## **Replaceable Filter-Drier Cores/Blocks-**



#### Filter-Drier Blocks and Filter Cores

Alco suction filter cores (F-48) and desiccant blocks (D-48, UK-48, W-48, H-100) fit most competitive shell type filter-driers. These filter-drier blocks protect the compressor from soluble and solid contaminants. To ensure efficient clean-up results, they feature exceptional acid and wax removal capacities, plus superior moisture pickup.

#### Features

Alco

- Highest water capacity rating on the market today, thus keeping flow rates up together with filtration and system capacity to its optimum
- Exceptional acid capacities for normal system protection or to effectively clean-up following a compressor burnout
- Wax removal capabilities, if desired, for low temperature applications, or for complete clean-up following a compressor burnout (W Series)
- UK-48 Special Features:
  - A balance of high water/acid capacity (75% molecular sieve/25% activated alumina) to keep HFC/POE systems at optimum conditions
  - Perfect for new refrigerants, POE oils and retrofit guidelines
  - Desiccant blend protects POE additives
  - 20 micron filtration reduces sludge caused by POE oils
  - Complies with Copeland's recommendations for filter-driers on POE/HFC systems

Cat. No.	Part No.	Description	Filter Area cm <sup>2</sup>	Suits Nominal Shell Diam: mm	List Price \$ Exc. GST
169011	D-48	Standard Block			\$75.26
169013	UK-48	High Capacity POE Block	445	115	\$109.41
169002	H-100	High Capacity Block	710	150	\$241.28
169003	W-48	Burnout Block	445	445	\$137.37
169012	F-48	Suction Filter Core	677	115	\$112.00

			Water Capa	acity: Drops		
Deut No.	R1	34a	R	22	R404A	, R507
Part No.			Liquid Tem	perature: °C		
	24	52	24	52	24	52
D48	415	340	363	254	457	343
UK-48	1272	1168	1181	1072	1319	1241
H-100	1112	834	962	673	1199	839
W-48	387	294	335	226	417	289

#### **Refrigerant Recycling Filter-Drier Blocks**

Refrigerant Recycling Filter-Drier Blocks offer the ultimate in contaminant control for refrigerant recovery recycling machines that utilise demountable type drier shells fitted with the conventional 95mm diameter, 48 cubic inch desiccant assembly. These blocks provide 25% more desiccant volume than the conventional Model No. by having additional desiccant in the inside of the unit, while maintaining the same outside diameter and overall length. This affords a significant increase in water capacity, while maintaining the same high acid capacity.



				١	Nater Cap	acity: Droj	ps		Acid	
Cat. No.	o. Part No. Description		R1	34a	R	22	R404A	, R507	Capacity:	List Price \$ Exc. GST
				I	Liquid Tem	perature <sup>°</sup>	°C		mg	
169010	RH-48*	Recycling Block	1399	399 1001 877 653 962 753		35,450	\$173.49			

\*Caution: The recycling refrigerant filter-drier blocks should not be used in conventional air conditioning or refrigeration systems that require high refrigerant flow rates. Use in these systems will result in excessively high pressure drop through the filter-drier and possible system damage. \*\*Water capacities are based on an Equilibrium Point Dryness (EDP) of: 50 parts per million for R134a/R507 and R407C and 60 parts per million for R22



#### global brands - local service



Subject to change without notice



## **Filter Driers**-Alco



**EK Series - Liquid Line Filter-Driers** The EK Filter-Drier is designed to handle the toughest system protection requirements. It incorporates a specially formulated and blended desiccant package to meet the needs of POE oils hygroscopic properties.

#### Male Flare





Cat. No.	Part No.	Model No.	Flare Connection	Liqu	id Flow Capaci	ty: kW	List Price \$ Exc. GST
04.110.	Tarrito.	model No.		R134a	R22, R410A	R404A, R507	
171002	060009	EK032	1⁄4"	7	7.7	5.3	\$42.65
171006	060013	EK033	3⁄8"	10.6	11.3	7.4	\$42.68
171008	047601	EK052	1⁄4"	7.4	8.1	5.3	\$53.01
171010	047603	EK053	<sup>3</sup> ⁄8"	12.3	13.4	8.8	\$53.01
171014	047605	EK082	1⁄4"	8.1	8.8	6	\$68.90
171016	047607	EK083	<sup>3</sup> ⁄8"	14	15.1	10.2	\$68.90
171018	047609	EK084	1⁄2"	23.5	25.7	17.2	\$68.88
171020	047611	EK162	1⁄4"	8.1	8.4	5.6	\$81.38
171021	047613	EK163	<sup>3</sup> ⁄8"	13.7	15.1	10.2	\$81.38
171023	047615	EK164	1⁄2"	25.3	27.4	18.3	\$83.74
171025	047617	EK165	5⁄8"	34.1	36.9	24.6	\$95.30
171028	048210	EK303	<sup>3</sup> ⁄8"	15.1	16.5	10.9	\$154.09
171029	048212	EK304	1⁄2"	28.5	30.9	20.7	\$154.00
171031	048214	EK305	5⁄8"	37.3	40.4	27	\$154.00
171034	048668	EK306	3⁄4"	51.8	56	37.5	\$175.55
171041	048219	EK413	<sup>3</sup> ⁄8"	15.1	16.5	10.9	\$237.38
171036	048220	EK414	1⁄2"	36.5	39.7	26.4	\$237.44
171038	048222	EK415	5⁄8"	42.2	45.7	30.6	\$237.32
171035	065355	EK416	3⁄4"				\$237.39

#### Solder

Cat. No.	Part No.	Model No.	Solder Connection	Liqui	d Flow Capaci	ity: kW	List Price \$ Exc. GST
	Fartino.	would no.	Solder Connection	R134a	R22, R410A	R404A, R507	
171003	060012	EK032S	1⁄4"	9.5	10.2	6.7	\$42.68
171007	060014	EK033S	<sup>3</sup> ⁄8"	10.6	11.6	7.7	\$42.68
171009	047602	EK052S	1⁄4"	11.6	12.7	8.4	\$53.08
171011	047604	EK053S	<sup>3</sup> ⁄8"	15.5	16.9	11.3	\$53.08
171015	047606	EK082S	1⁄4"	10.9	12	8.1	\$68.90
171017	047608	EK083S	<sup>3</sup> ⁄8"	15.8	17.2	11.6	\$68.81
171013	047610	EK084S	1⁄2"	25	27	18.3	\$68.88
171019	047612	EK162S	1⁄4"	10.9	12	8.1	\$81.38
171022	047614	EK163S	<sup>3</sup> ⁄8"	15.5	16.9	11.2	\$81.38
171024	047616	EK164S	1⁄2"	30	32.3	21.8	\$83.74
171026	047618	EK165S	5⁄8"	35.5	38.3	25.7	\$95.28
171027	048211	EK303S	<sup>3</sup> ⁄8"	22.1	23.9	15.8	\$151.00
171030	048213	EK304S	1⁄2"	35.2	38	25.3	\$153.94
171032	048215	EK305S	5⁄8"	44	47.5	31.6	\$154.00
1710321	048216	EK306S	3⁄4"	52	56.3	37.6	\$175.51
171033	048217	EK307S	7⁄ <sub>8</sub> "	59	64	42.9	\$175.56
171037	048221	EK414S	1⁄2"	38	41.1	27.4	\$237.38
171039	048223	EK415S	5⁄8"	59.8	64.7	43.2	\$237.39
171040	048224	EK417S	7⁄8"	71	77	51.5	\$237.39
171042	048228	EK757S	7⁄8"	77.7	84.4	56.4	\$449.58
171044	048229	EK759S	1 <sup>1</sup> ⁄8"	114.5	123.9	83	\$449.53



#### global brands - local service







### - Filter Driers — Danfoss

#### **DML** Series

The DML liquid line filter driers protect refrigeration and air conditioning systems from moisture, acids and solid particles. The 100% solid molecular sieve core assures a high drying capacity and prevents acid formation in the system.

