3-1/2     | 67         | 3PH   | 603.61    |
| I687 | MTZ-50  | 4         | 85         | 3PH   | 767.26    |
| I688 | MTZ-64  | 5         | 107        | 3PH   | 732.87    |
| I689 | MTZ-80  | 6-1/2     | 135        | 3PH   | 1029.77   |
| I690 | MTZ-100 | 8-1/2     | 171        | 3PH   | 1251.68   |
| I691 | MTZ-125 | 10        | 215        | 3PH   | 1600.16   |
| I692 | MTZ-160 | 13        | 271        | 3PH   | 1847.60   |



### Rotalock Valves

|      |                |           |         |
|------|----------------|-----------|---------|
| I722 | 3/8" Discharge | MTZ18-28  | £ 34.86 |
| I723 | 1/2" Suction   | MTZ18-28  | 43.71   |
| I728 | 3/4" Discharge | MTZ44-80  | 53.82   |
| I732 | 1-1/8" Suction | MTZ80-160 | 79.95   |



### Maneurop Oil

|      |                                        |         |
|------|----------------------------------------|---------|
| I719 | 2 Litre Ester Oil to Suit MTE/Z Models | £ 99.95 |
|------|----------------------------------------|---------|



## Cubigel Compressors

### R404A Low Back Pressure (7) -40°C TO -10°C Evaporating



| Code | Model    | HP  | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|----------|-----|------|----------------------|--------|-----------|
| I342 | ML60FB   | 1/6 | 5.5  | 262                  | 894    | £ 99.95   |
| I343 | ML80FB   | 1/4 | 8.1  | 372                  | 1,272  | 105.63    |
| I344 | ML90FB   | 1/3 | 9.8  | 407                  | 1,391  | 110.09    |
| I346 | MP12FB   | 3/8 | 12.0 | 523                  | 1,788  | 117.36    |
| I347 | MP14FB   | 3/8 | 14.0 | 628                  | 2,146  | 122.81    |
| I349 | MX18FB   | 5/8 | 18.0 | 814                  | 2,782  | 197.37    |
| I353 | MS26FB-T | 3/4 | 26.0 | 1,221                | 4,172  | 233.19    |
| I354 | MS26FB-V | 3/4 | 26.0 | 1,221                | 4,172  | 240.78    |
| I355 | MS34FB-V | 1   | 34.0 | 1,628                | 5,563  | 262.95    |
| I356 | MS34FB-T | 1   | 34.0 | 1,628                | 5,563  | 254.68    |

### R404A/R407C High/Med Back Pressure (8) -25°C TO +10°C Evaporating

| Code | Model    | HP      | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|----------|---------|------|----------------------|--------|-----------|
| I360 | ML60TB   | 1/4     | 5.7  | 814                  | 2,782  | £ 92.28   |
| I361 | ML80TB   | 3/8     | 7.6  | 1,105                | 3,775  | 103.85    |
| I362 | ML90TB   | 3/8     | 8.8  | 1,326                | 4,530  | 105.21    |
| I364 | MP12RB   | 1/2     | 12.0 | 1,838                | 6,278  | 144.91    |
| I365 | MP14RB   | 1/2     | 14.0 | 2,093                | 7,142  | 152.64    |
| I366 | MX16TB   | 5/8     | 16.0 | 2,378                | 8,126  | 192.39    |
| I357 | MX18TB   | 3/4     | 18.0 | 2,710                | 9,259  | 194.07    |
| I367 | MS26TB-T | 1       | 26.0 | 4,011                | 13,705 | 221.49    |
| I368 | MS26TB-V | 1       | 26.0 | 4,011                | 13,705 | 231.75    |
| I358 | MS34TB-V | 1-5/8 * | 34.0 | 5,293                | 18,084 | 239.86    |
| I359 | MS34TB-T | 1-5/8 * | 34.0 | 5,293                | 18,084 | 229.59    |

### R134A Low Back Pressure (7) -35°C TO -10°C Evaporating

| Code | Model   | HP  | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|---------|-----|------|----------------------|--------|-----------|
| I322 | GL60AAa | 1/5 | 6.0  | 814                  | 2,782  | £ 94.34   |
| I323 | GL90AAa | 1/4 | 9.1  | 225                  | 768    | 103.38    |
| I321 | GP12FB  | 1/3 | 12.1 | 262                  | 894    | 117.62    |
| I320 | GP14FB  | 3/8 | 14.2 | 314                  | 1071   | 123.42    |
| I319 | GP16FB  | 3/8 | 16.2 | 366                  | 1249   | 149.13    |
| I318 | GX18FB  | 5/8 | 18.0 | 401                  | 1368   | 187.50    |

### R134A High/Med Back Pressure (8) -25°C TO +10°C Evaporating

| Code | Model    | HP  | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|----------|-----|------|----------------------|--------|-----------|
| I324 | GL60PB   | 1/5 | 5.7  | 523                  | 1,784  | £ 87.21   |
| I325 | GL80TB   | 1/5 | 7.6  | 663                  | 2,262  | 98.69     |
| I326 | GL90TB   | 1/4 | 8.9  | 791                  | 2,699  | 102.75    |
| I328 | GP12TB   | 3/8 | 12.1 | 1,070                | 3,651  | 117.45    |
| I329 | GP14TB   | 3/8 | 14.2 | 1,198                | 4,088  | 87.21     |
| I330 | GP16TB   | 3/8 | 16.2 | 1,442                | 4,920  | 125.25    |
| I336 | GX18TB   | 1/2 | 18.4 | 1,663                | 5,674  | 169.95    |
| I340 | GS26TB-T | 3/4 | 25.9 | 2,489                | 8,492  | 216.13    |
| I341 | GS26TB-V | 3/4 | 25.9 | 2,489                | 8,492  | 240.89    |
| I359 | GS34TB-T | 1   | 34.4 | 3,409                | 11,632 | 261.78    |
| I358 | GS34TB-V | 1   | 34.4 | 3,409                | 11,632 | 271.29    |

Capacity at Cond. +55°C

7) Evap. -23°C

8) Evap. +7.2°C

All models 230V 1.50Hz

Models designated -V have suction valve fitted

T models do not, nor do models with no suffix.

\*Note: MS34TB is limited to a lowest evaporating temperature of -15°C.



## Embraco Compressors



### R404A Low Back Pressure (7) -40C to -23.3C Evaporating

| Code | Model          | HP    | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|----------------|-------|------|----------------------|--------|-----------|
| I370 | NEK2134GK      | 1/2   | 8.78 | 464                  | 1,583  | £ 91.30   |
| I371 | NEK2150GK      | 5/8   | 12.1 | 616                  | 2,02   | 104.77    |
| I372 | NEK2168GK      | 3/4   | 14.3 | 704                  | 2,402  | 116.00    |
| I373 | NT2178GK       | 7/8   | 17.4 | 788                  | 2,689  | 146.69    |
| I374 | NT2180GK       | 1     | 20.4 | 934                  | 3,187  | 153.42    |
| I375 | NT2192GK CSR   | 1.1/4 | 22.4 | 1,088                | 3,712  | 162.40    |
| I376 | NJ2192GK-V CSR | 1.1/4 | 22.4 | 1,088                | 3,712  | 191.58    |
| I377 | NJ2212GK CSR   | 1.1/2 | 34.3 | 1,477                | 5,040  | 194.58    |
| I378 | NJ2212GK-V CSR | 1.1/2 | 34.3 | 1,477                | 5,040  | 205.80    |

### R404A High/Med Back Pressure (8) -20C to +10C Evaporating

| Code | Model          | HP    | CC    | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|----------------|-------|-------|----------------------|--------|-----------|
| I379 | NEK6165GK      | 1/4   | 6.2   | 965                  | 3,293  | £ 76.33   |
| I380 | NEK6181GK      | 1/4   | 7.3   | 1,089                | 3,716  | 77.83     |
| I381 | NEK6210GK      | 1/3   | 8.7   | 1,303                | 4,446  | 81.57     |
| I382 | NEK6213GK      | 1/2   | 12.1  | 1,750                | 5,971  | 84.57     |
| I383 | NT6220GK CSR   | 5/8   | 14.5  | 2,119                | 7,230  | 156.41    |
| I384 | NT6222GK CSR   | 7/8   | 17.4  | 2,500                | 8,530  | 160.90    |
| I385 | NT6224GK CSR   | 1     | 20.4  | 3,512                | 11,983 | 169.13    |
| I386 | NT6226GK CSR   | 1     | 22.4  | 3,355                | 11,447 | 186.35    |
| I387 | NJ9226GK-V CSR | 1     | 21.77 | 3,249                | 11,086 | 201.34    |
| I388 | NJ9232GK CSR   | 1.1/4 | 26.2  | 4,021                | 13,720 | 194.58    |
| I389 | NJ9232GK-V CSR | 1.1/4 | 26.2  | 4,021                | 13,720 | 205.80    |
| I390 | NJ9238GK CSR   | 1.1/2 | 32.7  | 4,827                | 16,470 | 196.07    |

### R134A Low Back Pressure (7) -30C to -5C Evaporating

| Code | Model   | HP  | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|---------|-----|------|----------------------|--------|-----------|
| I391 | NE2130Z | 1/3 | 12.1 | 344                  | 1,174  | £ 106.27  |

### R134A High/Med Back Pressure (8) -15C to +10C Evaporating

| Code | Model       | HP  | CC   | Capacity<br>Watts(W) | BTU/HR | Net Price |
|------|-------------|-----|------|----------------------|--------|-----------|
| I392 | EMT6144Z    | 1/5 | 5.2  | 570                  | 1,945  | £ 59.87   |
| I393 | EMT6170Z    | 1/4 | 7.6  | 806                  | 2,750  | 71.10     |
| I394 | NEK6160Z    | 1/4 | 8.4  | 716                  | 2,443  | 70.07     |
| I395 | NEK6170Z    | 1/4 | 8.4  | 837                  | 2,856  | 71.84     |
| I396 | NEK6187Z    | 1/3 | 10.0 | 967                  | 3,299  | 74.21     |
| I397 | NEK6210Z    | 1/3 | 12.1 | 1,140                | 3,890  | 95.04     |
| I398 | NEK6212Z    | 1/2 | 14.3 | 1,292                | 4,408  | 95.79     |
| I399 | NEK6214Z    | 1/2 | 16.8 | 1,486                | 5,070  | 121.99    |
| I400 | NT6215Z     | 5/8 | 17.4 | 1,608                | 5,486  | 139.20    |
| I401 | NT6220Z     | 3/4 | 22.4 | 2,016                | 6,879  | 174.37    |
| I402 | NJ6226Z CSR | 1   | 34.3 | 2,969                | 10,130 | 219.24    |

Unless otherwise indicated, all compressors are CSIR start.

Models ending in -V are fitted with a suction valve, all other models have a suction stub.

Capacity at Cond. +55°C

7) Evap. -23.3°C

8) Evap. +7.2°C

All models 230v, 1.50Hz.

Models ending -V have suction valve fitted.





## Packaged Refrigeration Systems

# RIVACOLD

### Monoblock Through the Wall Medium Temp

| Code  | Model                    | Net Price |
|-------|--------------------------|-----------|
| JC350 | FTM003Z001 M/T Monoblock | £ 879.00  |
| JC351 | FTM007Z001 M/T Monoblock | 971.00    |
| JC352 | FTM009Z001 M/T Monoblock | 998.00    |
| JC353 | FTM012Z001 M/T Monoblock | 1059.00   |
| JC354 | FTM016Z001 M/T Monoblock | 1239.00   |
| JC355 | FTM022Z002 M/T Monoblock | 1375.00   |
| JC356 | FTM028Z002 M/T Monoblock | 1449.00   |
| JC357 | FTM034Z002 M/T Monoblock | 1679.00   |
| JC358 | FTM040Z002 M/T Monoblock | 1798.00   |



### Monoblock Through the Wall Medium Temp

| Code  | Model                    | Net Price |
|-------|--------------------------|-----------|
| JC360 | FTL003Z001 L/T Monoblock | £ 1029.00 |
| JC361 | FTL006Z001 L/T Monoblock | 1120.00   |
| JC362 | FTL009Z001 L/T Monoblock | 1128.00   |
| JC363 | FTL012Z001 L/T Monoblock | 1220.00   |
| JC364 | FTL016Z002 L/T Monoblock | 1485.00   |
| JC366 | FTL020Z002 L/T Monoblock | 1749.00   |
| JC366 | FTL024Z002 L/T Monoblock | 1835.00   |

### Monoblock Ceiling Mounted Medium Temp

| Code  | Model                    | Net Price |
|-------|--------------------------|-----------|
| JC366 | SFM003Z001 M/T Monoblock | £ 1149.00 |
| JC351 | SFM006Z001 M/T Monoblock | 1268.00   |
| JC352 | SFM007Z001 M/T Monoblock | 1298.00   |
| JC353 | SFM009Z001 M/T Monoblock | 1418.00   |
| JC354 | SFM016Z001 M/T Monoblock | 1499.00   |
| JC355 | SFM022Z002 M/T Monoblock | 2139.00   |
| JC356 | SFM034Z002 M/T Monoblock | 2179.00   |
| JC357 | SFM054Z002 M/T Monoblock | 2749.00   |

