

# REFRIGERANTS & CYLINDERS

## Refrigerants

| Airefrig Part Number | Applications   |
|----------------------|--|
| R123                 | Large Centrifugal Compressors  |
| R124                 | Predominantly found in high temp heat pump & crane cabin A/C applications  |
| R134a                | Medium Temperature Commercial Refrigeration<br>Domestic Refrigerators<br>Automotive Air Conditioning                     |
| R22                  | Commercial and Domestic Air Conditioning<br>Medium Temperature Refrigeration   |
| R404A                | Medium & Low Temperature Refrigeration   |
| R407C                | Replacement for R22 - Air Conditioning<br>New Systems - Not Retrofit   |
| R409A                | Substitute for R12 - no oil change required - Low & Medium Temperature Refrigeration                                     |
| R410A                | Replacement for R22 Air Conditioning - New Systems Only - Not Retrofit   |
| R417A                | ISCEON MO59 - R22 DX Stationary Air Conditioning<br>- R22 DX Medium Temperature Refrigeration                            |
| R422A                | ISCEON MO79 - R22 DX Medium & Low Temperature Refrigeration  |
| R422D                | ISCEON MO29 - R22 DX Water Chillers<br>- R22 DX Stationary Air Conditioning<br>- R22 DX Medium Temperature Refrigeration |
| R507                 | Medium & Low Temperature Refrigeration   |
| R508B                | Ultra low temperature applications   |
| R717                 | Large Industrial Refrigeration Systems   |
| SP34E                | Commercial & Domestic Refrigeration<br>Automotive Air Conditioning<br>Replacement for R12                                |

Note: Other refrigerants are available upon request.

# NITROGEN & CYLINDERS

## Nitrogen & Cylinders

| Airefrig Part Number | Description                            | Quantity (Litre WC) | List Price Excl GST |
|----------------------|--|---------------------|---------------------|
| 0728010              | GAS NITROGEN 10 LITRE WC PACK (D SIZE) | 10                  | P.O.A.              |
| 0728020              | GAS NITROGEN 20 LITRE WC PACK (E SIZE) | 20                  | P.O.A.              |

- Nitrogen cylinders are subject to a service fee – please contact your nearest Airefrig Australia branch for details.
- Nitrogen cylinders not returned to Airefrig Australia within an 18 month period will be invoiced as an outright cylinder sale.
- For further information regarding this service please contact your nearest Airefrig Australia branch.

# REFRIGERANTS & CYLINDERS

## PRE-FILLED REFRIGERANT CYLINDERS

| Airefrig Part Number     | Description                             | Quantity (Kg) | List Price Excl GST |
|--------------------------|---|---------------|---------------------|
| <b>Refrigerant R22</b>   |   |               |                     |
| 0220012                  | REFRIGERANT R22 12KG PACK               | 12            | P.O.A.              |
| 0220022                  | REFRIGERANT R22 22KG PACK               | 22            | P.O.A.              |
| 0220065                  | REFRIGERANT R22 65KG PACK               | 65            | P.O.A.              |
| 0220450                  | REFRIGERANT R22 450KG PACK              | 450           | P.O.A.              |
| <b>Refrigerant R404A</b> |   |               |                     |
| 0404010                  | REFRIGERANT R404A 10KG PACK             | 10            | P.O.A.              |
| 0404016                  | REFRIGERANT R404A 16KG PACK             | 16            | P.O.A.              |
| 0404050                  | REFRIGERANT R404A 50KG PACK             | 50            | P.O.A.              |
| <b>Refrigerant R507</b>  |   |               |                     |
| 0507010                  | REFRIGERANT R507 10KG PACK              | 10            | P.O.A.              |
| 0507016                  | REFRIGERANT R507 16KG PACK              | 16            | P.O.A.              |
| 0507055                  | REFRIGERANT R507 55KG PACK              | 55            | P.O.A.              |
| 0507400                  | REFRIGERANT R507 400KG PACK             | 400           | P.O.A.              |
| <b>Refrigerant R134A</b> |   |               |                     |
| 0134012                  | REFRIGERANT R134A 12KG PACK             | 12            | P.O.A.              |
| 0134022                  | REFRIGERANT R134A 22KG PACK             | 22            | P.O.A.              |
| 0134065                  | REFRIGERANT R134A 65KG PACK             | 65            | P.O.A.              |
| 0134450                  | REFRIGERANT R134A 450KG PACK            | 450           | P.O.A.              |
| <b>Refrigerant R410A</b> |   |               |                     |
| 0410010                  | REFRIGERANT R410A 10KG PACK             | 10            | P.O.A.              |
| 0410018                  | REFRIGERANT R410A 18KG PACK             | 18            | P.O.A.              |
| 0410060                  | REFRIGERANT R410A 60KG PACK             | 60            | P.O.A.              |
| <b>Refrigerant R407C</b> |   |               |                     |
| 0407011                  | REFRIGERANT R407C 11KG PACK             | 11            | P.O.A.              |
| 0407020                  | REFRIGERANT R407C 20KG PACK             | 20            | P.O.A.              |
| 0407065                  | REFRIGERANT R407C 65KG PACK             | 65            | P.O.A.              |
| <b>Refrigerant SP34E</b> |   |               |                     |
| 34E0012                  | REFRIGERANT SP34E 12KG PACK             | 12            | P.O.A.              |
| 34E0022                  | REFRIGERANT SP34E 22KG PACK             | 22            | P.O.A.              |
| 34E0065                  | REFRIGERANT SP34E 65KG PACK             | 65            | P.O.A.              |
| <b>Refrigerant R717</b>  |   |               |                     |
| 0717034                  | REFRIGERANT R717 AMMONIA 34KG PACK      | 34            | P.O.A.              |
| 0717056                  | REFRIGERANT R717 AMMONIA 56KG PACK      | 56            | P.O.A.              |
| 0717230                  | REFRIGERANT R717 AMMONIA 230KG PACK     | 230           | P.O.A.              |
| <b>Refrigerant R417A</b> |   |               |                     |
| 0417012                  | REFRIGERANT R417A (ISCEON 59) 12KG PACK | 12            | P.O.A.              |
| 0417019                  | REFRIGERANT R417A (ISCEON 59) 19KG PACK | 19            | P.O.A.              |
| <b>Refrigerant R124</b>  |   |               |                     |
| R12465KG                 | REFRIGERANT R124 65KG CYLINDER          | 65            | P.O.A.              |