#### Features

- High drying capacity avoiding the risk of acid formation in the refrigeration system
- All Danfoss filter driers have end caps designed for greater protection and easy removal
- Wide range with sizes from 3 to 75 cubic inches
- Powder paint surface for 500 hrs in salt spray (shell body)

## Flare



Cot No	Dout No.	Model No.	Flare		Liquid Capaci	ity: kW	List Price \$
Cat. No.	Part No.	Model No.	Connection	R134a	R404A, R507	R22, R407C, R410A	Exc. GST
170020	023Z5035	DML032	1⁄4"	7	5	7	\$46.52
170022	023Z5036	DML033	3⁄8"	17	13	19	\$50.79
170024	023Z5037	DML052	1⁄4"	7	5	8	\$56.84
170026	023Z5038	DML053	3⁄8"	18	14	19	\$56.84
170028	023Z5039	DML082	1⁄4"	7	5	8	\$84.08
170030	023Z5040	DML083	3⁄8"	19	14	21	\$84.08
170032	023Z5041	DML084	1⁄2"	26	20	29	\$84.08
170034	023Z5042	DML162	1⁄4"	7	5	8	\$106.25
170036	023Z5043	DML163	3⁄8"	22	16	24	\$106.25
170038	023Z5044	DML164	1⁄2"	30	22	33	\$112.12
170040	023Z5045	DML165	<sup>5</sup> ⁄8"	43	30	47	\$119.52
170044	023Z0049	DML303	3⁄8"	21	15	23	\$212.49
170046	023Z0050	DML304	1⁄2"	31	22	34	\$212.49
170048	023Z0051	DML305	5⁄8"	45	33	49	\$212.49
170050	023Z0193	DML306	3⁄4"	62	45	68	\$240.53
170056	023Z0108	DML413	<sup>3</sup> ⁄8"				\$302.55
170058	023Z0109	DML414	1/2"	32	23	35	\$302.55
170060	023Z0110	DML415	5⁄8"	53	37	58	\$302.55

#### Solder

	Devi Na		Solder		Liquid Capa	acity: kW	List Price \$
Cat. No.	Part No.	Model No.	Connection	R134a	R404A, R507	R22, R407C, R410A	Exc. GST
170021	023Z5048	DML032S	1⁄4"	7	5	7	\$46.52
170023	023Z5050	DML033S	3⁄8"	17	13	19	\$50.79
170025	023Z5053	DML052S	1⁄4"	7	5	8	\$56.84
170027	023Z5054	DML053S	3⁄8"	18	14	19	\$56.84
170029	023Z5057	DML082S	1⁄4"	7	5	8	\$84.08
170031	023Z5058	DML083S	3⁄8"	19	14	21	\$84.08
170033	023Z5061	DML084S	1⁄2"	26	20	29	\$84.08
170035	023Z5063	DML162S	1⁄4"	7	5	8	\$106.25
170037	023Z5064	DML163S	3⁄8"	22	16	24	\$106.25
170039	023Z5067	DML164S	1⁄2"	30	22	33	\$112.12
170041	023Z5068	DML165S	5⁄8"	43	30	47	\$119.52
170047	023Z0068	DML304S	1⁄2"	31	22	34	\$212.49
170049	023Z0069	DML305S	5⁄8"	45	33	49	\$212.49
170051	023Z0070	DML306S	3⁄4"	62	45	68	\$240.53
170053	023Z0071	DML307S	7⁄8"	62	45	68	\$240.53

Liquid Capacity Conditions: ARI 710-86. -15C evaporating temperature, 30C condensing temperature and 7kPa pressure drop.



#### global brands - local service







## Filter Driers-Emerson

## BOK Series - Burnout Filter-Driers

The BOK Series liquid line filter-drier was designed for maximum effectiveness in the clean-up of systems following a severe burnout where maximum capacity for water and acids is essential.

								Nom	inal Syster	n Capacit	y: kW		
Cat. No.	Part No.	Conne	ctions	Liquid F	low Cap	acity: kW		g. Low Te rcial Inst	emp. & allations	A/C F F	List Price \$ Exc. GST		
		M. Flare	Solder	R134a	R22	R404A R507	R134a	R22	R404A R507	R134a	R22	R404A R507	EXC. 031
171060	BOK 082	1⁄4"		4.9	5.6	3.5	1.8	1.8	1.8	2.6	3.5	2.6	\$89.96
171061	BOK 83	<sup>3</sup> ⁄8"		13.7	14.8	9.8	4	3.5	3.5	7	7	7	\$89.96
171062	BOK 162	1⁄4"		4.9	5.6	3.5	4	5.3	2.6	3.5	5.3	3.5	\$119.60
171063	BOK 163	<sup>3</sup> ⁄8"		15.1	16.5	10.9		7			10.6	7	\$118.13
171073	BOK 163S		<sup>3</sup> ⁄8"	20.4	22.2	14.8		7		10.6	10.6	1	\$118.18
171064	BOK 164	1⁄2"		29.9	32.7	21.8	7		7	10.6		10.0	\$127.05
171074	BOK 164S		1⁄2"	35.9	39	26	1	10.6			17.6	10.6	\$127.05
171065	BOK 165	<sup>5</sup> ⁄8"		45.4	48.9	32.7		10.6		17.0	17.0	14	\$135.35
171075	BOK 165S		<sup>5</sup> ⁄8"	45.4	48.9	32.7				17.6		14	\$135.26
171068	BOK 305	5		47.5	51.3	34.5	14	17.6	17.6	26.4	26.4	17.6	\$227.92
171082	BOK 417S		7∕ <u>8</u> "	69.6	75.6	50.6	35	35	26.4	35	35	26.4	\$301.31

#### BFK Series Bi-Directional Liquid Line Heat Pump Filter-Drier Emerson BFK Series Bi-Directional Heat Pump Filter-Driers are designed to protect the system refrigerant from

Emerson BFK Series Bi-Directional Heat Pump Filter-Driers are designed to protect the system refrigerant from contamination in both heating and cooling cycles. The BFK design prevents contaminants collected in one direction from being flushed back out when the flow reverses.



Cat. No.	Part No.	Conne	ections	Liquid I	Flow Capa	acity kW		Capacity s: R22		Capacity R410A		Capacity R407C	List Price \$
Cal. NO.	Part NO.								Liquid Ter	nperature	>		Exc. GST
		M. Flare	Solder	R22	R410A	R407C	24°C	52°C	24°C	52°C	24°C	52°C	
171045	BFK 052	1⁄4"		5.6	5.6	5.6	73	66	39	35	58	42	\$130.96
171046	BFK 053	<sup>3</sup> ⁄8"		10.5	10.5	10.2	/3	00	39	30		42	\$132.54
171051	BFK 083	<sup>3</sup> ⁄8"		15.8	15.8	15.5							\$135.57
1710511	BFK 083S		<sup>3</sup> ⁄8"	17.9	17.9	17.6							\$135.57
171052	BFK 084	1⁄2"		22.5	22.5	22.2	159	144	85	75	106	79	\$138.87
171049	BFK 084S		<sup>1</sup> ⁄2"	23.6	23.6	23.2	159	144	00	/5	100	/9	\$138.87
171053	BFK 085	<sup>5</sup> ⁄8"		27.4	27.4	27.1							\$143.02
171050	BFK 085S		<sup>5</sup> ⁄8"	28.5	28.5	27.8							\$143.02
171054	BFK 163	<sup>3</sup> ⁄8"		16.2	16.2	15.8							\$150.24
171058	BFK 163S		<sup>3</sup> ⁄8"	18.3	18.3	17.9							\$150.24
171055	BFK 164	1⁄2"		27.1	27.1	26.7							\$159.72
171059	BFK 164S		<sup>1</sup> ⁄2"	28.5	28.5	27.8	323	294	179	160	237	179	\$159.72
171056	BFK 165	<sup>5</sup> ⁄8"		29.2	29.2	28.5							\$167.96
171057	BFK 165S		<sup>5</sup> ⁄8"	30.6	30.6	29.9							\$167.96
1710591	BFK 167S		7⁄8"	37.1	37.6	36.4							\$171.36
171085	BFK 303	<sup>3</sup> ⁄8"		20.1	20.1	19.9							\$223.01
171087	BFK 304	1⁄2"		26.6	26.6	26.3	505	500	445	000	450	045	\$234.56
171089	BFK 305	<sup>5</sup> ⁄8"		36.0	36.0	35.4	585	532	415	293	452	345	\$238.10
171048	BFK 307S		7 <sub>⁄8</sub> "	58.7	58.7	57.7							\$251.19



#### global brands - local service







#### **DMB Bi-Flow Series**

Bi-flow filter driers have built-in check valves which ensure that refrigerant liquid always flows through the filter driers from the outer side of the filter core towards the center. Thus all dirt particles are retained irrespective of flow direction. DMB filter driers ensure fast and effective adsorption of moisture as well as organic and inorganic acids.