### Monoblock Ceiling Mounted Low Temp

| Code  | Model                    | Net Price |
|-------|--------------------------|-----------|
| JC374 | SFL003Z001 L/T Monoblock | £ 1265.00 |
| JC351 | SFL006Z001 L/T Monoblock | 1368.00   |
| JC352 | SFL008Z001 L/T Monoblock | 1529.00   |
| JC353 | SFL009Z001 L/T Monoblock | 1549.00   |
| JC354 | SFL016Z001 L/T Monoblock | 2298.00   |
| JC355 | SFL020Z002 L/T Monoblock | 2478.00   |
| JC356 | SFL024Z002 L/T Monoblock | 2789.00   |
| JC357 | SFL034Z002 L/T Monoblock | 2998.00   |



The full range of Rivacold products are available upon request  
Climate Controls and Spares are authorised Rivacold distributors

## Evaporators

# RIVACOLD

### RS Small Panel Cooler 109 to 2,640w

| Code | Part Number | Model        | Type               | Net Price |
|------|-------------|--------------|--------------------|-----------|
| S100 | 2100100     | RS1040CB     | Small Panel Cooler | £ 74.70   |
| S101 | 2100101     | RS1060CB     | Small Panel Cooler | 80.04     |
| S102 | 2100102     | RS2100CB     | Small Panel Cooler | 113.39    |
| S103 | 2100103     | RS2130CB     | Small Panel Cooler | 121.39    |
| S104 | 2100104     | RS3180CB     | Small Panel Cooler | 181.42    |
| S105 | 2100105     | RS3290CB     | Small Panel Cooler | 200.10    |
| S106 | 2100107     | RS1040-BCB   | Small Panel Cooler | 88.04     |
| S107 | 2100108     | RS1060-BCB   | Small Panel Cooler | 94.71     |
| S108 | 2100109     | RS2100-BCB   | Small Panel Cooler | 128.06    |
| S109 | 2100110     | RS2130-BCB   | Small Panel Cooler | 142.74    |
| S110 | 2100111     | RS3180-BCB   | Small Panel Cooler | 190.76    |
| S111 | 2100112     | RS3290-BCB   | Small Panel Cooler | 208.10    |
| S112 | 2100113     | RS4380-BCB   | Small Panel Cooler | 252.13    |
| S113 | 2100114     | RS1040-BED   | Small Panel Cooler | 118.73    |
| S114 | 2100115     | RS1060-BEDCB | Small Panel Cooler | 124.06    |
| S115 | 2100117     | RS2130-BEDCB | Small Panel Cooler | 172.09    |
| S116 | 2100118     | RS3180-BEDCB | Small Panel Cooler | 240.12    |
| S117 | 2100119     | RS3290B-EDCB | Small Panel Cooler | 257.46    |
| S118 | 2100120     | RS4380B-EDCB | Small Panel Cooler | 310.82    |

### RSI Large Panel Cooler 440 to 11,600w

| Code | Part Number | Model        | Type               | Net Price |
|------|-------------|--------------|--------------------|-----------|
| S120 | 2100200     | RSI1250CB    | Large Panel Cooler | £ 206.77  |
| S121 | 2100201     | RSI2250CB    | Large Panel Cooler | 282.81    |
| S122 | 2100202     | RSI3250CB    | Large Panel Cooler | 413.54    |
| S123 | 2100203     | RSI4250CB    | Large Panel Cooler | 529.60    |
| S124 | 2100204     | RSI23503CB   | Large Panel Cooler | 586.96    |
| S125 | 2100205     | RSI33503CB   | Large Panel Cooler | 812.41    |
| S126 | 2100206     | RSI43503CB   | Large Panel Cooler | 1049.86   |
| S127 | 2100207     | RSI23507CB   | Large Panel Cooler | 526.93    |
| S128 | 2100208     | RSI33507CB   | Large Panel Cooler | 733.70    |
| S129 | 2100209     | RSI43507CB   | Large Panel Cooler | 961.81    |
| S130 | 2100210     | RSI1250EDCB  | Large Panel Cooler | 274.80    |
| S131 | 2100211     | RSI2250EDCB  | Large Panel Cooler | 364.18    |
| S132 | 2100212     | RSI3250EDCB  | Large Panel Cooler | 468.23    |
| S133 | 2100213     | RSI4250EDCB  | Large Panel Cooler | 585.63    |
| S134 | 2100214     | RSI23503EDCB | Large Panel Cooler | 668.33    |
| S135 | 2100215     | RSI33503EDCB | Large Panel Cooler | 905.79    |
| S136 | 2100216     | RSI43503EDCB | Large Panel Cooler | 1151.24   |
| S137 | 2100217     | RSI23507EDCB | Large Panel Cooler | 656.33    |
| S138 | 2100218     | RSI33507EDCB | Large Panel Cooler | 885.78    |
| S139 | 2100219     | RSI43507EDCB | Large Panel Cooler | 1127.23   |

Evaporators



RC Compact Cubic Cooler 602 to 8,120w

| Code | Part Number | Model         | Type                 | Net Price |
|------|-------------|---------------|----------------------|-----------|
| S140 | 2100300     | RC125-16CB    | Compact Cubic Cooler | £ 241.45  |
| S141 | 2100301     | RC225-25CB    | Compact Cubic Cooler | 302.82    |
| S142 | 2100302     | RC225-30CB    | Compact Cubic Cooler | 338.84    |
| S143 | 2100303     | RC325-33CB    | Compact Cubic Cooler | 425.55    |
| S144 | 2100304     | RC325-45CB    | Compact Cubic Cooler | 466.90    |
| S145 | 2100305     | RC425-61CB    | Compact Cubic Cooler | 684.34    |
| S146 | 2100306     | RC125-16ED CB | Compact Cubic Cooler | 325.50    |
| S147 | 2100307     | RC225-25ED CB | Compact Cubic Cooler | 397.53    |
| S148 | 2100308     | RC225-30ED CB | Compact Cubic Cooler | 433.55    |
| S149 | 2100309     | RC325-33ED CB | Compact Cubic Cooler | 494.91    |
| S150 | 2100310     | RC325-45ED CB | Compact Cubic Cooler | 534.93    |
| S151 | 2100311     | RC425-61ED CB | Compact Cubic Cooler | 757.71    |

RCS Slimline Cubic Cooler 602 to 8,120w

| Code | Part Number | Model           | Type                  | Net Price |
|------|-------------|-----------------|-----------------------|-----------|
| S155 | 2100724     | RCS1250404ED CB | Slimline Cubic Cooler | £ 254.79  |
| S156 | 2100732     | RCS1250406ED CB | Slimline Cubic Cooler | 310.82    |
| S157 | 2100716     | RCS1250408 CB   | Slimline Cubic Cooler | 248.12    |
| S158 | 2100740     | RCS1250408ED CB | Slimline Cubic Cooler | 308.15    |
| S159 | 2100701     | RCS1250604 CB   | Slimline Cubic Cooler | 280.14    |
| S160 | 2100725     | RCS1250604ED CB | Slimline Cubic Cooler | 356.18    |
| S161 | 2100709     | RCS1250606 CB   | Slimline Cubic Cooler | 273.47    |
| S162 | 2100733     | RCS1250606ED CB | Slimline Cubic Cooler | 348.17    |
| S163 | 2100717     | RCS1250608 CB   | Slimline Cubic Cooler | 268.13    |
| S164 | 2100741     | RCS1250608ED CB | Slimline Cubic Cooler | 329.50    |
| S165 | 2100702     | RCS2250404 CB   | Slimline Cubic Cooler | 385.53    |
| S166 | 2100726     | RCS2250404ED CB | Slimline Cubic Cooler | 450.89    |
| S167 | 2100710     | RCS2250406 CB   | Slimline Cubic Cooler | 374.85    |
| S168 | 2100734     | RCS2250406ED CB | Slimline Cubic Cooler | 441.55    |
| S169 | 2100718     | RCS2250408 CB   | Slimline Cubic Cooler | 352.18    |
| S170 | 2100742     | RCS2250408ED CB | Slimline Cubic Cooler | 420.21    |
| S171 | 2100703     | RCS2250604 CB   | Slimline Cubic Cooler | 409.54    |
| S172 | 2100727     | RCS2250604ED CB | Slimline Cubic Cooler | 493.58    |
| S173 | 2100711     | RCS2250606 CB   | Slimline Cubic Cooler | 393.53    |
| S174 | 2100735     | RCS2250606ED CB | Slimline Cubic Cooler | 477.57    |
| S175 | 2100719     | RCS2250608 CB   | Slimline Cubic Cooler | 385.53    |
| S176 | 2100743     | RCS2250608ED CB | Slimline Cubic Cooler | 452.23    |
| S177 | 2100704     | RCS3250404 CB   | Slimline Cubic Cooler | 533.60    |
| S178 | 2100728     | RCS3250404ED CB | Slimline Cubic Cooler | 614.97    |
| S179 | 2100712     | RCS3250406 CB   | Slimline Cubic Cooler | 518.93    |
| S180 | 2100736     | RCS3250406ED CB | Slimline Cubic Cooler | 598.97    |
| S181 | 2100744     | RCS3250408ED CB | Slimline Cubic Cooler | 588.29    |
| S182 | 2100705     | RCS3250604 CB   | Slimline Cubic Cooler | 597.63    |
| S183 | 2100729     | RCS3250604ED CB | Slimline Cubic Cooler | 677.67    |

Evaporators



RCS Slimline Cubic Cooler 602 to 8,120w

| Code | Part Number | Model           | Type                  | Net Price |
|------|-------------|-----------------|-----------------------|-----------|
| S184 | 2100713     | RCS3250606 CB   | Slimline Cubic Cooler | £573.62   |
| S185 | 2100721     | RCS3250606 CB   | Slimline Cubic Cooler | 556.28    |
| S186 | 2100745     | RCS3250608ED CB | Slimline Cubic Cooler | 642.99    |
| S187 | 2100706     | RCS4250404 CB   | Slimline Cubic Cooler | 696.35    |
| S188 | 2100714     | RCS4250406 CB   | Slimline Cubic Cooler | 676.34    |
| S189 | 2100738     | RCS4250406ED CB | Slimline Cubic Cooler | 777.72    |
| S190 | 2100722     | RCS4250408 CB   | Slimline Cubic Cooler | 664.33    |
| S191 | 2100746     | RCS4250408ED CB | Slimline Cubic Cooler | 776.39    |
| S192 | 2100707     | RCS4250604 CB   | Slimline Cubic Cooler | 771.05    |
| S193 | 2100715     | RCS4250606 CB   | Slimline Cubic Cooler | 747.04    |
| S194 | 2100739     | RCS4250606ED CB | Slimline Cubic Cooler | 841.75    |
| S195 | 2100723     | RCS4250608 CB   | Slimline Cubic Cooler | 729.70    |
| S196 | 2100747     | RCS4250608ED CB | Slimline Cubic Cooler | 841.75    |

RCMR Standard Cubic Cooler 1,420 to 22,400w

|      |     |                    |                       |          |
|------|-----|--------------------|-----------------------|----------|
| S200 | N/A | RCMR 2350404 CB    | Standard Cubic Cooler | £ 633.65 |
| S201 | N/A | RCMR 2350804 CB    | Standard Cubic Cooler | 828.41   |
| S202 | N/A | RCMR 3350604 CB    | Standard Cubic Cooler | 1049.86  |
| S203 | N/A | RCMR 4350604 CB    | Standard Cubic Cooler | 1319.99  |
| S204 | N/A | RCMR 1350606 CB    | Standard Cubic Cooler | 509.59   |
| S205 | N/A | RCMR 2350406 CB    | Standard Cubic Cooler | 632.32   |
| S206 | N/A | RCMR 2350806 CB    | Standard Cubic Cooler | 803.07   |
| S207 | N/A | RCMR 3350606 CB    | Standard Cubic Cooler | 1029.85  |
| S208 | N/A | RCMR 4350606 CB    | Standard Cubic Cooler | 1260.63  |
| S209 | N/A | RCMR 1350608 CB    | Standard Cubic Cooler | 509.59   |
| S210 | N/A | RCMR 2350408 CB    | Standard Cubic Cooler | 638.99   |
| S211 | N/A | RCMR 2350808 CB    | Standard Cubic Cooler | 800.40   |
| S212 | N/A | RCMR 3350608 CB    | Standard Cubic Cooler | 1024.51  |
| S213 | N/A | RCMR 4350608 CB    | Standard Cubic Cooler | 1263.30  |
| S214 | N/A | RCMR 1350604 ED CB | Standard Cubic Cooler | 598.97   |
| S215 | N/A | RCMR 2350404 ED CB | Standard Cubic Cooler | 719.03   |
| S216 | N/A | RCMR 2350804 ED CB | Standard Cubic Cooler | 919.13   |
| S217 | N/A | RCMR 3350604 ED CB | Standard Cubic Cooler | 1144.57  |
| S218 | N/A | RCMR 4350604 ED CB | Standard Cubic Cooler | 1454.06  |
| S219 | N/A | RCMR 1350606 ED CB | Standard Cubic Cooler | 574.95   |
| S220 | N/A | RCMR 2350406 ED CB | Standard Cubic Cooler | 700.35   |
| S221 | N/A | RCMR 2350806 ED CB | Standard Cubic Cooler | 883.11   |
| S222 | N/A | RCMR 3350606 ED CB | Standard Cubic Cooler | 1112.56  |