- Other refrigerants are available upon request.
- Pre-filled cylinders are subject to a service fee – please contact your nearest Airefrig Australia branch for details.
- Pre-filled cylinders not returned to Airefrig Australia within an 18 month period will be invoiced as an outright cylinder sale.
- Pre-filled cylinders have a refill protection device to prevent backfill, tampering with this device and using pre-filled cylinders for reclaim purposes will result in a valve replacement & cleaning fee being charged.

# REFRIGERANTS & CYLINDERS

## NEW (empty) REFRIGERANT CYLINDERS & FILLING RATIO GUIDE

### New (empty) Refrigerant Cylinders & Filling Ratio Guide

| Airefrig Part Number | Water Capacity Litres | R22                              | R134a | R404A | R407C | R408A | R409A | R410A | R507 | List Price Excl GST |
|----------------------|-----------------------|----------------------------------|-------|-------|-------|-------|-------|-------|------|---------------------|
|                      |                       | Filling Ratio                    |       |       |       |       |       |       |      |                     |
|                      |                       | 1.03                             | 1.05  | 0.90  | 0.95  | 0.90  | 1.05  | 0.80  | 0.90 |                     |
|                      |                       | Maximum Refrigerant Capacity Kgs |       |       |       |       |       |       |      |                     |
| A4SM2085             | 12.5                  | 12.8                             | 13.1  | 11.2  | 11.8  | 11.2  | 13.1  | 10.0  | 11.2 | P.O.A.              |
| A4SM2086             | 21.6                  | 22.2                             | 22.6  | 19.4  | 20.5  | 19.4  | 22.6  | 17.2  | 19.4 | P.O.A.              |
| A4SM2079             | 70.0                  | 72.1                             | 73.5  | 63.0  | 66.5  | 63.0  | 73.5  | 56.0  | 63.0 | P.O.A.              |
| A4SM2254             | 108                   | 111.2                            | 113.4 | 97.2  | 102.6 | 97.2  | 113.4 | 86.4  | 97.2 | P.O.A.              |

Cylinders may be filled to a maximum net weight in accordance with the above table

## PUMPDOWN REFRIGERANT CYLINDERS

### Pumpdown Cylinders (Not for Reclaim Refrigerant)

| Airefrig Part Number | Description                                  | List Price Excl GST |
|----------------------|--|---------------------|
| MPD0000              | CYLINDER (NOM 20KG) FOR PUMPDOWN REFRIGERANT | P.O.A.              |
| LPD0000              | CYLINDER (NOM 60KG) FOR PUMPDOWN REFRIGERANT | P.O.A.              |

- Pumpdown cylinders are available to contractors who require empty & clean short term storage cylinders to decant refrigerant from systems to enable repairs etc to take place.
- Pumpdown cylinders are required to be returned within a 2 week period and must be completely empty.
- Pumpdown cylinders will incur a one off cylinder handling / cleaning charge & will also be subject to a service fee.
- Pumpdown cylinders are not to be used as reclaim cylinders.
- Pumpdown cylinders are 5.2mpa pressure rated - R410A compatible.
- For further information regarding this service please contact your nearest Airefrig Australia branch.

## RECLAIM REFRIGERANT CYLINDERS

### Reclaim Refrigerant Cylinders (Not for Pumpdown Refrigerant)

| Airefrig Part Number | Description                                 | List Price Excl GST |
|----------------------|---|---------------------|
| SRR0000              | CYLINDER (NOM 10KG) FOR RECLAIM REFRIGERANT | P.O.A.              |
| MRR0000              | CYLINDER (NOM 20KG) FOR RECLAIM REFRIGERANT | P.O.A.              |
| LRR0000              | CYLINDER (NOM 60KG) FOR RECLAIM REFRIGERANT | P.O.A.              |

- Reclaim cylinders are available upon request - Only SRR0000 nominal 10kg cylinder is 5.2mpa rated (suitable for R410A).
- Returned Reclaim cylinders must have more than 5.0kg of reclaim refrigerant nett fill.
- Reclaim cylinders are not to be used as Pumpdown cylinders.
- Reclaim cylinders are subject to a service fee.
- Reclaim cylinders not returned to Airefrig Australia within an 18 month period will be invoiced as an outright cylinder sale.
- For further information regarding this service please contact your nearest Airefrig Australia branch.