#### Features

- No dirt released by reversing the flow direction
- The check valves are not sensitive to dirt and give minimum restriction, irrespective of flow direction
- When building heat pump systems, the use of bi-flow filters can save up to ten solder connections reducing the number of potential leak points

#### Solder



	Devit No		Osmussi		ty: kW	List Price \$	
Cat. No.	Part No.	Model No.	Connections	R134a	R404A, R507	R22, R407C, R410A	Exc. GST
170082	023Z1442	DMB083S	<sup>3</sup> ⁄8"	7.4	5.3	8.2	\$125.33
170083	023Z1441	DMB084S	1⁄2"	8.3	6	9.2	\$125.33
170084	023Z1446	DMB163S	3 <sub>⁄8</sub> "	18	13	20	\$176.29
170085	023Z1445	DMB164S	1⁄2"	28	20	32	\$176.29
170086	023Z1444	DMB165S	5⁄8"	37	29	40	\$176.29
170087	023Z1449	DMB304S	1⁄2"	28	20	31	\$272.84
170088	023Z1448	DMB305S	5⁄8"	38	28	42	\$272.84

Liquid Capacity Conditions: ARI 710-86. -15C evaporating temperature, 30C condensing temperature and 7kPa pressure drop.



global brands - local service







## Filter Driers-

### Emerson

#### CSFD Compact Suction Line Burnout Filter-Drier

The CSFD compact suction line filter-drier is used in applications where other driers won't fit. It is primarily used to remove contamination after a burnout and is designed for short lay-ins. It removes moisture, acid and contaminants and is suitable for CFC, HCFC and HFC refrigerants.

#### Features

- Competitive pricing with higher results
- Dual Access Valves
- High performance special desiccant blend, the CSFD range will filter contaminants down to 40 microns
- All solder connections are solid copper to ensure easy soldering and quick installation
- Maximum Operating Pressure: 1/2" to 7/8" 3447 kPa, 1 1/8" 2757 kPa



							Suc	tion L	ine Flo	w Ca	pacity	kW					
	DestNa	Solder		R13	34a				R22				R4	104,R5	07		List Price \$
Cat. No.	Part No.	Connection	nnection Evaporating Temperature: °C											Exc. GST			
			4	-7	-18	-29	4	-7	-18	-29	-40	4	-7	-18	-29	-40	
172030	CSFD14S4V V	1⁄2"	4.6	3.2	1.7	1.0	7.0	4.6	3.2	2.1	1.0	4.6	2.8	1.7	1.05	0.7	\$143.21
172031	CSFD14S5V V	<sup>5</sup> ⁄8"	8.1	5.3	3.1	1.7	12.7	8.4	5.6	3.5	1.7	9.1	5.9	3.9	2.46	1.0	\$143.19
172032	CSFD14S6V V	<sup>3</sup> ⁄4"	10.9	7.7	4.9	2.5	17.2	11.2	7.7	4.9	2.5	12.7	8.1	5.3	3.16	1.8	\$146.84
172033	CSFD14S7V V	7 <sub>⁄8"</sub>	11.6	7.7	4.9	2.5	18.3	11.9	8.1	5.3	2.8	12.7	8.1	5.3	3.16	1.8	\$150.32
172034	CSFD14S9V V	1 <sup>1</sup> ⁄8"	15.8	10.5	6.3	3.5	24.6	16.2	10.9	7.0	3.5	17.2	10.9	7.0	4.57	32.5	\$164.09

#### SFD Series – Suction Line Burnout Filter-Driers

SFD suction line filter-driers incorporate a protective filter, plus a desiccant specially blended for maximum moisture and acid removal. SFD Model are specially suited for system clean-up after a burnout, or when major work has been performed on the system.

#### Features

- Rugged steel shells for shock resistance
- Corrosion resistant epoxy powder paint finish
- Low pressure drop full flow fittings
- Filtration recommendation: 40 microns
- Dual access valves
- Solid copper fittings easy to solder in
- Maximum Operating Pressure: 2760 kPa



								Suc	tion L	ine Flo	w Caj	pacity	kW					
		Conne	otiono		R13	34a				R22				R4	04 <b>A,R</b>	507		
0-1-11-	David Nia	Conne	cuons					Ev	apora	ting Te	emper	ature:	°C					List Price \$ Exc. GST \$179.49 \$176.92 \$179.49 \$182.04 \$183.99 \$187.95 \$187.95
Cat. No.	Part No.			4	-7	-18	-23	4	-7	-18	-29	-40	4	-7	-18	-29	-40	Exc. GST
			Ostalau						Pre	ssure	Drop:	kPa						
		M.Flare	Solder	14	10	7	3	21	14	10	7	3	21	14	10	7	3	
172018	SFD 13F3-V V	<sup>3</sup> ⁄8"		2.5	1.4	0.7	0.4	4.9	2.8	1.4	0.7	0.4	4.6	2.5	1.4	0.7	0.4	\$179.49
172019	SFD 13S3-V V		<sup>3</sup> ⁄8"	4.6	2.8	1.8	0.7	7.7	4.6	2.8	1.8	0.7	6.7	3.9	2.5	1.4	0.7	\$176.92
172020	SFD 13F4-V V	1⁄2"		5.3	3.5	2.1	1.0	8.4	5.6	3.9	2.5	1.4	7.4	4.6	3.2	1.8	1.0	\$179.49
172021	SFD 13S4-V V		1⁄2"	8.1	5.3	3.5	1.8	12.3	8.1	5.6	3.5	2.1	10.6	6.7	4.6	2.8	1.4	\$179.49
172022	SFD 13F5-V V	<sup>5</sup> ⁄8"		8.8	6.0	3.9	2.1	13.0	8.4	5.6	3.5	2.1	11.3	7.0	4.9	3.2	1.8	\$182.04
172023	SFD 13S5-V V		<sup>5</sup> ⁄8"	10.9	7.4	4.6	2.5	17.2	11.3	7.7	4.9	2.8	14.8	9.5	6.3	3.9	2.1	\$183.99
172024	SFD 13S6-V V		<sup>3</sup> ⁄4"	14.4	9.5	6.0	3.2	22.5	14.8	9.8	6.3	3.5	19.7	12.3	8.1	4.9	2.5	\$187.95
1720241	SFD 13S7-V V		7⁄8"	15.5	10.6	6.7	3.5	25.3	16.2	10.6	6.7	3.5	22.2	13.7	9.1	5.3	2.8	\$187.95
172025	SFD 27S7-V V		7 <sub>⁄8</sub> "	16.5	10.9	6.7	3.5	26.4	16.9	11.3	7.0	3.9	22.9	14.4	9.5	5.6	2.8	\$187.95
172026	SFD 27S9-V V		1 <sup>1</sup> ⁄8"	18.3	12.0	7.0	3.5	29.9	19	12.3	7.4	3.9	26.4	16.2	10.6	6	3.2	\$188.10
172027	SFD 54S11-V V		1 <sup>3</sup> ⁄8"	15.8	10.2	6.0	3.2	25.7	16.2	10.6	6.3	3.5	22.5	13.7	8.8	5.3	2.5	\$427.32
172028	SFD 54S13-V V		1 <sup>5</sup> ⁄8"	16.2	10.6	6.3	3.2	26.0	16.5	11.3	7.0	3.5	22.9	14.1	9.1	5.6	2.8	\$445.00