Evaporators



RCMR Standard Cubic Cooler 1,420 to 22,400w (Con't)

| Code | Part Number | Model              | Type                  | Net Price |
|------|-------------|--------------------|-----------------------|-----------|
| S223 | N/A         | RCMR 1350608 EDCB  | Standard Cubic Cooler | £ 564.28  |
| S224 | N/A         | RCMR 2350408 EDCB  | Standard Cubic Cooler | 695.01    |
| S225 | N/A         | RCMR 2350808 EDCB  | Standard Cubic Cooler | 875.10    |
| S226 | N/A         | RCMR 3350608 EDCB  | Standard Cubic Cooler | 1105.89   |
| S227 | N/A         | RCMR 4350608 ED CB | Standard Cubic Cooler | 1366.02   |
| S205 | N/A         | RCMR 2350406 CB    | Standard Cubic Cooler | 632.32    |
| S206 | N/A         | RCMR 2350806 CB    | Standard Cubic Cooler | 803.07    |
| S207 | N/A         | RCMR 3350606 CB    | Standard Cubic Cooler | 1029.85   |
| S208 | N/A         | RCMR 4350606 CB    | Standard Cubic Cooler | 1260.63   |
| S209 | N/A         | RCMR 1350608 CB    | Standard Cubic Cooler | 509.59    |
| S210 | N/A         | RCMR 2350408 CB    | Standard Cubic Cooler | 638.99    |
| S211 | N/A         | RCMR 2350808 CB    | Standard Cubic Cooler | 800.40    |
| S212 | N/A         | RCMR 3350608 CB    | Standard Cubic Cooler | 1024.51   |
| S213 | N/A         | RCMR 4350608 CB    | Standard Cubic Cooler | 1263.30   |
| S214 | N/A         | RCMR 1350604 EDCB  | Standard Cubic Cooler | 598.97    |
| S215 | N/A         | RCMR 2350404 EDCB  | Standard Cubic Cooler | 719.03    |
| S216 | N/A         | RCMR 2350804 EDCB  | Standard Cubic Cooler | 919.13    |
| S217 | N/A         | RCMR 3350604 EDCB  | Standard Cubic Cooler | 1144.57   |
| S218 | N/A         | RCMR 4350604 EDCB  | Standard Cubic Cooler | 1454.06   |
| S219 | N/A         | RCMR 1350606 EDCB  | Standard Cubic Cooler | 574.95    |
| S220 | N/A         | RCMR 2350406 EDCB  | Standard Cubic Cooler | 700.35    |
| S221 | N/A         | RCMR 2350806 EDCB  | Standard Cubic Cooler | 883.11    |
| S222 | N/A         | RCMR 3350606 EDCB  | Standard Cubic Cooler | 1112.56   |

RCB Cubic Cooler 2,950 to 59,800w

|      |         |                |                   |           |
|------|---------|----------------|-------------------|-----------|
| S230 | 2100500 | RCB1500606 CB  | IND. Cubic Cooler | £ 1316.66 |
| S231 | 2100501 | RCB2500606CB   | IND. Cubic Cooler | 2030.35   |
| S232 | 2100502 | RCB3500606CB   | IND. Cubic Cooler | 2914.79   |
| S233 | 2100503 | RCB4500606CB   | IND. Cubic Cooler | 3900.62   |
| S234 | 2100504 | RCB1500806CB   | IND. Cubic Cooler | 1428.71   |
| S235 | 2100505 | RCB2500806CB   | IND. Cubic Cooler | 2213.11   |
| S236 | 2100506 | RCB3500806CB   | IND. Cubic Cooler | 3193.60   |
| S237 | 2100507 | RCB4500806CB   | IND. Cubic Cooler | 4288.81   |
| S238 | 2100508 | RCB1500610CB   | IND. Cubic Cooler | 1289.98   |
| S239 | 2100509 | RCB2500610CB   | IND. Cubic Cooler | 1974.32   |
| S240 | 2100510 | RCB3500610CB   | IND. Cubic Cooler | 2832.08   |
| S241 | 2100511 | RCB4500610CB   | IND. Cubic Cooler | 3792.56   |
| S242 | 2100512 | RCB1500810CB   | IND. Cubic Cooler | 1395.36   |
| S243 | 2100513 | RCB2500810CB   | IND. Cubic Cooler | 2141.07   |
| S244 | 2100514 | RCB3500810CB   | IND. Cubic Cooler | 3085.54   |
| S245 | 2100515 | RCB4500810CB   | IND. Cubic Cooler | 4144.74   |
| S246 | 2100516 | RCB1500606EDCB | IND. Cubic Cooler | 1475.40   |
| S247 | 2100517 | RCB2500606EDCB | IND. Cubic Cooler | 2282.47   |
| S250 | 2100518 | RCB3500606EDCB | IND. Cubic Cooler | 3253.63   |

JE Hall Fusion Condensing Units



Medium Temperature Reciprocating

| Code  | Model                | Duty -5/32 | ECA | Series/Version | Net Price |
|-------|----------------------|------------|-----|----------------|-----------|
| J220  | JEHR-0050-B1-M-1 NEW | 1.12       |     | 1-V3           | £ 540.02  |
| J221  | JEHR-0067-B1-M-1 NEW | 1.50       |     | 1-V3           | 583.42    |
| J222  | JEHR-0100-B1-M-1 NEW | 1.76       |     | 1-V3           | 615.04    |
| J223  | JEHR-0113-B1-M-1 NEW | 2.14       |     | 1-V3           | 686.34    |
| J224  | JEHR-0140-B2-M-1 NEW | 2.76       |     | 2/V3           | 824.60    |
| J225  | JEHR-0140-B2-M-3 NEW | 2.76       |     | 2/V3           | 824.60    |
| J226  | JEHR-0150-B2-M-1 NEW | 2.96       |     | 2/V3           | 902.72    |
| J227  | JEHR-0150-B2-M-3 NEW | 2.96       |     | 2/V3           | 902.72    |
| JC018 | JEH2-0400-M3         | 8.10       |     | 3/V2           | 1329.90   |
| JC019 | JEH2-0500-M3         | 9.80       |     | 4/V2           | 1366.95   |
| JC022 | JEH2-0825-M3         | 13.37      |     | 4/V2           | 2273.70   |
| JC023 | JEH2-1000-M3         | 15.95      |     | 4/V2           | 2543.45   |

Medium Temperature Scroll

| Code  | Model                | Duty -5/32 | ECA | Series/Version | Net Price |
|-------|----------------------|------------|-----|----------------|-----------|
| J228  | JEHS-0200-B2-M-1 NEW | 4.19       | ECA |                | £ 1024.24 |
| J229  | JEHS-0200-B2-M-3 NEW | 4.19       | ECA | 2/V3           | 1024.24   |
| J230  | JEHS-0250-B2-M-1 NEW | 5.02       | ECA | 2/V3           | 1059.58   |
| J231  | JEHS-0250-B2-M-3 NEW | 5.02       | ECA | 2/V3           | 1059.58   |
| J232  | JEHS-0300-B2-M-1 NEW | 5.80       | ECA | 2/V3           | 1104.84   |
| J233  | JEHS-0300-B2-M-3 NEW | 5.80       | ECA | 2/V3           | 1104.84   |
| J234  | JEHS-0350-B2-M-1     | 6.44       |     | 2/V3           | 1216.44   |
| J235  | JEHS-0350-B2-M-3     | 6.44       |     | 2/V3           | 1216.14   |
| JC106 | JEHS-0350-M1         | 7.10       | ECA | 3/V2           | 1422.20   |
| JC107 | JEHS-0350-M3         | 7.10       | ECA | 3/V2           | 1372.80   |
| JC108 | JEHS-0400-M1         | 8.04       | ECA | 3/V2           | 1496.95   |
| JC109 | JEHS-0400-M3         | 8.04       | ECA | 3/V2           | 1465.75   |
| JC110 | JEHS-0500-M3         | 9.65       | ECA | 3/V2           | 1508.65   |
| JC111 | JEHS-0600-M3         | 10.90      | ECA | 3/V2           | 1566.50   |
| JC112 | JEHS-0680-M3         | 11.65      | ECA | 3/V2           | 1626.95   |
| JC113 | JEHS-0800-M3         | 14.35      | ECA | 4/V2           | 2754.70   |
| JC114 | JEHS-1000-M3         | 16.55      |     | 4/V2           | 2986.75   |

Low Temperature Reciprocating

| Code  | Model         | Duty -5/32 | Series/Version | Net Price |
|-------|---------------|------------|----------------|-----------|
| JC050 | JEH2-0075-L-1 | 0.56       | 1/V2           | £ 604.96  |
| JC051 | JEH2-0175-L-1 | 1.28       | 1/V2           | 1034.40   |
| JC053 | JEH2-0225-L-1 | 2.04       | 1/V2           | 1077.00   |
| JC054 | JEH2-0225-L-3 | 2.04       | 1/V2           | 1077.00   |
| JC055 | JEH2-0350-L-3 | 2.57       | 3/V2           | 1165.80   |
| JC056 | JEH2-0400-L-3 | 3.76       | 3/V2           | 1322.40   |
| JC057 | JEH2-0725-L-3 | 5.55       | 4/V2           | 2337.60   |
| JC058 | JEH2-0825-L-3 | 7.51       | 4/V2           | 2408.40   |

Low Temperature Scroll

| Code  | Model         | Duty -5/32 | Series/Version | Net Price |
|-------|---------------|------------|----------------|-----------|
| JC150 | JEHS-0200-L-3 | 1.56       | 2/V2           | £ 1501.80 |
| JC151 | JEHS-0300-L-3 | 2.04       | 2/V2           | 1618.20   |
| JC152 | JEHS-0400-L-3 | 3.10       | 3/V2           | 1846.20   |
| JC153 | JEHS-0500-L-3 | 3.75       | 3/V2           | 1903.80   |
| JC154 | JEHS-0600-L-3 | 4.40       | 3/V2           | 2093.40   |
| JC155 | JEHS-0750-L-3 | 5.35       | 4/V2           | 3089.40   |
| JC156 | JEHS-1000-L-3 | 7.20       | 4/V2           | 3275.40   |

ECA. End users are eligible for 100% tax deductible benefits.  
Ask for further details.

\* R404A, Suction gas superheat 10K, Sub-cooling 0K  
All models are Eco Design compliant



## Scroll Condensing Units

## Medium Temp Copeland

| Code  | Model 1 Phase    | Approx HP | Type        | Net Price |
|-------|------------------|-----------|-------------|-----------|
| JC300 | NF200DGM 1 Phase | 2         | Scroll Type | £ 904.50  |
| JC302 | NF250DGM 1 Phase | 2.5       |             | 920.35    |
| JC304 | NF300DGM 1 Phase | 3         |             | 954.48    |
| JC306 | NF350DGM 1 Phase | 3.5       |             | 1011.77   |
|       | <b>3 Phase</b>   |           |             |           |
| JC301 | NF200SGM 3 Phase | 2         | Scroll Type | £ 920.35  |
| I682  | NF250SGM 3 Phase | 2.5       |             | 947.16    |
| I683  | NF300SGM 3 Phase | 3         |             | 981.30    |
| I684  | NF350SGM 3 Phase | 3.5       |             | 1037.37   |
| I685  | NF400SGM 3 Phase | 4         |             | 1045.90   |
| I686  | NF500SGM 3 Phase | 5         |             | 1260.45   |
| I687  | NF600SGM 3 Phase | 6         |             | 1362.84   |



## Scroll Condensing Units

## Low Temp Copeland

| Code  | Model               | Approx HP | Type        | Net Price |
|-------|---------------------|-----------|-------------|-----------|
| JC330 | NF300SGL ZF 3 Phase | 3         | Scroll Type | £ 1902.86 |
| JC331 | NF400SGL ZF 3 Phase | 4         |             | 2016.23   |
| JC332 | NF500SGL ZF 3 Phase | 5         |             | 2124.72   |
| JC333 | NF600SGL ZF 3 Phase | 6         |             | 2166.16   |

## Rotary Condensing Units

## Multi Temp

| Code   | Model           | Approx HP | Type        | Net Price |
|--------|-----------------|-----------|-------------|-----------|
| JC315  | NFR075DL 1Phase | 0.75      | Rotary Type | £ 520.51  |
| JC316  | NFR100DL 1Phase | 1         |             | 535.14    |
| JC317  | NFR150DL 1Phase | 1.5       |             | 568.05    |
| JC318  | NFR200DL 1Phase | 2         |             | 615.60    |
| JC319  | NFR250DL 1Phase | 2.5       |             | 660.70    |
| JC3190 | NFR300DL 1Phase | 3         |             | 808.20    |

## Piston Condensing Units

## Medium Temp

| Code   | Model                     | Approx HP | Type        | Net Price |
|--------|---------------------------|-----------|-------------|-----------|
|        | <b>L'Unite Compressor</b> |           | Piston Type |           |
| JC320  | NFP075DGM 1 Phase         | 0.75      |             | £ 602.19  |
| JC321  | NFP100DGM 1 Phase         | 1         |             | 648.51    |
| JC322  | NFP150DGM 1 Phase         | 1.5       |             | 668.02    |
|        | <b>Kirby Compressor</b>   |           |             |           |
| JC3220 | NFK075DGM 1 Phase         | 0.75      |             | £ 547.33  |
| JC3221 | NFK100DGM 1 Phase         | 1         |             | 550.98    |
| JC3222 | NFK150DGM 1 Phase         | 1.5       |             | 614.38    |
| JC3223 | NFK200DGM 1 Phase         | 2         |             | 777.72    |
| JC3224 | NFK250DGM 1 Phase         | 2.5       |             | 832.58    |
| JC3225 | NFK300DGM 1 Phase         | 3         |             | 838.67    |

