

NITROGEN & CYLINDERS

Nitrogen & Cylinders

Airefrig Part Number	Description	Cylinder Fill Quantity		Cylinder Water Capacity	List Price Excl GST
		Kg	M ³		
0728010	GAS NITROGEN PACK (D SIZE CYLINDER)	2.2	1.8	10 Litres	P.O.A.
0728020	GAS NITROGEN PACK (E SIZE CYLINDER)	4.4	3.6	20 Litres	
0728050	GAS NITROGEN PACK (G SIZE CYLINDER)	11.0	9.0	50 Litres	

- 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

Refrigerants

Airefrig Part Number	Applications
R123	Large Centrifugal Compressors. Interim replacement for R11 - requires careful retrofit procedure. (Availability – large scale reductions from 2005)
R236FA	Replacement for R124. Predominantly found in high temp heat pump & crane cabin A/C applications.
R134a	Medium Temperature Commercial Refrigeration ,Domestic Refrigerators & Automotive Air Conditioning. (Can replace R12 & R500 – but requires careful retro-fit procedures)
R22	Commercial and Domestic Air Conditioning Medium Temperature Refrigeration – occasional low temperature applications. (Availability – large scale reductions from 2005)
R404A	Medium & Low Temperature Refrigeration. (Can replace R502 & R408A – but requires careful retro-fit procedures)
R407C	For new large to medium air conditioning & some smaller applications - Not Retrofit
R407F	To replace R22 in low & medium temp commercial refrigeration. R407F is not a “drop in” replacement – existing mineral or alkylbenzene oils are not suitable – use POE’s only. May be used in new installations as a replacement for R-404A for supermarket applications. Converting existing R404A supermarket systems to R407F will reduce the carbon footprint & should see a reduction in power consumption.
R410A	For new large smaller residential type) air conditioning applications - Not Retrofit (requires high pressure components & service tools)
R438A	ISCEON MO99 - To retrofit most R22 Medium, Low Temp & Air Conditioning systems. (not suitable for flooded systems & centrifugal chillers)
R507	Medium & Low Temperature Refrigeration. (Can replace R502 & R408A – but requires careful retro-fit procedures)
R508B	Ultra low temperature applications.
R717	Ammonia - Large Industrial Refrigeration Systems.
R744	CO ² Carbon Dioxide – Specific Refrigeration Systems

Note: Other refrigerants are available upon request.

REFRIGERANTS & CYLINDERS

PRE-FILLED REFRIGERANT CYLINDERS

Airefrig Part Number	Description	Quantity (Kg)	List Price Excl GST
Refrigerant R22			
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.
Refrigerant R404A			
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.
Refrigerant R507			
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.
Refrigerant R134A			
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.
Refrigerant R410A			
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.
Refrigerant R407C			
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.
Refrigerant R407F			
0407010	REFRIGERANT R407F 10KG PACK	10	P.O.A.
0407016	REFRIGERANT R407F 16KG PACK	16	P.O.A.
0407050	REFRIGERANT R407F 50KG PACK	50	P.O.A.
Refrigerant R438A (ISCEON MO99)			
0438012	REFRIGERANT R438A 12KG PACK	12	P.O.A.
0438020	REFRIGERANT R438A 20KG PACK	20	P.O.A.
0438060	REFRIGERANT R438A 60KG PACK	60	P.O.A.
Refrigerant R717			
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.
Refrigerant R744 (CO² - Carbon Dioxide)			
0744020	REFRIGERANT R744 CO ² (for Liquid Charging)	13.3 ("E" size)	P.O.A.
V744020	REFRIGERANT R744 CO ² (for Vapour Charging)	13.3 ("E" size)	P.O.A.
0744050	REFRIGERANT R744 CO ² (for Liquid Charging)	33.3 ("G" size)	P.O.A.
V744050	REFRIGERANT R744 CO ² (for Vapour Charging)	33.3 ("G" size)	P.O.A.
Refrigerant R236FA (Replaces R124)			
R236FA66KGCYL	REFRIGERANT R236FA 66KG (cylinder inclusive)	66	P.O.A.
Refrigerant R290 (Refrigerant Grade Propane)			
MGC4009	REFRIGERANT M40 (R290) 9KG	9	P.O.A.
Refrigerant R600A (Refrigerant Grade isobutane)			
GCM1009	REFRIGERANT R600A 9.0KG	9	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	\$337.50
CRX400T	21.6	22.2	22.6	19.4	20.5	19.4	22.6	17.2	19.4	\$405.90
A4SM2079	70.0	72.1	73.5	63.0	66.5	63.0	73.5	56.0	63.0	\$937.50
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 (Guide Only)

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.
LPD0108	CYLINDER (NOM 108KG) 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 & are 5.2mpa pressure rated - R410A compatible.
- 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.