All ratings in accordance with ARI Standard 730-86

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## Filter Driers -

EMERSON. Climate Technologies

### Emerson

AOFD Oil Filter-Drier





#### ASF Oil Filter / Suction Line Filter Cat. No. | Part No. | List Price \$ Exc. G

Cat. No.	Part No.	List Price \$ Exc. GST
172040	ASF 45F 3-VV	\$182.08

#### AOFD High Efficiency Take-Apart Oil Filter

		, , , , , , , , , , , , , , , , , , ,	
Cat. No.	Part No.	Description	List Price \$ Exc. GST
172045	AOF023S	3/8" Solder - Oil filter demountable	\$500.43
169020	FO23	AOF Oil filter cartridge	\$340.66

#### STDS Series - Drier Shells



	Shell Only		Filter-D	rier Blocks	List Price \$
Cat. No.	Part No.	Solder Connection	No. and Size of Blocks Reqd.	<b>Desiccant Volume Cubic Inches</b>	Exc. GST
172130	STAS487TSS	7⁄8"			\$446.76
172131	STAS489TSS	1 <sup>1</sup> ⁄8"			\$446.70
172132	STAS4811TSS	1 <sup>3</sup> ⁄8"	1 x 48	48	\$446.70
172133	STAS4813TSS	1 <sup>5</sup> ⁄8"			\$446.70
172134	STAS4817TSS	2 <b>1⁄8</b> "			\$446.70
172135	STAS967TSS	7⁄8"	2 x 48	96	\$538.09
172136	STAS969TSS	1 <sup>1</sup> ⁄8"			\$538.02
172137	STAS9611TSS	1 <sup>3</sup> ⁄8"			\$538.04
172138	STAS9613TSS	1 <sup>5</sup> ⁄8"			\$538.04
172139	STAS9617TSS	2 <b>1⁄8</b> "			\$538.04
172140	STAS1449TSS	1 <sup>1</sup> ⁄8"			\$666.45
172141	STAS14411TSS	1 <sup>3</sup> ⁄8"	010		\$666.45
172142	STAS14413TSS	1 <sup>5</sup> ⁄8"	3 x 48	144	\$666.46
172143	STAS14417TSS	2 <b>1⁄8</b> "			\$666.46
172144	STAS19211TSS	1 <sup>3</sup> ⁄8"			\$769.02
172145	STAS19213TSS	1 <sup>5</sup> ⁄8"	4 x 48	192	\$778.49
172146	STAS19217TSS	2 <b>1⁄8</b> "			\$768.96

Note: Filter-drier blocks or filter cores are not included with above demountable drier shells. These must be ordered separately.

172150 0.61715 Demountable Drier Bracket \$56.71	Cat. No.	Part No.	Description	List Price \$ Exc. GST
	172150	061715	Demountable Drier Bracket	\$56.71

#### Internal Assemblies

11101110171000								
Cat. No.	Model No.	Part No.	Description	List Price \$ Exc. GST				
172151	X-27548-1	060274		1 Core	\$201.03			
172152	X-27548-2	060275	Replacement Internal Assembly	2 Core	\$203.70			
172153	X-27548-3	060276	Suits STAS Shells	3 Core	\$204.93			
172154	X-27548-4	060277		4 Core	\$219.42			



#### **Refco** Copper Spun Filter-Driers

oopper									
Cat. No.	Part No.	Capacity:	Conne	ections	Body Di	m.: mm	<b>Overall Length:</b>	Tails	List Price \$
Cal. NO.	Fait NO.	Grams	Inlet Outlet Diameter Length	mm		Exc. GST			
180148	SF2-15-2.5X6.5	15		Capillary	19	141		N	\$12.81
180156	SF2-30-6.5X6.5	30		1⁄4"	24	140	-	N	\$20.26
180160	STU-10	10	1⁄4"	1/4-3/16"	19	105	225		\$29.19
180162	STU-15	15		74-716	19	125	250	Y	\$33.06
180166	STU-30	30		1/4-3/16"	24	142	235		\$41.28



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## Oil Test Kits -



## Alco



#### Acid Alert - Refrigeration Oil Acid Test Kit

Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
184042	804166	AOK-U01	Universal Acid Oil Test Kit	\$90.47



## **Refrigeration Technologies**

#### Checkmate

The Checkmate method is an accurate and easy field test for a quick and accurate determination of contaminant levels in oil and refrigerant.



#### Kits

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184360	RT700K	Checkmate Contamination Detector Kit	\$662.60

#### Detector Tubes



Cat. No.	Part No.         Description		Application	Quantity per Pack	List Price \$ Exc. GST
184361	RT750A	Checkmate Detector Tubes	Acid	3	\$114.15
184362	RT751M	Checkmate Detector Tubes	Moisture	3	\$114.15
184363	RT752C	Checkmate Detector Tubes	Oil	3	\$114.15

## Virginia

#### TKO - Refrigeration Oil Acid Test Kit For Mineral and Alkybenzene Oils

Fastest way of telling whether compressor oil is safe or acidic using one bottle. Fill with oil up to line on bottle neck and shake, purple is safe, yellow is acidic.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184039	ТКО	Mineral Oil Acid Test Kit	\$44.45

#### ETK - Refrigeration Oil Acid Test Kit For Polyol ester Oils

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One bottle test is the faster way of determining if compressor lubricant is safe or acidic. Fill bottle to line with lubricant and shake. Colour change indicates safe, marginal or unsafe.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184059	ETK	Polyester Oil Acid Test Kit	\$55.54



## Wear Check

#### Oil Sample Kit

Wear Check is a sophisticated, rapid oil analysis, which has been developed to diagnose possible equipment problems before potentially serious damage occurs. Spectrographic analysis is used to determine lubricant contamination and equipment wear and a variety of tests are used to determine the condition of the oil and indicate mechanical faults. The results of analysis are evaluated and a detailed report is provided to the customer.

As the kits may be used for any type of lubricant, the sample details are needed to identify the type of oil and thus the set of tests which should be performed. Samples should be returned through the mail using the pre-paid, pre-addressed mailers.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184057	RCKIT	Oil Sample Kit with Stick On Labels	\$201.45

Each Kit comprises of:

- Plastic sample container (100 ml capacity)
- Plastic cylindrical mailer

• Self-adhesive pre-addressed label

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Sample submission form



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## Service Aids -



## Watsco

Silica-Gel

Cat. No.	Part No.	Mesh	Container Size	List Price \$ Exc. GST
183010	540	8-20	680 grams	\$111.26

#### HIGHSIDE **Highside**

#### Thawzone Liquid Dehydrant

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
183030	17004	113 grams	\$51.65

#### Acid Neutralizer

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
183031	18004	118 ml	\$131.86

#### Trace Internal Leak Detector

**Refrigeration Technologies** 

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
183037	20004	113 grams	\$60.47

## REFRIGERATION



Viper Starter Kit							
Cat. No.	Part No.	Description	Kit Contents	List Price \$ Exc. GST			
184395	RT300K	Viper Coil Cleaning Starter Kit	1 x Viper Foam Gun 1 x Viper Brite 3.78 Litres 1 x Viper HD 3.78 Litres 1 x Viper E+ 3.78 Litres 1 x Remote Sprayer	\$570.74			



#### Viper Coil Cleaner

Viper is a food grade, potent degreasing aerosol that does not contain any hazardous ingredients or give off toxic fumes.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184408	RT375A	532 ml	\$64.06

#### Viper E+ Evaporator Cleaner

Viper E+ is a food grade, non-rinsing evaporator coil cleaner utilizing slow release enzymes in a synthetic detergent base.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184405	RT350G	3.78 Litres	\$108.87
184370	RT3505	Remote Sprayer	\$19.39

#### Viper Brite Coil Cleaning System

The Viper Brite system provides a concentrated foaming alkaline solution along with a range of application accessories.