## Piston Condensing Units

## Low Temp

| Code   | Model                     | Approx HP | Type        | Net Price |
|--------|---------------------------|-----------|-------------|-----------|
|        | <b>L'Unite Compressor</b> |           | Piston Type |           |
| JC323  | NFP075DGL 1 Phase         | 0.75      |             | £ 661.92  |
| JC324  | NFP100DGL 1 Phase         | 1         |             | 668.02    |
| JC325  | NFP150DGL 1 Phase         | 1.5       |             | 710.68    |
| JC327  | FSP/0170-ME-HZ 1 Phase    | 2         |             | 1153.17   |
| JC328  | FSP/0270-ME-HZ 1 Phase    | 2         |             | 1212.91   |
| JC3280 | FSP/0270-TE-HZ 3 Phase    | 2         |             |           |
| JC329  | FSP/0360-TE-HZ 3 Phase    | 3         |             | 1368.94   |
| JC3290 | FSP/0475-TE-HZ 3 Phase    | 4         |             | 1556.66   |
|        | <b>Kirby Compressor</b>   |           |             |           |
| JC326  | NFK075DGL 1 Phase         | 0.75      |             | £ 550.98  |
| JC3260 | NFK100DGL 1 Phase         | 1         |             | 616.81    |
| JC3261 | NFK150DGL 1 Phase         | 1.5       |             | 643.63    |
| JC3262 | NFK200DGL 1 Phase         | 2         |             | 869.15    |

## Box Evaporator (Medium Temp) Fitted With Heaters &amp; Expansion Valve

| Code  | Model       | Capacity (W) | Cold Room Temp.0°C/7KD | Net Price |
|-------|-------------|--------------|------------------------|-----------|
| S010  | LFJ5.6/1.5M | 1500         |                        | £ 330.50  |
| S011  | LFJ7.5/2.0M | 2000         |                        | 340.10    |
| S0110 | LFJ8.2/2.4M | 2400         |                        | 344.98    |
| S012  | LFJ11/2.8M  | 2800         |                        | 352.29    |
| S013  | LFJ12/3.2M  | 3200         |                        | 425.43    |
| S014  | LFJ14/3.6M  | 3600         |                        | 438.84    |
| S015  | LFJ18/4.6M  | 4600         |                        | 485.16    |
| S016  | LFJ20/5.4M  | 5400         |                        | 643.63    |
| S017  | LFJ26/6.8M  | 6800         |                        | 678.98    |
| S018  | LFJ28/7.8M  | 7800         |                        | 787.47    |
| S019  | LFJ35/9.0M  | 9000         |                        | 791.13    |



## Box Evaporator (Low Temp) Fitted With Heaters &amp; Expansion Valve

| Code | Model       | Capacity (W) | Cold Room 18.0°C/7KD | Net Price |
|------|-------------|--------------|----------------------|-----------|
| S050 | LFJ3.5/1.0L | 1000         |                      | £ 298.66  |
| S051 | LFJ5.0/1.3L | 1300         |                      | 318.16    |
| S052 | LFJ7.0/1.8L | 1800         |                      | 371.80    |
| S053 | LFJ9.0/2.4L | 2400         |                      | 422.99    |
| S054 | LFJ12/3.2L  | 3200         |                      | 437.62    |
| S055 | LFJ14/3.8L  | 3800         |                      | 552.21    |
| S056 | LFJ17/4.4L  | 4400         |                      | 594.87    |
| S057 | LFJ19/5.0L  | 5000         |                      | 714.33    |
| S058 | LFJ23/5.9L  | 5900         |                      | 770.41    |

## Panel Evaporator (Medium Temp) Fitted With Heaters &amp; Expansion Valve

| Code | Model         | Capacity (W) | EVAP. TEMP. -6oC/7KTD | Net Price |
|------|---------------|--------------|-----------------------|-----------|
| S059 | LFJX6.3/1.25M | 1025         |                       | £ 309.63  |
| S060 | LFJX7.6/1.5M  | 1500         |                       | 324.25    |
| S061 | LFJX9.7/1.9M  | 1900         |                       | 352.29    |
| S062 | LFJX12/2.3M   | 2300         |                       | 371.80    |
| S063 | LFJX16/3.0M   | 3000         |                       | 446.15    |

## Panel Evaporator (Low Temp) Fitted With Heaters &amp; Expansion Valve

| Code | Model         | Capacity (W) | Net Price |
|------|---------------|--------------|-----------|
| S064 | LFJX4.8/0.95L | 950          | £ 303.53  |
| S065 | LFJX6.1/1.2L  | 1200         | 342.54    |
| S066 | LFJX7.3/1.5L  | 1500         | 359.61    |
| S067 | LFJX9.8/2.0L  | 2000         | 429.09    |



## Eliwell Control Panel

Complete management of static or ventilated cold rooms  
The Coldface EWRC 300/500LX series manages the temperature control of a static or ventilated cold room

|      |                              |          |
|------|------------------------------|----------|
| L254 | Eliwell Coldface EWRC 500 NT | £ 112.15 |
| L252 | Pego Expert ECP200 Expert    | 117.65   |

Eliwell versions with 3 and 5 configurable relays (e.g. lights, alarms, condensation fans), 4 low-voltage digital inputs configurable for door microswitches or other devices. Models are available with real-time defrost clock, HACCP function with annual calendar and connectivity with Televis and Modbus systems via optional plug-in module. The box allows the installation of power contactors or magneto-thermal switches on a DIN rail. PTC and NTC sensor management, with the consequent elimination of costs deriving from the replacement of probes in the field.





Quick Selection Chart for Complete Packaged System  
Chiller Room (-2°C ~ +2°C)



| Approx. Room Volume (m3)                                                     | Controller Model 2 x 6m Probe | Condensing Unit Model | Cooler Model (incl Control Panel) | Approx. Room Volume (m3) | Net Price |
|------------------------------------------------------------------------------|-------------------------------|-----------------------|-----------------------------------|--------------------------|-----------|
| Rotary Condensing Unit + Box Evaporator + Control Panel - Max. Length 12mtrs |                               |                       |                                   |                          |           |
| JC500                                                                        | Eliwell Coldface              | NFR075DL              | LFJ7.5/2.0M                       | 14                       | £ 958.00  |
| JC502                                                                        | Eliwell Coldface              | NFR100DL              | LFJ7.5/2.0M                       | 20                       | 975.00    |
| JC504                                                                        | Eliwell Coldface              | NFR150DL              | LFJ11/2.8M                        | 23                       | 1019.00   |
| JC506                                                                        | Eliwell Coldface              | NFR200DL              | LFJ14/3.6M                        | 30                       | 1152.00   |
| JC507                                                                        | Eliwell Coldface              | NFR250DL              | LFJ18/4.6M                        | 42                       | 1244.00   |
| JC508                                                                        | Eliwell Coldface              | NFR300DL              | LFJ20/5.4M                        | 57                       | 1549.00   |

Rotary Condensing Unit + Panel Evaporator + Control Panel - Max. Length 12mtrs

|        |                  |          |              |    |          |
|--------|------------------|----------|--------------|----|----------|
| JC5000 | Eliwell Coldface | NFR075DL | LFJX9.7/1.9M | 14 | £ 970.00 |
| JC5020 | Eliwell Coldface | NFR100DL | LFJX12/2.3M  | 20 | 1005.00  |
| JC5040 | Eliwell Coldface | NFR150DL | LFJX16/3.0M  | 23 | 1112.00  |

Piston Condensing Unit + Box Evaporator + Control Panel - Max. Length 25mtrs

|        |                  |           |             |    |           |
|--------|------------------|-----------|-------------|----|-----------|
| JC501  | Eliwell Coldface | NFP075DGM | LFJ7.5/2.0M | 14 | £ 1040.00 |
| JC503  | Eliwell Coldface | NFP100DGM | LFJ7.5/2.0M | 20 | 1086.00   |
| JC505  | Eliwell Coldface | NFP150DGM | LFJ11/2.8M  | 23 | 1118.00   |
| JC508  | Eliwell Coldface | NFK200DGM | LFJ14/3.6M  | 30 | 1315.00   |
| JC5080 | Eliwell Coldface | NFK250DGM | LFJ18/4.6M  | 42 | 1415.00   |
| JC5081 | Eliwell Coldface | NFK300DGM | LFJ20/5.4M  | 57 | 1580.00   |

Piston Condensing Unit + Panel Evaporator + Control Panel - Max. Length 25mtrs

|       |                  |           |              |    |           |
|-------|------------------|-----------|--------------|----|-----------|
| JC540 | Eliwell Coldface | NFP075DGM | LFJX9.7/1.9M | 14 | £ 1052.00 |
| JC541 | Eliwell Coldface | NFP100DGM | LFJX12/2.3M  | 20 | 1118.00   |
| JC542 | Eliwell Coldface | NFP150DGM | LFJX16/3.0M  | 23 | 1212.00   |

Scroll Condensing Unit + Box Evaporator + Control Panel - Max. Length 35mtrs

|        |                  |               |            |    |           |
|--------|------------------|---------------|------------|----|-----------|
| JC509  | Eliwell Coldface | NF200DGM 1PH  | LFJ14/3.6M | 30 | £ 1441.00 |
| JC510  | Eliwell Coldface | NF200SGM 3PH  | LFJ14/3.6M | 30 | 1458.00   |
| JC511  | Eliwell Coldface | NF250DGM 1PH  | LFJ18/4.6M | 42 | 1503.00   |
| JC512  | Eliwell Coldface | NF250SGM 3PH  | LFJ18/4.6M | 42 | 1530.00   |
| JC513  | Eliwell Coldface | NF300DGM 1PH  | LFJ20/5.4M | 57 | 1695.00   |
| JC514  | Eliwell Coldface | NF300SGM 3PH  | LFJ20/5.4M | 57 | 1722.00   |
| JC515  | Eliwell Coldface | NF350DGM 1 PH | LFJ26/6.8M | 70 | 1788.00   |
| JC516  | Eliwell Coldface | NF350SGM 3PH  | LFJ26/6.8M | 70 | 1815.00   |
| JC518  | Eliwell Coldface | NF400SGM 3PH  | LFJ28/7.8M | 85 | 1931.00   |
| JC5190 | Eliwell Coldface | NF500SGM 3PH  | LFJ35/9.0M | 95 | 2149.00   |

System Includes

Control Panel + Evaporator + Condensing Unit



Ambient Room Temperature 27°C

Insulation 75mm Polyurethane (Sides, Walls & Floors)

Product Load Based on 64kg/m3 Entering no more than 4°C above Room Temperature

Product SP. HT. 3.14kj/kg/k (TEV Model - Danfoss TES-2)

Ambient Temperature to Condensor 32°C

Quick Selection Chart for Complete Packaged System  
Freezer Room (-20°C) R404A



| Code                                                                         | Controller Model 2 x 6m Probe | Condensing Unit Model | Cooler Model (incl Control Panel) | Approx. Room Volume (m3) | Net Price |
|------------------------------------------------------------------------------|-------------------------------|-----------------------|-----------------------------------|--------------------------|-----------|
| Rotary Condensing Unit + Box Evaporator + Control Panel - Max. Length 12mtrs |                               |                       |                                   |                          |           |
| JC520                                                                        | Eliwell Coldface              | NFR075DL              | LFJ3.5/1.0L                       | 2                        | £ 918.00  |
| JC522                                                                        | Eliwell Coldface              | NFR100DL              | LFJ3.5/1.0L                       | 3                        | 932.00    |
| JC524                                                                        | Eliwell Coldface              | NFR150DL              | LFJ5.0/1.3L                       | 4                        | 951.00    |
| JC526                                                                        | Eliwell Coldface              | NFR200DL              | LFJ7.0/1.8L                       | 7                        | 1085.00   |
| JC527                                                                        | Eliwell Coldface              | NFR250DL              | LFJ7.0/1.8L                       | 10                       | 1130.00   |
| JC5270                                                                       | Eliwell Coldface              | NFR300DL              | LFJ9.0/2.4L                       | 16                       | 1329.00   |

Rotary Condensing Unit + Panel Evaporator + Control Panel - Max. Length 12mtrs

|        |                  |          |               |    |          |
|--------|------------------|----------|---------------|----|----------|
| JC5200 | Eliwell Coldface | NFR075DL | LFJX4.8/0.95L | 2  | £ 922.00 |
| JC5220 | Eliwell Coldface | NFR100DL | LFJX6.1/1.2L  | 3  | 975.00   |
| JC5240 | Eliwell Coldface | NFR150DL | LFJX7.3/1.5L  | 4  | 992.00   |
| JC5260 | Eliwell Coldface | NFR200DL | LFJX9.8/2.0L  | 7  | 1142.00  |
| JC5270 | Eliwell Coldface | NFR250DL | LFJX9.8/2.0L  | 10 | 1187.00  |

Piston Condensing Unit + Box Evaporator + Control Panel - Max. Length 25mtrs

|        |                  |             |             |    |           |
|--------|------------------|-------------|-------------|----|-----------|
| JC521  | Eliwell Coldface | NFP075DGL   | LFJ3.5/1.0L | 2  | £ 1058.00 |
| JC523  | Eliwell Coldface | NFP100DGL   | LFJ3.5/1.0L | 3  | 1064.00   |
| JC525  | Eliwell Coldface | NFP150DGL   | LFJ5.0/1.3L | 4  | 1126.00   |
| JC5250 | Eliwell Coldface | NFK200DGL   | LFJ7.0/1.8L | 8  | 1398.00   |
| JC5251 | Eliwell Coldface | FSP/0170-HZ | LFJ9.0/2.4L | 16 | 1675.00   |
| JC5252 | Eliwell Coldface | FSP/0270-HZ | LFJ12/3.2L  | 28 | 1721.00   |
| JC5253 | Eliwell Coldface | FSP/0360-HZ | LFJ17/4.4L  | 45 | 2061.00   |
| JC5254 | Eliwell Coldface | FSP/0475-HZ | LFJ19/5.0L  | 60 | 2369.00   |