Cat. No.	Part No.	Description	Container Size	List Price \$ Exc. GST
184401	RT300G	Viper Bite Cleaner	3.78 Litres	\$124.03
184402	RT300S	Viper Foam Gun	-	\$325.40
184403	RT301X	Viper Flex Wand	-	\$118.57
184404	RT302F	Viper Foam Funnel	-	\$151.18

#### Viper HD Detergent Cleaner

Viper HD is a food grade, concentrated, biodegradable cleaner.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184396	RT390G	3.78 Litres	\$105.79

#### Viper Eco Solv Industrial Solvent

An industrial solvent, Viper Eco Solv is both food grade and biodegradable.

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Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184398	RT380G	3.78 Litres	\$136.31



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## **Service Aids** -



## **Refrigeration Technologies**

#### Clean & Clear Condensate Pan and Drain Treatment

Clean & Clear is food grade and contains enzyme detergents in a viscous silicone gel.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184392	RT800S	946 ml	\$62.24

#### Nylog

Nylog can be used as a sealant to prevent gas leakage and will never harden or dry.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184406	RT200R	30 ml	\$36.14
184407	RT200B	30 ml	\$40.36

#### Easy Rider Silicone Lubricant

Easy Rider is a food grade, silicone based lubricant that provides superior lubrication over a wide temperature range.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184380	RT630A	500 grams	\$52.40

#### Viper Ice Machine Cleaner

Cat. No.	Part No.	Description	Container Size	List Price \$ Exc. GST
184373	RT500N	Nickel Safe Ice Machine	473 ml	\$37.96
184374	RT500G	Cleaner	3.78 Litres	\$236.37

#### **Black Jack Anti-Seize**

Black Jack is an extreme duty anti-seize lubricant. Treated surfaces remain free working and easy to assemble.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184382	RT900B	230 grams	\$88.02

#### Silicone Grease

Silicon Grease is a Food Grade lubricant which is ideal for food equipment. Use where petroleum oils are inadequate or not desirable.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184384	RT910T	85 grams	\$68.19

#### Full Pull Belt Dressing

Full Pull is a rubber conditioning compound that does not contain solvent and vastly improves belt traction and flexibility.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184386	RT610A	480 grams	\$67.16

#### Big Blu & Super Blu Gas and Air Leak Detector

Big Blu & Super Blu are strong and persistent film forming liquids that have excelled in the field identification of gas leaks.

Cat. No.	Part No.	Description	Temperature Range: °C	Leak Rate Sensitivity: g/year	Container Size	List Price \$ Exc. GST
184409	RT100S	Big Blu Spray On	+1.7 to +80	23	985 ml	\$41.76
184379	RT175B	Big Blu Brush On	-18 to +85	22	230 ml	\$36.04
184378	RT100G	Big Blu Bottle	+1.7 to +80	23	3.78 Litres	\$151.81
184377	RT150S	Super Blu Spray On	-34 to +95	23	985 ml	\$63.49

#### A+ Electrical contact solvent cleaner

A+ is a fast acting cleaner for improving the electrical efficiency of switches, relays, variable resistors, and open field contractors.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184375	RT620A	675 grams	\$110.60

#### Defender Coil Coat

Defender is tough, long lasting epoxy coating to protect coils and other metal surfaces.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184376	RT640A	432 grams	\$135.97



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## Service Aids —



## Clenair

#### **Odour Neutralisers**

Clenair's unique neutralising formula removes odours caused by mould, mildew, bacteria, pets, cigarette smoke, water damage, fire damage etc. quickly and permanently. Use in A/C units, rooftop units, fan coil units, mini splits, and air handlers. Simply place near the source of the odour or in the return duct of the central air system.



#### Gel Tubs

Cat. No.	Part No.	Description	Туре	List Price \$ Exc. GST
184501	CA1500		Neutral	\$38.68
184502	CA1300	Odour Neutraliser Gel 227gram	Orange	\$38.68
184503	CA1800		Cherry	\$38.68

#### Odour Blocks

Cat. No.	Part No.	Description	Size	List Price \$ Exc. GST
184505	CA1502	Oder v Nertrelie er Die els	900 g	\$105.30
184506	CA1015	Odour Neutraliser Block	2.9 kg	\$279.62



#### Deodourising Liquid Spray

Clenair's liquid formula is a fast acting deodourising product. It eliminates odours via an oxidation process while leaving a fresh scent. The HVAC&R applications include evaporator coils, duct work & condensate pans. It can also be used in drains, garbage disposals and in rubbish bins. Spray in restrooms, locker rooms and on fouled carpeting & upholstery. Very affective in hospitals, nursing homes etc. A perfect product for HVAC&R technicians & is available in unscented, citrus scent and cherry scents.

Cat. No.	Part No.	Description	Туре	List Price \$ Exc. GST
184508	CA1600D		Unscented	\$49.18
184509	CA1700D	Deodourising Liquid Spray 473ml	Citrus	\$50.65
184510	CA1900D		Cherry	\$50.65



#### Cleaners

Spray Nine is a multipurpose surface cleaner & disinfectant/degreaser. It will tackle tough soils on your worst cleaning jobs and contains a US EPA registered disinfectant that kills harmful germs like HIV-1, Influenza, H1N1, Staphylococcus Aureus, Salmonella, Choleraesuis & E. Coli in just 45 seconds. Also helps prevent cross contamination.

Cat. No.	Part No.	Description	Size	List Price \$ Exc. GST
184512	CA26832	Spray Nine Cleaner & Disinfectant	900 ml	\$47.32



#### Pan Treatment

PurCool tablets are a powerful condensate drain pan treatment product to eliminate and prevent slime, sludge, and other build-up in air conditioning condensate drain pans. PurCool tablets will clean the drain pan and drain lines of slime and sludge and keep condensate drain pans flowing freely. PurCool tablets will also prevent condensate drain pan overflows and the costly damage to ceilings and floors caused by these overflows. Use PurCool tablets on a regular basis to prevent buildup and sludge in A/C drain pans, condensate pumps, and humidifiers. For professional use only.

Cat. No.	Part No.	Description	Size	List Price \$ Exc. GST
184514	CAPC200	PurCool Pan Treatment Tablets	400 grams	\$109.87



#### Condensate Drain Clog Repair Kit

Condensate drain pan overflows are a very common and costly service problem. Overflows are caused by slime and sludge that builds up and clogs the drain line. The Drain Sucker quickly removes the clog and the excess water, resolving the overflow problem.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184516	CADS1	Condensate Drain Sucker Kit	\$136.21

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# Service Aids –



## Clenair

**Clenhands Hand Cleaner** 

Cat. No.	at. No. Part No. Description		Container Size	List Price \$ Exc. GST
184520	CA2215	Clenhands Orange Crush Hand Cleaner	425ml	\$24.08

## Dyna Wipes

Hand Cleaner Towels

ERG Anti Bacterial Spray

Part No.

1601620

Cat. No.	Part No.	Description	Contents	List Price \$ Exc. GST
184524	RT600S	Dyna Wipes Hand Cleaner Towels	80 towels	\$76.48

List Price \$

Exc. GST

\$43.83



## Extol

Cat. No.

184099



## Hills

Pressure Spray Bottle

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184300	FH220872	Press. sprayer 2 Litres	\$20.12

**Container Size** 

200 grams



## Jayair

Sprav Oil

Cat. No. Part No.		Container Size	
184089	OG6012	300 ml	\$43.80

#### watsco

## Watsco



#### Zoom Spout Oiler

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184168	DO 1	118 ml	\$11.50

## **Sterile-Air**

#### Ice Machine Cleaner

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184178	IMC-1	1 Litre	\$25.81
184179	IMC-4	4 Litres	\$81.27
184181	IMC-200	200 Litres	\$2,600.44

#### Clean Air Home & Office

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184197	CA	250gm	\$75.35

#### Fresh Air Sponge

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184186	FAS-1	500 ml	\$43.36
184187	FAS-4	2 Litres	\$173.35

#### Coil and Filter Cleaner (Alkali)

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184205	AK-1	1 Litre	\$41.04
184190	AK-4	4 Litres	\$83.35

#### Coil Cleaner (Acid)

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184204	AB-1	1 Litre	\$38.96
184191	AB-4	4 Litres	\$81.27

#### Grease Away

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184198	GA-4	4 Litres	\$81.27

#### Easy Dose Cartridges

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184199	EDC-M	Mini	\$18.31
184200	EDC-L	Large	\$83.84



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	Serv	<b>/ice</b>	Aids –						
HydroChem	Hydr	o-Ch	em						
	Clean-I	ce - Ice	Machine C	Cleaner	-	Coilox	- Coil (	Cleaning D	etergent
Crean for	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST	E taba P	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
	184415	Clean-Ice	1 Litre	\$40.67	- 4550 =	184410	Coilox	5 Litres	\$135.58
-	Coilklee	en -				4X - Co	oil Clea	ner Conce	entrate
-	Deterge	ent Coil	Cleaner (A	cidic)	-	(Alkalir	ne)		
	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST	4x	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
	184411	Coilkleen	5 Litres	\$122.05	4X Harment	184412	4X	1 Litre	\$61.03
	Fin Sav	ver -				Sta-Cle	ean -		
	Air Coc	led Cor	ndenser Pro	otectant	3	Bacter	ial Con	trol Agent	
- Insawn	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST		Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
	184413	Fin Saver	510grm Aerosol	\$67.80		184419	Sta-Clean	1 Litre	\$67.80
	Wanda	Wash -							
4	Multi Pu	urpose (	Concentrate	d Deterge	nt	No Mo	re Grea	ase - Degr	easer
Wands	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST	1 1.00 P	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
	184422	Wanda-Wash	1 Litre	\$40.67		184414	No More Grease	5 Litres	\$71.21
	Virgi	nia K	MP						
-	Blast-A				*	Therma	al Blocl	< Heat Pas	ste
Va	Cat. No.		Part No.	List Price \$	34.3	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
	184080		BAC- 20	Exc. GST \$56.01		184081	TB11	11 oz	\$54.88
		I		I	-		_		
CRC	CRC					Freeze	Spray	75	
	Zinc-It			· · · · ·	FREEZE WITH AT	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST		184105	2039	300 grams	\$71.45
	184103	2085	350 grams	\$50.37	mox	Inox			
LA·CO°	La-C	O			THE SUPREME LUDITICANT	Lubrica	ant		
2	Cool G	el Heat	Dissipating	Spray	mon	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
A	Cat. No.	Part No.	Container Size	List Price \$ Exc. GST		184090	lnox	300 grams	\$31.48



Alkaline)							
Cat. No.	Part No.	Container Size	List Price \$ Exc. GST				
184412	4X	1 Litre	\$61.03				

### Agent

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184419	Sta-Clean	1 Litre	\$67.80

## - Degreaser

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184414	No More Grease	5 Litres	\$71.21

### leat Paste

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184081	TB11	11 oz	\$54.88

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184105	2039	300 grams	\$71.45

LUDIICa	a111		
Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184090	lnox	300 grams	\$31.48

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Cool Gel

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184079

184077



\$95.17

\$57.81

947 ml

473 ml



## Service Aids

#### 

#### Flushing Agents



Cat. No.	Part No.	Description	High Flushing Pressure	Flammable	List Price \$ Exc. GST
184601	TR1009.M0	Belnet Fast Flushing Agent. 600ml Aerosol, c/w Rubber Cone	0.0 hav		\$99.76
184602	TR1009.M1	Belnet Fast Flushing Agent. 600ml Aerosol, c/w Threaded Connection	8-9 bar	Yes	\$96.04
184603	RP1048.01	Flushing Gun Kit for Threaded Aerosol. Comes with Hose, Gun and Adaptor		N/A	\$203.18
	TR1009.01	Belnet Flushing Fluid for Air Drawn Application. 1L can			P.O.A
	TR1055.01	Belnet Flushing Fluid for Air Drawn Application. 5L can	N1/A	Yes	P.O.A
	TR1125.K	Super Flush Flushing Fluid for Electric Drawn Application (Non Flammable). 1L can	- N/A	Nie	P.O.A
	TR1125.P	Super Flush Flushing Fluid for Electric Drawn Application (Non Flammable). 5L can		No	P.O.A
	RP1027.01	Flushing Bottle and Gun. 1L with 60cm Hose, Ball Valve and Gun		N/A	P.O.A



#### Extreme Leak Stop

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184604	TR1062.R.J5	Extreme Leak Stop with 42ml Cartridge. Polymer free. Comes with Flexible One Way 60mm Hose Adaptors $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE	5.5 bar	No	\$188.42
	TR1062.L6.J9	Extreme Leak Stop with 6 × 12ml Cartidges. Polymer free			P.O.A



#### Super Dry Dehydrator

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184605	TR1132.R.J5	Super Dry Dehydrator with 42ml Cartridge. Methanol free. Comes with Flexible One Way 60mm Hose Adaptors 1/4" & 5/16" SAE	5.5 bar	Yes	\$88.65



#### No Acid Neutraliser

TUN

Italia

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184606	TR1124.R.J5	No Acid Neutraliser with 42ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors <sup>1</sup> /4" & <sup>5</sup> /16" SAE	5.5 bar	No	\$110.82

#### Cool Shot Performance Enhancer

Cat. I	o. Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
1846	7 TR1122.R.J5	Cool Shot Performance Enhancer with 42ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors <sup>1</sup> /4" & <sup>5</sup> /16" SAE	5.5 bar	No	\$144.09

### SAFE, SIMPLE & EFFECTIVE



# AIR CONDITIONING & REFRIGERATION CHEMICAL SOLUTIONS

#### Injectable/additives

- Leak stop
- Fluorescent dyes
- Anti moisture
- Acid neutraliser
- De-icing additive
- Performance enhancer
- Accurate oil & acid test kits
- Leak detection kits
- Pressurised flushing fluids



100% SYSTEM SAFE



## Service Aids —

Ice Free De-Icing Additive

#### ELLECOW



## Ca

**Errecom** 

at. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
	TR1123.R.J5	Ice Free De-Icing Additive with 42ml Cartridge. Methanol free. Comes with Flexible One Way 60mm Hose Adaptors <sup>1</sup> /4" & <sup>5</sup> /16" SAE	5.5 bar	No	P.O.A

#### Leak Dyes and Foam

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184610	TR1068.E.J5	Brilliant UV Yellow Dye. 60ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors <sup>1</sup> /4" & <sup>5</sup> /16" SAE	mes with Flexible One & 5/16" SAE		\$84.98
184608	TR1133.E.J5	Trace Brilliant Dye in bright red dye. 60ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors <sup>1</sup> /4" & <sup>5</sup> /16" SAE	5.5 bar	No	\$81.28
184609	TR1134.E.J9	Mineral Trace Brilliant Bright Red Dye. 60ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors <sup>1</sup> /4" & <sup>5</sup> /16" SAE			\$64.66
	TR1112.01	Flourescent Foam Leak Spray and Dye. 400ml Trigger Pack Working Temperature is -50 to 95°C			P.O.A
184611	TR1108.01	Brilliant Dye Remover. 400ml Trigger Pack	] N/A		\$72.04
184612	TR1109.01	Brilliant Dye Remover. 100ml Trigger Pack			\$44.32



#### Leak Detection Kits

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184615	RK1235.R1	Easy Leak Detection Kit c/w 250ml Self Measure Bottle, Refillable Injector, Stickers, <sup>1</sup> /4" & <sup>5</sup> /16" SAE Adaptors, 9 LED UV Torch & Safety Goggles	N/A	N/A	\$450.67