Piston Condensing Unit + Panel Evaporator + Control Panel - Max. Length 25mtrs

|       |                  |           |               |   |           |
|-------|------------------|-----------|---------------|---|-----------|
| JC545 | Eliwell Coldface | NFP075DGL | LFJX4.8/0.95L | 2 | £ 1063.00 |
| JC546 | Eliwell Coldface | NFP100DGL | LFJX6.1/1.2L  | 3 | 1108.00   |
| JC547 | Eliwell Coldface | NFP150DGL | LFJX7.3/1.5L  | 4 | 1168.00   |
| JC548 | Eliwell Coldface | NFP200DGL | LFJX9.8/2.0L  | 8 | 1455.00   |

Scroll Condensing Unit + Box Evaporator + Control Panel - Max. Length 35mtrs

|       |                  |              |            |    |           |
|-------|------------------|--------------|------------|----|-----------|
| JC535 | Eliwell Coldface | NF400SGL 3PH | LFJ17/4.4L | 45 | £ 2709.00 |
| JC536 | Eliwell Coldface | NF500SGL 3PH | LFJ19/5.0L | 60 | 2938.00   |
| JC537 | Eliwell Coldface | NF600SGL 3PH | LFJ23/5.9L | 70 | 3035.00   |

System Includes

Control Panel + Evaporator + Condensing Unit



Maxkold Condensing Units and Refrigeration products are of the highest quality and also come with a 12 month manufacturers warranty. The main components inside these units are Copeland, Unite Hermetique, Danfoss, ABB and Siemens, and are of US and EU origin. This means you can buy Maxkold with confidence.

| Tube Cutters          |                                    |                    |           |  |  |
|-----------------------|------------------------------------|--------------------|-----------|-------------------------------------------------------------------------------------|--|
| Code                  | Model                              | To suit tube sizes | Net Price |  |  |
| Q001                  | Rothenberger Rotrac 28 Plus Chrome | 1/4 to 1-3/8"      | £ 30.55   |                                                                                     |  |
| Q003                  | Imperial TC 1550 Hi Duty           | 1/8 to 1-1/8"      | 20.61     |                                                                                     |  |
| Q004                  | Rothenberger Minicut No.2 Pro Tube | 1/8 to 7/8"        | 14.29     |                                                                                     |  |
| Q005                  | Imperial TC1050 Mini Tube Cutter   | 1/8 to 5/8"        | 11.30     |                                                                                     |  |
| Q002                  | Imperial 174FC Big Imp Tube Cutter | 3/8 to 1-1/8       | 20.49     |                                                                                     |  |
| Q007                  | Imperial TC1000 Tube Cutter        | 1/8 to 1-1/8       | 22.69     |                                                                                     |  |
| Q008                  | Imperial 206FB Adj-O-Matic         | 3/8 to 2-5/8       | 48.66     |                                                                                     |  |
| Capillary Tube Cutter |                                    |                    |           |                                                                                     |  |
| Q014                  | Imperial CTC Cutter                |                    | £ 8.95    |                                                                                     |  |

| Flare Kits      |                                                                        |                    |           |                                                                                      |  |      |
|-----------------|------------------------------------------------------------------------|--------------------|-----------|--------------------------------------------------------------------------------------|--|------|
| Code            | Model                                                                  | To suit tube sizes | Net Price |   |  | Q022 |
| Q015            | Imperial 195FC Flare Kit                                               | 3/16 to 5/8"       | £ 34.22   |                                                                                      |  |      |
| Q016            | Imperial 500FC Rol-Air                                                 | 3/16 to 5/8"       | 51.26     |                                                                                      |  |      |
| Q018            | Imperial 375FS Flare Kit                                               | 1/8 to 3/4"        | 62.52     |                                                                                      |  |      |
| Q020            | Imperial 275FS Flare Kit 45 deg                                        | 1/8 to 3/4"        | 83.10     |                                                                                      |  |      |
| Q022            | Rothenberger Eccentric Flaring Kit R410A c/w flare tool and carry case |                    | 99.95     |                                                                                      |  |      |
| Flare-Swage Kit |                                                                        |                    |           |  |  | Q020 |
| Q020            | Imperial 275FS Kit with Case                                           | 1/8 to 3/4"        | £ 85.40   |                                                                                      |  |      |

| Imperial Swaging Punches |                      |                          |           |                                                                                       |  |
|--------------------------|----------------------|--------------------------|-----------|---------------------------------------------------------------------------------------|--|
| Code                     | Model                | To suit tube sizes       | Net Price |  |  |
| Q025                     | 93S 03               | 3/16"                    | £4.45     |                                                                                       |  |
| Q026                     | 93S 04               | 1/4                      | 4.68      |                                                                                       |  |
| Q027                     | 93S 05               | 5/16                     | 5.17      |                                                                                       |  |
| Q028                     | 93S 06               | 3/8                      | 5.53      |                                                                                       |  |
| Q029                     | 93S 08               | 1/2                      | 5.99      |                                                                                       |  |
| Q030                     | 93S 10               | 5/8                      | 7.34      |                                                                                       |  |
| Q031                     | 93S 12               | 3/4                      | 7.70      |                                                                                       |  |
| Q032                     | 93S 14               | 7/8                      | 7.85      |                                                                                       |  |
| Q033                     | CH-193 – Set of Five | 1/4, 5/16, 3/8, 1/2, 5/8 | 22.95     |                                                                                       |  |

| Imperial Spares |                             |            |           |                                                                                       |  |
|-----------------|-----------------------------|------------|-----------|---------------------------------------------------------------------------------------|--|
| Code            | Model                       | To suit    | Net Price |  |  |
| Q010            | 32633 Wheel                 | TC1050/227 | £ 7.07    |                                                                                       |  |
| Q011            | 75015 Wheel                 | TC1000/312 | 5.28      |                                                                                       |  |
| Q012            | 74761 Wheel                 | 206        | 5.62      |                                                                                       |  |
| Q100            | 26883 Screw                 | TC1050/227 | P.O.A.    |                                                                                       |  |
| Q101            | 74762 Screw                 | TC1000/312 | P.O.A.    |                                                                                       |  |
| Q102            | 75531 Bar                   | 195FC      | P.O.A.    |                                                                                       |  |
| Q103            | 75534 Yoke                  | 195FC      | P.O.A.    |                                                                                       |  |
| Q104            | 278-FS-03-04-06 Swage       | 275FS      | P.O.A.    |                                                                                       |  |
| Q105            | 278-FS-08 Swage             | 275FS      | P.O.A.    |                                                                                       |  |
| Q106            | 278-FS-10 Swage             | 275FS      | P.O.A.    |                                                                                       |  |
| Q107            | 278-FS-12 Swage             | 275FS      | P.O.A.    |                                                                                       |  |
| Q108            | 38600 Flare Cone            | 275FS      | P.O.A.    |                                                                                       |  |
| Q109            | 38766 1/8 to 7/16 Flare Bar | 275FS      | P.O.A.    |                                                                                       |  |
| Q110            | 38767 1/2 to 3/4 Flare Bar  | 275FS      | P.O.A.    |                                                                                       |  |
| Q111            | 7885801 Yoke                | 275FS      | P.O.A.    |                                                                                       |  |

| Imperial                     |                   |                                                    |           |                                                                                      |  |                                                                                     |  |
|------------------------------|-------------------|----------------------------------------------------|-----------|--------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
| Tube Benders                 |                   |                                                    |           |                                                                                      |  |                                                                                     |  |
| Bending Springs-Imperial     |                   |                                                    |           |                                                                                      |  |                                                                                     |  |
| Code                         | Model             | Size                                               | Net Price |   |  |                                                                                     |  |
| Q035                         | 102-F-04          | 1/4"                                               | £ 3.28    |                                                                                      |  |                                                                                     |  |
| Q036                         | 102-F-06          | 3/8                                                | 3.89      |                                                                                      |  |                                                                                     |  |
| Q037                         | 102-F-08          | 1/2                                                | 4.30      |                                                                                      |  |                                                                                     |  |
| Q038                         | 102-F-10          | 5/8                                                | 4.44      |                                                                                      |  |                                                                                     |  |
| Q039                         | 102-F-12          | 3/4                                                | 5.32      |                                                                                      |  |                                                                                     |  |
| Q040                         | 102-F-14          | 7/8                                                | 6.18      |                                                                                      |  |                                                                                     |  |
| Q042                         | 9881635           | 7 piece Set - 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4" | £ 29.39   |                                                                                      |  |                                                                                     |  |
| Combination Benders-Imperial |                   |                                                    |           |                                                                                      |  |  |  |
| Code                         | Model             | Size                                               | Net Price |                                                                                      |  |                                                                                     |  |
| Q070                         | 368FH             | 1/4 - 5/16 - 3/8"                                  | £ 22.83   |                                                                                      |  |                                                                                     |  |
| Hand Benders-Imperial        |                   |                                                    |           |   |  |                                                                                     |  |
| Code                         | Model             | Size                                               | Net Price |                                                                                      |  |                                                                                     |  |
| Q080                         | 364 FHB-08        | 1/2"                                               | £ 80.55   |                                                                                      |  |                                                                                     |  |
| Q081                         | 364 FHA-10        | 5/8                                                | 94.89     |                                                                                      |  |                                                                                     |  |
| Q082                         | 364 FHA-12        | 3/4                                                | 141.88    |                                                                                      |  |                                                                                     |  |
| Q083                         | 364 FHA-14        | 7/8                                                | 195.00    |                                                                                      |  |                                                                                     |  |
| Hand Benders-Rothenberger    |                   |                                                    |           |  |  |                                                                                     |  |
| Code                         | Model             | Size                                               | Net Price |                                                                                      |  |                                                                                     |  |
| Q090                         | Maxi Bender 23022 | 3/8-1/2-5/8-3/4-7/8"                               | £ 199.54  |                                                                                      |  |                                                                                     |  |

| Gear Benders-Imperial |          |                  |           |                                                                                       |  |
|-----------------------|----------|------------------|-----------|---------------------------------------------------------------------------------------|--|
| Code                  | Model    | Size             | Net Price |  |  |
| Q084                  | 270-F-12 | 3/4"             | £ 176.38  |                                                                                       |  |
| Q085                  | 270-F-14 | 7/8"             | 167.95    |                                                                                       |  |
| Q086                  | 270-F-18 | 1-1/8"           | 199.95    |                                                                                       |  |
| Hydraulic Benders     |          |                  |           |  |  |
| Code                  | Model    | Description      | Net Price |                                                                                       |  |
| Q088                  | HB-451   | Hydraulic Bender | £ 266.80  |                                                                                       |  |

| Reamer |                                      |           |                                                                                       |  |
|--------|--------------------------------------|-----------|---------------------------------------------------------------------------------------|--|
| Code   | Model                                | Net Price |  |  |
| Q013   | Imperial 208 Inner and Outer Reamer  | £ 16.22   |                                                                                       |  |
| Q139   | Imperial 210-F Reamer c/w Two Blades | 13.10     |                                                                                       |  |



Valve Keys

| Code | Model  | To Suit             | Net Price |  |                                                                                     |
|------|--------|---------------------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Q116 | RW 123 | 3/16" - 1/4" square | £ 14.51   |                                                                                     |                                                                                     |
| Q118 | RW 122 | 1/2" - 9/16" AF     | 10.53     |                                                                                     |  |
|      |        | 3/16" - 1/4" square |           |                                                                                     |                                                                                     |
| Q141 | RW 127 | 5/16" - 3/8" square | 11.06     |                                                                                     |                                                                                     |
|      |        | 5/16" - 3/8" square |           |                                                                                     |                                                                                     |
|      |        | 1/4" - 3/8" square  |           |                                                                                     |                                                                                     |

Ratchet Tool

| Code | Model   | Net Price                     |  |
|------|---------|-------------------------------|-------------------------------------------------------------------------------------|
| Q125 | MV-3816 | 7 in 1 Ratchet Tool<br>£ 7.85 |                                                                                     |

Pinch Off Tool

| Code | Model    | To Suit                  | Net Price |  |
|------|----------|--------------------------|-----------|-------------------------------------------------------------------------------------|
| Q055 | VG-10    | Lock-grips (3/16 to 3/8) | £ 30.62   |                                                                                     |
| Q058 | VG-121NG | Spare Needle and Gasket  | 9.52      |                                                                                     |

Piercing Pliers

Line piercing pliers for refrigerant recovery.

| Code | Model  | Net Price                             |  |
|------|--------|---------------------------------------|-------------------------------------------------------------------------------------|
| Q050 | PT-109 | Piercing Tool<br>£33.64               |                                                                                     |
| Q051 |        | Replacement Needle and Gasket<br>7.89 |                                                                                     |

Torque Wrench Sets

| Code | Model | Net Price                             |  |
|------|-------|---------------------------------------|--------------------------------------------------------------------------------------|
| Q168 | TW-8  | Torque Wrench Set<br>£ 49.90          |                                                                                      |
| Q169 |       | Rotorque Torque Wrench 00224<br>88.81 |                                                                                      |
| Q170 |       | Torque Wrench Set R175001<br>62.19    |                                                                                      |

Rotorque is a Patented rack and pinion drive enables quick and reliable fastening of flare nuts sizes 15 - 32 mm in accordance with EN 378-2:2008-06