#### **Oil & Acid Detection Kits**

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184616	RK1349	Accurate Acid Test Kit 4 Per Unit. Works with all Lubricants and Provides Contamination Levels	N/A	N/A	\$103.43
184617	RK1055	Accurate Oil Test Kit 2 Per Unit. Quick, Easy and Accurate Identification of POE, ABZ or Mineral Oil	N/A	N/A	\$103.44



#### **UV** Torches

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at. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
184613	RK1294	Adjustable Aluminium Focus Bright Torch with Safety Goggles 100% UV Protection	N/A	N/A	\$173.64
	RK1267	5 UV LED Aluminium Bright Torch with Flexible Head and Safety Goggles 100% UV Protection	N/A	N/A	P.O.A



#### Sanitising Tablets

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable	List Price \$ Exc. GST
	AB1064.01	Sanitising Tablets for Split and Fan Coils Collection Trays.	N/A	N/A	P.O.A



#### Accessories

Subject to change without notice

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184614	IN1028.01	Booster - Mechanical Ampifier Allows Introduction of Additive when System Pressure is Over 5.5 bar and Below 9 bar	\$125.60
	RK1228	Proflex Metal Adaptors with One Way Valve. Length is 120mm <sup>1</sup> /4" & <sup>5</sup> /16" SAE	P.O.A
	IN2016.R1	By Pass Valve for Gauge Connection and Same Time Injection. <sup>1</sup> /4" SAE Shut Off Valve, <sup>5</sup> /16" SAE Shut Off Valve for R410A	P.O.A



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## Service Aids — Cliplight

#### Super Seal

The Super Seal range of sealant kits are designed to repair "micro" leaks in refrigeration and air conditioning systems quickly and easily. The kits are supplied complete as a one-time use can.

#### Features

- Ideal for hard to find leaks
- Seals multiple leaks
- Compatible with most oils and refrigerants Detailed application instructions are included with each kit

Description

Super Seal ACR Sealant Kit

Description

Super Seal HVACR Sealant Kit

Super Seal ACR is for use in residential refrigerators / freezers and air conditioners. Includes disposable connector hose and service label. For use in systems with a minimum refrigerant charge of 54g and up to 1.82kg and containing a minimum 284ml oil charge.

Super Seal ACR

Super Seal HVACR

Cat. No.

184066

Cat. No.

184067

100	
ACR	10,00
8	-
	ACR









Super Sear									
Cat. No.	Part No.	Description	List Price \$ Exc. GST						
184068	948KIT	Super Seal Commercial Sealant Kit	\$284.56						

Super Seal Premium, seals leaks in mobile R134a and R12

Part No.

947KIT

Part No.

944KIT

Cat. No.	Part No.	Description	
184069	946KIT	Super Seal Premium Sealant Kit	\$202.11

#### Super Seal Total

The Super Seal Total range includes all the features of the Super Seal range, along with a UV tracer dye and Dry R drying agent in the one can. Includes disposable connector hose and service label.

Cat. No.	at. No. Part No. Description Application Guide		Application Guide	List Price \$ Exc. GST
184074	971KIT	Super Seal Total 1 Kit	67W to 5.3kW - one can	\$201.57
184075	972KIT	Super Seal Total 2 Kit	5.3kW to 17.6kW - one can 17.6kW & up - two cans	\$287.56

#### Flash UV Dye

Flash is an easy to use universal UV dye for refrigeration & air conditioning systems & is compatible with all common refrigerants & oils including R410A. Flash is injected into a system using the same method as Super Seal, using the systems refrigerant as a propellant, while holding the can upside down. Flash UV dye needs no dye injection tools and is the cleanest, "no mess" way to add UV dye to a system. Each can treats up to 1.8l of system oil.

#### Features

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- Complete kit
- Clean "no mess" installation
- No dve injector needed

Cat. No.	. No. Part No. Description		Application Guide	List Price \$ Exc. GST	
184073	9802KIT	Flash UV Dye Kit	67W to 17.6kW - one can	\$98.25	

Kit Contents: 2 x cans of Flash UV dye, 1 x reusable hose



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List Price \$ Exc. GST

\$198.61

List Price \$ Exc. GST

\$284.56

Service Aids -



## Cliplight

#### Dry R

The active ingredient in Dry R reacts with water to produce stable products that are soluble in alkybenzene, mineral, polyolester oils used in refrigeration systems, in essence, eliminating moisture from the system. No particulates, gels or polymers are formed. Includes disposable connector hose and service label.

Į	Cat. No.	Part No.	Description	Application Guide	List Price \$ Exc. GST
	184076	973KIT	Dry R Kit	67W to 17.8kW - one can 17.8kW & up - two cans	\$156.43

#### Accessories

1								
	Cat. No. Part No. Description		List Price \$ Exc. GST					
	184065	20128	Super Seal R410A Adaptor	\$16.31				



## Propipe

#### System Identification Labels

The Propipe System Indentification Label Kit contains 3 sizes of stickers with segments to record key system information such as the refrigerant and oil type.

The different sticker sizes have been designed to fit in key locations such as near the TX valve and on the condensing unit.

#### **Kit Contents**

- 3 sizes of stickers:
  - 10 x small 35mm wide x 25mm high
  - 10 x medium 75mm wide x 50mm high
  - 5 x large 100mm wide x 75mm high
- Permanent marker

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349006	RLKA	System Identification Label Kit	\$40.65

# CAN'T FIND THE LEAK? USE SUPER SEAL

cliplight.com



- SUPER SEAL TOTAL™ WITH DRY R™ & FLASH™ FIX & FIND LEAKS & BOOSTS PERFORMANCE
- SUPER SEAL ADVANCED<sup>m</sup> with dry R<sup>m</sup> Fix leaks & Boosts Performance
- SUPER CHANGE<sup>m</sup> SYSTEM RETROFIT & REJUVENATES COMPONENTS
- DRY R<sup>™</sup> MOISTURE REMOVER, BOOSTS PERFORMANCE & PREVENTS WAXING & ACID
- FLASH<sup>™</sup> HIGH RESOLUTION, NO MESS UNIVERSAL UV DYE

FOR MORE INFORMATION, CONTACT GO DISTRIBUTION: TEL. 03 5768 2488 E-MAIL. SALES@GODISTRIBUTION.COM.AU

## Service Oils -





Extol manufactures and blends its own range of Refrigeration Oils and other specialty lubricants for the HVAC, Industrial and Automotive Industry. They have a full range of replacement oils specifically designed to function under the most severe service conditions encountered in refrigeration and air conditioning systems.

#### Synthetic Refrigeration Oil

Extol Synthetic Refrigeration Oils are a full synthetic hydrocarbon refrigeration lubricant that have been designed to function under severe service conditions. Extol oils contain no paraffin and are compatible with most common refrigerants such as R22, R134a and R404A. Extol PSR is completely miscible with petroleum-based oils.

Cat. No.	Part No.	ISO Viscosity Grade	Container Size	List Price \$ Exc. GST
184170	EXTOL 32 1L		1 Litre	\$79.81
184171 EXTOL 32 4L		32	4 Litres	\$319.00
184172	EXTOL 32 20L		20 Litres	\$1,263.69
184174	EXTOL 46 1L	40	1 Litre	\$79.81
184175	EXTOL 46 4L	46	4 Litres	\$319.00
184176	EXTOL 46 20L	46	20 Litres	\$1,263.69
184092 EXTPSR-1			1 Litre	\$79.81
184093	EXTPSR-4	~~~	4 Litres	\$319.00
184094	EXTPSR-20	68	20 Litres	\$1,263.69
	EXTPSR-208		208 Litres	P.O.A

#### **SRO Series**

The Extol SRO Series is a 100% synthetic POE blend designed for HFC and HCFC refrigerant gas miscibility in industrial and commercial refrigeration, air conditioning and chiller applications.