Multi Fin Comb

| Code | Model | Net Price                |  |
|------|-------|--------------------------|---------------------------------------------------------------------------------------|
| Q120 |       | Multi Fin Comb<br>£ 5.84 |                                                                                       |
| Q121 |       | Coil Fin Brush<br>3.56   |                                                                                       |

Strippers & Crimping Tool

| Code | Model  | Description             | Net Price |  |
|------|--------|-------------------------|-----------|---------------------------------------------------------------------------------------|
| L580 | IE-110 | 5-in-1 Combination Tool | £ 17.85   |                                                                                       |

Drills and Screwdriver Bits

| Code | Model            | Description                                                                        | Net Price |  |
|------|------------------|------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Q728 | Bosch GBH2-24D   | SDS Hammer Drill 110V 700 Watt w/Carry Case                                        | £ 99.95   |                                                                                       |
| Q729 | Bosch GBH2-24D   | SDS Hammer Drill 240V 700 Watt w/Carry Case                                        | 99.95     |                                                                                       |
| Q730 | Makita 14.4V     | Mobile Driver Drill inc 2 x 1.3Ah Nicad Batteries                                  | 54.79     |                                                                                       |
| Q731 | Makita DLX2012X2 | 18V Twin Kit Impact Driver & Combi Drill 2 x 18v 3.0Ah Li-ion Batteries Carry Case | 226.44    |                                                                                       |

Bi-Torsion Extra Hard Gold Screwdriver Bits

| Code | Model        | Description                                  | Net Price |  |
|------|--------------|----------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Q732 | Pozi 1       | Extra Hard Gold Box Qty 10                   | £ 20.56   |                                                                                       |
| Q733 | Pozi 2       | Extra Hard Gold Box Qty 10                   | 20.56     |                                                                                       |
| Q734 | Pozi 3       | Extra Hard Gold Box Qty 10                   | 20.56     |                                                                                       |
| Q735 |              | Extra Hard Gold Screwdriver Bits 7 Piece Set | 14.95     |                                                                                       |
| Q736 | Phillips PH2 | x 25mm Box 25                                | 5.97      |                                                                                       |
| Q737 | Phillips PH2 | x 50mm Box 10                                | 5.97      |                                                                                       |
| Q740 | Dewalt PZ2   | Impact Driver Bits 25mm Box 25               | 10.45     |                                                                                       |

Tube Expander Kits

| Code | Model                                                                         | Net Price |  |
|------|-------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|
| Q179 | 12318 Kit in carrying case c/w<br>6 heads - 3/8, 1/2, 5/8, 3/4, 7/8 and 1-1/8 | £ 279.00  |                                                                                     |
| Q170 | 3/8" O.D. Head to suit                                                        | 86.36     |                                                                                     |
| Q171 | 1/2" O.D. Head to suit                                                        | 86.36     |                                                                                     |
| Q172 | 5/8" O.D. Head to suit                                                        | 86.36     |                                                                                     |
| Q173 | 3/4" O.D. Head to suit                                                        | 86.36     |                                                                                     |
| Q174 | 7/8" O.D. Head to suit                                                        | 86.36     |                                                                                     |
| Q175 | 1-1/8" O.D. Head to suit                                                      | 118.75    |                                                                                     |
| Q176 | 1-3/8" O.D. Head to suit                                                      | 118.75    |                                                                                     |
| Q177 | 1-5/8" O.D. Head to suit                                                      | 118.75    |                                                                                     |

Inspection Mirror

| Code | Model | Dia. of mirror | Extension     | Net Price |  |
|------|-------|----------------|---------------|-----------|-------------------------------------------------------------------------------------|
| Q730 | MIR-2 | 2"             | 8-1/2" to 18" | £ 9.15    |                                                                                     |

Hex Key Set

| Code | Model                                  | Net Price |  |
|------|----------------------------------------|-----------|-------------------------------------------------------------------------------------|
| Q460 | 10 Piece Metric Hex Key Set - Ball End | 14.43     |                                                                                     |
| Q461 | 10 Piece AF Hex Key Set - Ball End     | 14.43     |                                                                                     |

Saws & Blades

| Code | Type                                                | Net Price |  |
|------|-----------------------------------------------------|-----------|--------------------------------------------------------------------------------------|
| Q433 | Rothenberger Hardpoint Saw 22" (8ppi)               | £ 10.84   |                                                                                      |
| Q436 | Rothenberger Heavy Duty 12" Hacksaw                 | 17.50     |                                                                                      |
| Q437 | Rothenberger 12" Bi-Metal Hacksaw Blades 24TPI Each | 2.43      |                                                                                      |
| Q434 | Junior Hacksaw                                      | 3.25      |                                                                                      |
| Q435 | Junior Hacksaw Blades Pack 10                       | 2.69      |                                                                                      |
| Q433 | Rothenberger Hardpoint Saw 22" (8ppi)               | 10.84     |                                                                                      |

Screwdrivers

| Code | Type                                       | Net Price          |  |
|------|--------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| Q405 | Rothenberger Insulated Screwdriver Set     | 7 piece<br>£ 38.91 |                                                                                       |
| Q406 | Rothenberger 6pce Euroline Screwdriver Set | 28.97              |                                                                                       |
| Q407 | Rothenberger Mains Testing Screwdriver     | 2.65               |                                                                                       |
| Q408 | Rothenberger Long Reach Screddrivers       | 2 piece<br>5.85    |                                                                                       |

Wrenches

| Code                                                                                                                                        | Model                                      | Net Price |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Q705                                                                                                                                        | Rothenberger 6" x 34mm Adj Wide Jaw Wrench | £ 16.28   |                                                                                       |
| Q706                                                                                                                                        | Rothenberger 8" x 38mm Adj Wide Jaw Wrench | 18.99     |                                                                                       |
| Q707                                                                                                                                        | Rothenberger 6" x 50mm Adj Wide Jaw Wrench | 21.45     |                                                                                       |
| Q718                                                                                                                                        | Rothenberger Water Pump Pliers Set 3       | 49.95     |                                                                                       |
| Q708                                                                                                                                        | Rothenberger 6" Adjustable Chrome Wrench   | 13.74     |                                                                                       |
| Q709                                                                                                                                        | Rothenberger 8" Adjustable Chrome Wrench   | 16.37     |                                                                                       |
| Q710                                                                                                                                        | Rothenberger 10" Adjustable Chrome Wrench  | 19.95     |                                                                                       |
| Q711                                                                                                                                        | Rothenberger 12" Adjustable Chrome Wrench  | 24.68     |                                                                                       |
| Q712                                                                                                                                        | Rothenberger 15" Adjustable Chrome Wrench  | 49.39     |                                                                                       |
| Precise operation: Smooth-running and robust roller with minimum play in the sliding guides. Chrome Vanadium with Steel/Crome plated finish |                                            |           |                                                                                       |

Torches

| Code | Model                               | Net Price |  |
|------|-------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Q514 | LED P4 Professional Pen Torch 88922 | £ 16.95   |                                                                                       |
| Q515 | LED Head Torch 88926                | 16.99     |                                                                                       |



## Manifolds

| Code  | Model                                                                                             | Net Price |
|-------|---------------------------------------------------------------------------------------------------|-----------|
| Q230  | Rothenberger 2 Way Manifold R22 R404A, R407C R134a Sight Glass 170501                             | £ 68.05   |
| Q231  | Rothenberger 2 Way Manifold R410A Sight Glass 170518                                              | 68.05     |
| Q232A | Rothenberger 2 Way Manifold Set (incl. Set of 3 Hoses) + Carry Case R22 R404A, R407C R134a 170600 | 132.99    |
| Q236  | Rothenberger 2 Way Manifold Set (incl. Set of 3 Hoses) + Carry Case R410A 170607                  | 147.56    |
| Q233  | Rothenberger 4 Way Manifold Set (incl. Set of 3 Hoses) + Carry Case R22 R404A, R407C R134a 170602 | 168.95    |
| Q233A | Rothenberger 4 Way Manifold Set (incl. Set of 3 Hoses) + Carry Case R410A 170608                  | 177.20    |
| Q350  | ROCOOL 600 Digital Manifold + 1 Temp Clamp                                                        | 346.00    |

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|       |                                                                                                                                 |         |
|-------|---------------------------------------------------------------------------------------------------------------------------------|---------|
| Q232  | 660-CB Four Way Manifold<br>Imperial 600 Series 4 Valve Manifold.<br>Bar/°C with scales for R134a, R404A, R407C                 | 69.95   |
| Q234  | 640-CB Four Way Manifold<br>Imperial 600 Series 4 Valve Manifold<br>Bar/°C with scales for R410A                                | 69.95   |
| Q330  | 566-CC Imperial 5 Ports with Sight Glass Manifold<br>L22/407C/410A (inc. 5 x 36" hoses) 5 ports with sight glass                | 129.95  |
| Q331  | 626-CSC Imperial 4 Valve Manifold for R-404, R-407C & R-134A<br>(inc. 5 x 36" hoses)                                            | 133.50  |
| Q340  | 745-CBC Two Way Manifold<br>Imperial 700 Series Kwik Charge Manifold<br>that read Bar/PSI/°C with scales for R410A Only         | 89.95   |
| Q349  | 740-CBC Two Way Manifold<br>IMPERIAL 700 Series Kwik Charge Manifold<br>. Reads Bar/PSI/°C with scales for R134a, R404A, R407C. | 95.75   |
| Q4320 | Imperial iManifold™ Wireless Digital Manifold                                                                                   | 933.00  |
| Q4321 | Imperial iManifold™ Wireless Digital Manifold with Tablet                                                                       | 2534.00 |

Imperial



## Vacuum Gauges

| Code | Model                                         | Net Price |
|------|-----------------------------------------------|-----------|
| Q277 | Wigam Analogue Vacuum Gauge 0-1000mb          | 48.12     |
| Q278 | Robinair RA VG-1 Digital Micron Gauge SO40049 | 195.00    |
| Q279 | VG64 Electronic Vacuum Gauge                  | 146.65    |

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## Standard Charging Lines

| Code                                | Model                     | Colour          | Net Price |
|-------------------------------------|---------------------------|-----------------|-----------|
| Q364                                | 1/4" Imperial Hose Set 3  | Red-Yellow-Blue | £ 42.30   |
| Q365                                | 5/16" Imperial Hose Set 3 | Red-Yellow-Blue | 42.29     |
| <b>1/4" x 72" Individual Lines</b>  |                           |                 |           |
| Q368                                | 72-4-B                    | Blue            | 15.39     |
| Q369                                | 72-4-R                    | Red             | 15.39     |
| Q370                                | 72-4-Y                    | Yellow          | 15.39     |
| <b>1/4" x 120" Individual Lines</b> |                           |                 |           |
| Q371                                | 120-4-B                   | Blue Line       | 26.03     |
| Q372                                | 120-4-R                   | Red             | 26.03     |
| Q373                                | 120-4-Y                   | Yellow          | 26.03     |
| <b>Set of 3 x 36" x 1/4"</b>        |                           |                 |           |
| Q374                                | SET-36-4                  | Red-Yellow-Blue | 24.95     |
| <b>Set of 3 x 72" x 1/4"</b>        |                           |                 |           |
| Q375                                | 5/16" Javac Hose Set 3    | Red-Yellow-Blue | 29.22     |
| <b>R410A 1/2" (20 UNF) x 60"</b>    |                           |                 |           |
| Q396                                | 60-B                      | Blue Line       | 12.27     |
| Q397                                | 60-R                      | Red             | 12.27     |
| <b>High Pressure Charging Line</b>  |                           |                 |           |
| Q305                                | Vac HP Charging Line      | Yellow          | 20.41     |

Imperial



## Charging Lines Standard or with Ball Valves

| Code  | Model   | Colour RYB                                                           | Net Price |
|-------|---------|----------------------------------------------------------------------|-----------|
| Q394  | R171517 | Set of 3 1500mm Lines with Shut Off Valves<br>1/4" R404A R134A R407C | £ 69.95   |
| Q3940 | R171520 | Set of 3 1500mm Lines with Shut Off Valves<br>R410A 5/16"            | 69.95     |
| Q395  | R171512 | Std Set of 3 1500mm Lines 1/4" R404A<br>R134A R407C                  | 35.89     |
| Q3950 | R171534 | Std Set of 3 1500mm Lines 5/16" R4410A                               | 35.89     |

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## Charging Line Spares

| Code | Description                                              | Net Price |
|------|----------------------------------------------------------|-----------|
| Q378 | 6 Gaskets/3 Lifters for Standard Lines                   | £ 6.77    |
| Q377 | R1700RD Hose Adaptor 1/4" SAE M to 5/16" SAE F           | 10.05     |
| Q381 | 170016 Hose Adaptor 1/4" SAE F to 5/16" SAE M            | 9.92      |
| Q386 | 26C Straight Quick Coupler. Converts 1/4" Lines to R410A | 16.91     |
| Q387 | 27C Elbow Quick Coupler. 5/16" R410A                     | 18.25     |
| Q388 | 16C Quick Coupler 1/4" Straight                          | 11.93     |
| Q389 | 17C Quick Coupler 1/4" Angled                            | 14.99     |





### Robinair Vacuum Pumps

The following Vacu-Master Vacuum Pumps from Robinair are 240v only and offer a high performance at a very competitive price.

**ROBINAIR**

#### Single Stage - 240 Volt

| Code | Model | Swept Volume       | Supply | Weight   | Net Price |
|------|-------|--------------------|--------|----------|-----------|
| Q243 | 15301 | 71 l/min (3.0 cfm) | 240v   | 10.0 kgs | £ 174.95  |



#### Two Stage Dual Wired Pumps

A quality Dual Voltage Robinair Vacuum Pump, that you can alter the wiring to suit either 110 or 240 Volt.

Two Stage Dual Voltage - Switchable 110/240 Volt

| Code | Model | Swept Volume        | Supply   | Weight   | Net Price |
|------|-------|---------------------|----------|----------|-----------|
| Q247 | 15401 | 112 l/min (3.3 cfm) | 110/230v | 12.0 kgs | £ 346.47  |
| Q248 | 15601 | 168 l/min (6.0 cfm) | 110/230v | 12.0 kgs | 406.87    |



### Rothenberger Vacuum Pump

Roair Dual Voltage with Switch 230v/110v

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| Code | Model  | Swept Volume        | Supply   | Weight   | Net Price |
|------|--------|---------------------|----------|----------|-----------|
| Q220 | 170062 | 85 l/min (3.0 cfm)  | 110/230v | 10.7 kgs | £ 242.37  |
| Q249 | 170063 | 170 l/min (6.0 cfm) | 110/230v | 11.5 kgs | 269.95    |



Two-stage rotary vane pump for evacuation in accordance

For evacuation according to DIN 8975 with vacuum gauge and solenoid check valve

### Vacuum Pump Oil

Specially formulate to improve cold start performance of most high vacuum pumps; chemically engineered to maintain viscosity at very high running temperatures

| Code | Description             | Net Price |
|------|-------------------------|-----------|
| Q202 | 1 Litre Vacuum Pump Oil | £ 7.89    |



### Engineers Air Con Tool Kit

| Code | Description           | Net Price |
|------|-----------------------|-----------|
| Q287 | Air-Con Tool Kit 3CFM | £ 971.00  |
| Q288 | Air-Con Tool Kit 6CFM | 1029.00   |



Kit Includes:

Vacuum Pump (3cfm or 6cfm)  
Recovery Unit  
100Kg Scales  
Electronic Leak Detector  
4-Way R410A Manifold Set  
Concentric Flaring Tool  
Digital Thermometer



### TIF 9030 Electronic Charging Scales

Electronic Charging and Recovery Scales.  
Clear LCD readout.  
Battery powered. Approx. 60 hours battery life (PP3).  
Supplied in a tough ABS plastic case.



| Code | Model                                  | Net Price |
|------|----------------------------------------|-----------|
| Q286 | WS-120 Electronic Scales Max Cap 120kg | £ 137.40  |

### Rothenberger

Electronic Charging and Recovery Scales.  
Clear LCD readout. Battery powered 9V.

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| Code | Model                                                                              | Net Price |
|------|------------------------------------------------------------------------------------|-----------|
| Q285 | 173005 Roscale 120<br>Resolution 5g<br>Suitable for all common refrigerant bottles | £ 199.43  |

### Nitrogen Pressure Gauge

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| Code | Model                          | Net Price |
|------|--------------------------------|-----------|
| Q842 | 259040 Nitrogen Pressure Gauge | £ 61.75   |



For the Refrigeration - Air Conditioning Engineer. Connects to Nitrogen Regulator via 1/4 " Refrigerant Hose. Allows user to accurately monitor system test pressures when carrying out repairs or installation.

### Oxyturbo Maxymum High Pressure Regulator

**oxyturbo**

Professional regulator for use with nitrogen or argon  
Front adjustment. Side entry for nitrogen or argon cylinders.  
63mm gauges to ISO 5171 with fitted protectors. Safety relief valve.  
Made with advanced production technology from brass bar stock with quality manufactured components.  
Maximum inlet pressure of 300 bar.  
Supplied with a series of cascade outlet nipples with multiple connection possibilities including: G3/8 Rhe cone outlet according to UNI EN 560:2006; conversion outlet from cone G3/8 to SAE 1/4" (7/16" 20 UNF); conversion outlet from SAE 1/4" to SAE 5/16" (1/2" 20 UNF).  
The Maxymum reduces and stabilises the pressure of the gas in the cylinder to a safe and/or usable level acceptable by your operating system. The pressure in the gas cylinder is easily increased and decreased by a simple turn of the pressure adjusting knob.

| Code | Model                           | Net Price |
|------|---------------------------------|-----------|
| Q840 | S100422 Maxymum Press Regulator | £ 139.00  |



## Recovery Machines

Promax (Please specify Voltage 110 or 240v)

| Code | Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Net Price |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Q500 | Minimax Portable Recovery Machine 240 Volt<br>Suitable for HFC, CFC and HCFC including R410A<br>Voltage: 240 V or 110 V<br>Dimensions H=343mm, W=229mm, L=483mm<br>Ultimate vacuum 29 inHg<br>High pressure cut out 550 psi / 38 bar<br>Compressor 1/2 HP, direct drive, 1725 rpm<br>Dimensions H = 343mm, W = 229mm, L = 483mm<br>Weight of unit 14kg                                                                                                                                                                                                                                                                                                                                                                                                                      | £ 762.00  |
| Q499 | RG 6-E Twin Cylinder Refrigerant Recovery Machine<br>Suitable for HFC, CFC and HCFC including R410A<br><br>Promax introduces the new and highly developed RG 6-E. This Promax model boasts a twin-cylinder design and spark-proof switches, which makes it suitable for recovering A2L mildly flammable refrigerants such as R32 and R1234YF. It also guarantees excellent recovery rates on CFC, HCFC, HFC refrigerants. It uses the proven Promax oil-less compressor design - which promotes faster recovery under all conditions. The new 1HP/735W motor performs better in all scenarios. All of these features are packaged in new moulded housing, ensuring that not only will the RG 6-E out-perform all competitors - it will also remain lightweight and compact. | 1055.00   |
| Q502 | RG3000 Portable Recovery Machine 240 Volt<br>Suitable for HFC, CFC and HCFC including R410A<br>Voltage: 240 V<br>Recovery Rate: Liquid : upto 50 kgs/hr<br>Vapour: upto 17 kgs/hr<br>Push/Pull method Liquid: 240 kgs/hr<br><br>Dimensions: Height: 280 mm<br>Width: 229 mm<br>Depth: 432 mm<br>Weight: 14 kgs                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 539.00    |

PROMAX



## Rothenberger

| Code | Model                                                                                           | Net Price |
|------|-------------------------------------------------------------------------------------------------|-----------|
| Q506 | Rorec 168605 Compact Recovery Machine<br>Capacity 373kg/hr push-pull Dual Voltage 110v/230v     | £ 787.00  |
| Q507 | Rorec Pro 168606 Compact Recovery Machine<br>Capacity 436kg/hr push-pull Dual Voltage 110v/230v | 958.00    |

Compact, portable device for recovery of halogenated refrigerants of every kind  
4-pole motor guarantees the durability of the machine  
Low noise and vibration emission thanks to the compact design  
Intuitive handling makes it simple and safe to use  
Maintenance-free operation through the oil-free compressor  
Emptying of the device in order to work with different refrigerants with the PURGE function  
Simple transport and use with the light and compact plastic casing

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## Leak Detector Spray

Ready for use, will locate the smallest leak in refrigerant, gas or compressed air systems.  
Operating range: LDS 0 Deg.C to +50 Deg.C  
LT45 -45 Deg.C to +50 Deg.C

advanced  
engineering

| Code | Type              | Net Price |
|------|-------------------|-----------|
| Q191 | Regin Premier     | £ 7.15    |
| M486 | Advanced EasyFind | £ 8.63    |



## Leak Sealant

| Code | Model                                             | Net Price |
|------|---------------------------------------------------|-----------|
| M190 | System Leak Sealant Kit up to 1.5 Tons (5kW)      | £ 29.60   |
| M191 | System Leak Sealant Kit up to 1.5-5 Tons (5-17kW) | £ 38.79   |



## Electronic Leak Detectors

| Code | Model                                       | Net Price |
|------|---------------------------------------------|-----------|
| Q495 | RO-LEAK 87305 Electronic Leak Detection Kit | £ 184.75  |

Durable and highly sensitive sensor tip with e leak detection rate of 3 g/a within 3 seconds  
Simple determination of the refrigerant concentration  
Adjustment of the sensor tips zero measurement point for simple detection of the leak  
Exact and quick locating of the leak. Easy accessibility of even hard to reach leaks

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| Code | Model                                      | Net Price |
|------|--------------------------------------------|-----------|
| Q494 | TIF XP1-1A Automatic Halogen Leak Detector | £ 137.40  |

Sensitive to HFC, CFC and HCFC refrigerants. Super sensitive: leak rate 11 grams per year. High efficiency positive displacement pump  
Audible alarm and flashing LED. Carrying Case

| Code | Model                               | Net Price |
|------|-------------------------------------|-----------|
| Q493 | TIF 8900-E Combustible Gas Detector | £ 260.81  |

Solid state sensor technology, long life and precision  
Broad band of combustible gas detection. Can be used to leak check refrigeration systems that use hydrocarbon combustible gases.  
Sensitivity as low as 5 ppm  
Classified intrinsically safe for use in flammable environments





UV-Fluorescent Leak Detectors

Finds refrigerant leaks undetectable by other methods.

Add fluorescent dye to the refrigeration system and allow to circulate. In the event of a leak, the dye escapes with the system's refrigerant and remains at all leak sites. Scan the system with a Spectroline UV/Blue Inspection Lamp – the dye will fluoresce to pinpoint the exact source of the leak.



| Code | Model                                                                                                                                                                                                                                                                                                                                            | Net Price |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Q552 | Optimax Junior Complete Starter Kit<br>Consists of:<br>Cordless Lamp powered by 3 x AA batteries (included) will keep the high-intensity, 100,000-hour LED bulb at peak performance for over half a day's continuous use.<br>EZ-Ject dye injector kit<br>2 x EZ-4/ECS dye Cartridges<br>Carrying case and sample of cleaner<br>UVS-40 Spectacles | £ 109.72  |

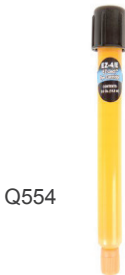


|      |                                                                                                                                                                                                                                      |        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Q553 | Optimax Pro-Complete Kit<br>Consists of:<br>14.5 volt U.V. Lamp capable of pinpointing the tiniest leaks up to 6M (20 ft) away.<br>Big EZ injector kit<br>BEZ-200/E Dye<br>Carrying case and sample of cleaner.<br>UVS-40 Spectacles | 239.77 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|



Dye Cartridges

| Code                         | Model                                               | Net Price |
|------------------------------|-----------------------------------------------------|-----------|
| To suit - Optimax Junior Kit |                                                     |           |
| Q554                         | EZ-4/E Cartridge treats upto 11.3 kg of refrigerant | £ 16.77   |



| To suit - Optimax Pro-Complete Kit |                                                        |           |
|------------------------------------|--------------------------------------------------------|-----------|
| Code                               | Model                                                  | Net Price |
| Q550                               | BEZ-2/ECS Cartridge treats upto 70 kgs of refrigerant  | 123.63    |
| Q551                               | BEZ-4/ECS Cartridge treats upto 180 kgs of refrigerant | 161.93    |

Accessories

| Code | Model             | Net Price |
|------|-------------------|-----------|
| Q555 | UVS-40 Spectacles | £ 24.83   |



Glo Stick Capsules

The following Glo Stick Capsules are for use with Spectroline HVLD-80 and TLK100 Leak Detection Kits.

Glo Stick Capsules contain AR-GLO and eliminate the need for additive filling and venting. AR-GLO is proven safe and effective. It works in any size AC & R system and is compatible with all commonly used refrigerants and refrigerant blends employing mineral oil, ester oil, alkylbenzene or PAG lubricants. Different size glo sticks are available for various refrigerant charges. Several sticks can be used for larger systems. The ester glo sticks may be used in mineral or alkylbenzene oil systems and therefore are the most suitable for van stock.



Not Suitable for use with EZ-Ject or Big EZ-injection systems.

| Mineral Oil |                | Net Price |
|-------------|----------------|-----------|
| Code        | Model          |           |
| Q560        | GS-101 Capsule | £ 6.89    |
| Q561        | GS-1           | 11.79     |
| Q562        | GS-2           | 16.41     |
| Q563        | GS-3           | 23.90     |

| Ester Oil |                  | Net Price |
|-----------|------------------|-----------|
| Code      | Model            |           |
| Q565      | GS-101/E Capsule | £ 7.74    |
| Q566      | GS-1/E           | 12.93     |
| Q567      | GS-2/E           | 18.01     |
| Q568      | GS-3/E           | 25.95     |

| PAG Oil |                    | Net Price |
|---------|--------------------|-----------|
| Code    | Model              |           |
| Q569    | GS-101/PAG Capsule | £ 7.74    |
| Q570    | GS-1/PAG           | 12.93     |

| Alkylbenzene Oil |         | Net Price |
|------------------|---------|-----------|
| Code             | Model   |           |
| Q574             | GS-1/LT | £ 12.93   |



The following table gives an approximate guide to Glo Stick Capacity. Multiple Glo Sticks can be used in larger systems.

| Capsule | Refrigerant Charge Kgs | Oil Charge Litres |
|---------|------------------------|-------------------|
| GS-101  | Up to 1.3              | Up to 0.4         |
| GS-1    | 1.4 to 2.2             | 0.5 to 1.5        |
| GS-2    | 2.3 to 4.5             | 1.6 to 3.0        |
| GS-3    | 4.6 to 11.3            | 3.1 to 7.6        |

Soldering & Brazing Torches

Brazing Kits

| Code | Description                            | Net Price |
|------|----------------------------------------|-----------|
| Q452 | Super Fire 2 Torch<br>(Piezo ignition) | £ 61.28   |
| Q453 | Trigger Torch with Holster             | 69.37     |
| Q455 | Rofire Swivel Pro Twin Burner          | 64.19     |



Brazing Gas

| Code | Type                   | Net Price |
|------|------------------------|-----------|
| Q465 | PT-1 Butane (Red)      | £ 6.80    |
| Q466 | MT-1 Mapp gas (Yellow) | 9.88      |



Turbo 1000 Brazing Kit

An Oxygen/Maxi Gas Brazing Kit capable of temperatures up to 3000 degrees centigrade. Both the oxygen and maxi gas are supplied in non returnable canisters.

| Code | Model                        | Net Price |
|------|------------------------------|-----------|
| Q530 | Turbo 1000 Brazing Kit       | £ 105.95  |
| Q532 | Oxygen Refill for Turbo 90   | 16.50     |
| Q533 | Maxy Gas Refill for Turbo 90 | 9.99      |



Solder & Brazing Accessories

Silver Solder  
40% Cadmium free Silver Alloy FLUX COATED

| Code | Description       | Net Price |
|------|-------------------|-----------|
| Q684 | 440 2 mm 5 Sticks | £ 27.65   |
| Q685 | 440 2 mm 1 Kg     | 454.61    |



Brazing Alloys

Special quality hard solder, not standardised, similar to DIN EN 1044, with low silver content, matched to normally-stressed copper pipe system, ideal for capillary gap soldering

| Code | Description                                              | Net Price |
|------|----------------------------------------------------------|-----------|
| Q814 | Rolot Rothenberger S2 1Kg                                | £ 26.95   |
| Q815 | Lawton S2 Brazing Rod 1Kg                                | 24.49     |
| Q775 | Phoson PK 10 (silver bearing alloy for copper to copper) | 9.85      |



Flux Powder

| Code | Description      | Net Price |
|------|------------------|-----------|
| Q693 | Flux Powder 250g | £ 8.64    |

Bulk Deals available on these Products

Rothenberger Brazing Mats

200 x 300mm. A high temperature soldering pad with vermiculite coating. Protects work areas up to 1260°C.

Ecomab® Class 'O' Infill Wipe-Clean Back  
Will withstand heat up to 1260 °c

| Code | Description                                              |
|------|----------------------------------------------------------|
| Q480 | Rothenberger Super Mat 1260 °c 30x20                     |
| Q481 | Rothenberger Professional Carbon Fibre Mat 1400 °c 25x25 |

| Net Price |
|-----------|
| £ 18.99   |
| 10.12     |



Regin Turbo Brazing Mat

Asbestos free brazing mat.  
Will withstand heat up to 1300 °C

| Code | Description                                  |
|------|----------------------------------------------|
| Q479 | Regin Premier 12" x 7-1/2" Brazing Mat 29x19 |

| Net Price |
|-----------|
| £ 17.12   |



Pyrocool Gel

Pyrocool gel is a colourless, odourless gel that protects all surfaces during soldering, brazing or welding. It protects existing joints from heat transfer effects. Optimal consistency; sticks to most surfaces. Reduces the risk of damage to sensitive parts. Dissipates heat and reduces the risk of fire. Can be used on Copper, Steel and Aluminium pipe work and is non corrosive.

| Code | Description          |
|------|----------------------|
| Q485 | PyroCool Gel 1 litre |

| Net Price |
|-----------|
| £ 23.94   |



Abrasive Products

Abrasive products for cleaning tube and fittings prior to brazing.

| Code | Description                                                                |
|------|----------------------------------------------------------------------------|
| Q632 | Abrasive Mini Strips Med Grade (Pack of 10)<br>Waterproof, Open Nylon Mesh |
| Q633 | Grip Cut 1-1/2" x 5 yds Roll                                               |

| Net Price |
|-----------|
| £ 10.01   |

11.49





### IdroFan Fan Coil Units

Carrier's range of high performance Fan Coil Units includes compact ducted units, and floor-standing and ceiling-mounted cassette-based systems



### AquaSnap Chillers

Carrier's range of modular packaged condensing units are based on R410A refrigerant, and offer exceptionally quiet performance and excellent efficiency.



### Carriers Spare Parts

We supply everything from new and remanufactured compressors, replacement components, to consumables such as filters and driers, and servicing tools.

When plant breaks down, we understand that speed of response is vital. Therefore, we offer next day delivery to ensure you get the parts you need to get plant up and running quickly.

We keep large stocks of all key items, to ensure availability and immediate despatch. We also operate a critical stock list and customer stores stocking service, to ensure vital parts are always available in the event of an unforeseen breakdown.



Climate Controls and Spares are authorised Carrier Distributors



### J&E Hall Cellar Cooling Systems

#### Overview of JCC2 Cellar Coolers

#### 3 Years Warranty

The improved version of the JCC cellar coolers provide complete range of reliable, energy efficient units designed to maintain temperatures required in beer and wine cellars. The units operate down to 4°C making them suitable for extending the life of perishable goods like fruit, flowers and vegetables. General Specifications...

- Refrigerant R410a
- Galvanised mild steel casing with polyester powder coating
- 6 fins per inch - brewery specification evaporator coils
- Condensing unit fitted with rotary compressor
- Low pressure switch fitted to all indoor unit models
- Standard electronic temperature controller across four models
- Suitable for wall or ceiling mounting without the use of additional brackets.



#### ICC Indoor Unit

| Code | Description           | Net Price |
|------|-----------------------|-----------|
| T450 | JCC2-25E SPLIT SYSTEM | £ 899.00  |
| T452 | JCC2-40E              | 1149.00   |
| T454 | JCC2-50E              | 1369.00   |
| T456 | JCC2-60E              | 1539.00   |



### Cellar Cooling System Quick Selection:

**At following conditions:** Based on typical UK cellar construction. 32°C ambient (21°C for below ground); 12.7°C db / 10°C wb. Max product load of 16 l/m3 entering room at max temp of 21°C. Product cooling time 24hrs plant running time of 18hrs a day

#### Above Ground Cellar: Room Temperature 10°C Ambient 27°C

| Cellar Volume m³ | ft³ | Evaporator Unit | Condensing Unit | 230/1/50 HRC Fuse | Cooling Capacity kW |
|------------------|-----|-----------------|-----------------|-------------------|---------------------|
| 20               | 704 | JCC2-25E        | J5LC15C         | 10                | 1.68                |
| 45               |     | JCC2-40E        | J5LC20C         | 10                | 2.96                |
| 60               |     | JCC2-50E        | J5LC25C         | 10                | 3.96                |
| 72               |     | JCC2-60E        | J5LC28C         | 10                | 4.92                |

#### Below Ground Cellar: Room Temperature 10°C Ambient 21°C

| Cellar Volume m³ | ft³ | Evaporator Unit | Condensing Unit | 230/1/50 HRC Fuse | Cooling Capacity Kw |
|------------------|-----|-----------------|-----------------|-------------------|---------------------|
| 32               |     | JCC2-25E        | J5LC15C         | 10                | 1.68                |
| 65               |     | JCC2-40E        | J5LC20C         | 10                | 2.96                |
| 106              |     | JCC2-50E        | J5LC25C         | 16                | 3.7                 |
| 130              |     | JCC2-60E        | J5LC28C         | 16                | 4.92                |



## Thermostats & Programmers

| Code | Description                                                                                                     | Net Price |                                                                                     |
|------|-----------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|
| C215 | QEG1 Single Channel Timeswitch                                                                                  | £ 37.38   |  |
| C216 | QEG2 Twin Channel Programmer                                                                                    | 40.37     |                                                                                     |
| C232 | CH1 FEELING Digital Thermostat 1.5v AA LR6                                                                      | 9.54      |  |
| C200 | RS1 Volt Free Rom Stat (Combi) Temperature Control range 10°C to 30°C                                           |           |                                                                                     |
| C201 | PCS Pipe/Cylinder Stat                                                                                          | 10.32     |  |
| C202 | FSN Frost Stat                                                                                                  | 10.29     |                                                                                     |
| C230 | RF205 Duo Radio Frequency Thermostat<br>The RF205 RF Thermostat can be used as non-programmable or Programmable | 39.75     |  |
| C231 | Famoso RF601 Mechanical Radio Frequency Thermostat                                                              | 88.20     |                                                                                     |

## Compliance Pack Part L

| Code                                                                                                                     | Description            | Net Price |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------|------------------------|-----------|-------------------------------------------------------------------------------------|
| C235                                                                                                                     | Compliance Pack Part L | £ 74.75   |  |
| A complete pack containing a 22mm magnetic filter, 15mm electrolytic scale inhibitor, 500ml cleaner and 500ml inhibitor. |                        |           |                                                                                     |

## Thermostatic Radiator Valves

Fully reversible• For flow or return• Vertical or horizontal head• Range 8°C to 32°C  
• Easy fit to suit 10-15mm• Liquid sensor• Chrome plate body• Frost protection setting  
• Standard 1/2" tail• Maximum working pressure 10 bar

| Code | Description                                 | Net Price |                                                                                       |
|------|---------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| C209 | TRV2 10/15mm White/Chrome TRV               | £ 4.86    |  |
| C207 | TRV2 + Lockshield Pack 10/15mm White/Chrome | 7.85      |                                                                                       |
| C220 | TRV+ Lockshield Pack Straight Chrome        | 13.44     |                                                                                       |
| C221 | TRV+ Lockshield Pack Angled Chrome          | 12.85     |                                                                                       |
| C222 | TRV Chrome Angled                           | 10.12     |                                                                                       |

## Motorised Valves

Two port spring return valve with 22mm or 28mm-fittings and auxiliary switch (SPST) Mid-position spring return valve with 22mm or 28mm fittings and 3Amp auxiliary switch (SPST)  
• Switch rating 3Amp• Supply voltage 240V AC• Industry standard cable colours• Manual override lever

| Code | Description                    | Net Price |                                                                                       |
|------|--------------------------------|-----------|---------------------------------------------------------------------------------------|
| C203 | 2 Port Zone Valve 22mm         | £ 43.06   |  |
| C204 | 2 Port Zone Valve 28mm         | 48.97     |                                                                                       |
| C205 | 3 Port Mid Position Valve 22mm | 44.95     |                                                                                       |
| C206 | 3 Port Mid Position Valve 28mm | 49.75     |                                                                                       |

Like for like replacement with Honeywell Motorised Valves

## Central Heating Chemicals

Inhibitor, Universal Cleanser and Silencer • Suitable for all systems including aluminium  
• Non - acid, non caustic - safe to handle•0.5 litre treats up to 10 radiators (100 litres• Controls scale and maintains boiler efficiency

| Code | Type                                 | Net Price |                                                                                       |
|------|--------------------------------------|-----------|---------------------------------------------------------------------------------------|
| M044 | Triple x Central Heating Inhibitor   | £ 7.95    |  |
| M045 | Triple x Central Heating Cleaner     | 8.25      |                                                                                       |
| M046 | Triple x Central Heating Silencer    | 8.25      |                                                                                       |
| M041 | Triple x Central Heating Leak Sealer | 8.25      |                                                                                       |



We have the full range of Daikin Air Conditioning Units available to buy online at [www.daikinonline.co.uk](http://www.daikinonline.co.uk) or over the phone on 01752 894777.

Whether it's Daikin Wall Mounted Inverters, Ceiling Cassette Inverters, Ceiling Suspended Air Conditioning Units, Solar Thermal Panels or Floor Mounted Inverters and even a built in DC Ducted Smart / Classic Inverter, you have come to the right place. If you are looking for Daikin Spares, Parts or Accessories we can normally supply these on a next day delivery.

**Free Delivery on Daikin Spares & Equipment.**

Daikin Air Conditioning Inverters and parts are optimised for seasonal efficiency. Along with intuitive and user friendly controls our Daikin units adjust humidity, purify rooms, and channel in fresh air from outside to keep environments clean and in balance through removing harmful waste and exhaust fumes from the air.

**Daikin has a solution for all your needs:**

**Seasonal Smart:** Offers top seasonal efficiency.

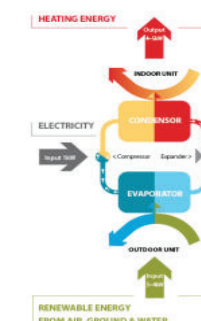
It meets the needs of projects requiring high flexibility such as longer piping lengths, a wider operating range or EDP applications. Efficiency and comfort can be further enhanced with selectable evaporating and condensing temperatures.

**Seasonal Classic:** Offers performance and an effective solution for most applications and are now suitable for Low Ambient

**Seasonal Inverter:** Offers an effective solution for budget applications



Inverter control optimises efficiency



R22 Replacement Technology





# CLIMATE CONTROLS & SPARES UK LTD

## C1 Partnership Scheme

Find out how to become one of our Prestigious “C1 Partners”  
[www.daikinonline.co.uk](http://www.daikinonline.co.uk)



The C1 partnership is available to our customers who want to work in Partnership and are committed to developing a mutually beneficial and rewarding business relationship. This scheme is available to our loyal customers who are committed to developing their Daikin equipment sales through Climate Controls and Spares UK Ltd.

## New for 2016 FTX-KV Wall Mounted Inverters

### Product features

- Discreet, stylish front panel blends easily with the wall, and matches all interior décors  
Online controller: control your indoor from any location with an app, via your local network or internet
- Dry programme allows humidity levels to be reduced without variations in room temperature
- Up to 2 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- Outdoor units for pair application