Cat. No.	Part No.	Description	ISO Viscosity Grade	Container Size	List Price \$ Exc. GST
184251	SRO 32 (01)	Polyolester Oil		1 Litre	\$76.13
184252	SRO 32 (04)	Polyolester Oil	32	4 Litres	\$243.64
184253	SRO 32 (20)	Polyolester Oil		20 Litres	\$1,320.94
184254	SRO 46 (01)	Polyolester Oil		1 Litre	\$76.13
184255	SRO 46 (04)	Polyolester Oil	46	4 Litres	\$243.64
184256	SRO 46 (20)	Polyolester Oil		20 Litres	\$1,320.94
184257	SRO 68 (01)	Polyolester Oil		1 Litre	\$76.13
184258	SRO 68 (04)	Polyolester Oil	68	4 Litres	\$243.64
184259	SRO 68 (20)	Polyolester Oil		20 Litres	\$1,320.94
184260	SRO100 (20)	Polyolester Oil	100	20 Litres	\$1,614.49

#### **HDT Series**

Extol HDT Series oils are a highly refined, hydrotreated compressor lubricant, specially designed to function under the stringent requirements of close-loop ammonia and all other refrigeration systems. It is exceptionally well suited for rotary screw and reciprocating compressors in ammonia service & compatible with naphthenic and other hydrotreated paraffinic-based compressor oils.

Cat. No.	Part No.	Description	ISO Viscosity Grade	Container Size	List Price \$ Exc. GST
184261	HDT 32 (04)	Hydrotreated Mineral Oil	32	4 Litres	\$243.64
184262	HDT 68 (04)	Hydrotreated Mineral Oil	68	4 Litres	\$243.64
184263	HDT 68 (20)	Hydrotreated Mineral Oil	68	20 Litres	\$1,504.41

#### **TB** Series

Extol TB series oils are a premium quality hydrotreated compressor lubricant designed to be used with a vast range of traditional refrigerants and is able to be used in almost all applications. The TB Series oils are perfect for use in commercial and residential refrigeration and air conditioning systems using HCFC refrigerants such as R22, along with ammonia R717, R600A and R290. Extol TB Series is 100% compatible with Suniso mineral oils and is the perfect replacement for Suniso 3GS, 4GS and 5GS. This means no flushing of systems is required allowing top-offs to be made with confidence.

Cat. No.	Part No.	Description	Container Size	List Price \$ Exc. GST
184264	TB 3 (04)	Mineral Oil	4 Litres	\$55.06
184265	TB 3 (20)	Mineral Oil	20 Litres	\$315.55
184266	TB 4 (04)	Mineral Oil	4 Litres	\$55.06
184267	TB 4 (20)	Mineral Oil	20 Litres	\$315.55

#### **AB** Series

Extol AB series is formulated from an alkylbenzene synthetic blend and designed to function under the stringent requirements of HCHC's such as R22, R123, R408A, R409A, and ammonia (R717) in direct expansion and liquid overfeed industrial refrigeration systems.

Cat. No.	Part No.	Description	ISO Viscosity Grade	Container Size	List Price \$ Exc. GST
184268	AB 46 (04)	Hydrotreated Mineral Oil	46	4 Litres	\$128.42
184269	AB 68 (04)	Hydrotreated Mineral Oil	68	4 Litres	\$139.44

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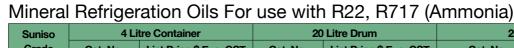




# Oils



## Suniso



Suniso	4 Litre Container		20 Litre Drum		205 Litre Drum	
Grade	Cat. No.	List Price \$ Exc. GST	Cat. No.	List Price \$ Exc. GST	Cat. No.	List Price \$ Exc. GST
3GS	184002	\$78.43	184003	\$405.86	184004	\$3,966.27
4GS	184008	\$78.43	184009	\$405.86	184010	\$3,966.27
4SA			184019	\$327.94	184020	\$2,864.01

#### Polyolester Oil

Suniso	1 Litre Container		4 Litre Container		20 Litre Container	
Grade	Cat. No.	List Price \$ Exc. GST	Cat. No.	List Price \$ Exc. GST	Cat. No.	List Price \$ Exc. GST
SL32S	184230	\$83.32	184232	\$313.61	184234	\$1,421.05
SL685	184236	\$83.32	184238	\$313.61	184240	\$1,421.05

## Bitzer

1月



#### **Bitzer** Refrigeration Oils

Cat. No.	Part No.	Туре	Description	Container Size	List Price \$ Exc. GST
184120	106-004	DE	RE Designating Compressor Oil	4 Litres	\$189.86
184121	106-005	B5	B5 Reciprocating Compressor Oil	20 Litres	\$895.76
184131	106-018	BSE 32		1 Litre	\$125.31
184132	106-019		Debuelantar Compressor Oil	2 Litres	\$242.54
184133	106-015		Polyolester Compressor Oil	5 Litres	\$503.77
184134	106-012			20 Litres	\$1,761.80
184145	106-027		Dahuslastar Carray Carray Oil	5 Litres	\$533.89
184144	106-028	BSE 170	Polyolester Screw Compressor Oil	20 Litres	\$1,739.93
184147	106-033	BSE 60K	Polyolester CO <sup>2</sup> Compressor Oil	1 Litre	\$209.39

#### Maneurop

#### Refrigeration Oils

**Maneurop** 

Cat. No.	Part No.	Description	Suits	Container Size	List Price \$ Exc. GST
184140	7754001	160P Mineral Oil	MT & SM with R22	2 Litres	\$130.19
184141	7754002	160P Mineral Oil	MT & SM with R22	5 Litres	\$261.18
184143	120Z0573	160PZ Polyolester Oil	MTZ, NTZ & MPZ with R404A, R507, R134a & R407C	2.5 Litres	\$257.10
184139	120Z0571	160SZ Polyolester Oil	SZ with R407C, R134a & R404A & SH with R410A	2.5 Litres	\$205.70



## Actrol

#### Vacuum Pump Oil



# Cat. No. Type Container Size List Price \$ Exc. GST 184022 Vacuum Pump Oil Standard 1 Litre \$19.49 184023 Vacuum Pump Oil Standard 4 Litres \$59.27 184037 Vacuum Pump Oil Suits Shark 1 Litre \$22.10



## Appion

#### Vacuum Pump Oil

Appion's TEZOM Micron-Dry Oil is a premium synthetic blend vacuum pump oil for superior performance.

Cat. No.	Model No.	Description	List Price \$ Exc. GST
184466	TZMGLN	3.78 Litre Synthetic Vacuum Pump Oil	\$132.61
184467	TZM1PK	Oil Cartridge With Vacuum Pump Oil	\$51.10

## Shell

#### Gadus Grease

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184063	S2V1002	General Purpose Grease	\$23.08

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## **Spill Cleaners** -

#### **Emergency Spill Cleaner**

The Emergency Spill Cleaner is a 500 gram pack of a super absorbent organic material. Ideally suited to absorb materials such as oil after spills, each 500 grams will absorb up to 5 litres of fluid.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184431	ESC	Oil Absorbent 500 grams	\$19.77
	·		

#### Cleaning Rags

A 4.9kg pack of quality rags for use in general cleaning applications or wherever rags are required.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
184432	4.9kg	Cleaning Rags	\$29.24



## Glycol Actrol



#### Propylene Glycol Food Grade

Cat. No.	Container Size	List Price \$ Exc. GST
184165	5 Litres	\$98.01
184167	20 Litres	\$284.79
184166	215 kg	\$2,590.49

## **Flushing Solvents Solpower**

#### **Universal Flushing Solvent**

Universal Flushing Agent

Solpower is a fast evaporating universal cleaning solvent suitable for all refrigeration and air-conditioning systems. Suitable for internal system cleaning to remove contaminants and oil, Solpower is a non-corrosive and non-ozone depleting fluid.



Exto

#### Features

- Fast evaporating
- Non hygroscopic
- · Removes oil and contaminants

Cat. No.	Part No.	Description	Container Size	List Price \$ Exc. GST	
184453	SP141-5LT	List a set El abias Ost a st	5 Litres	\$182.21	
184455	SP141-20LT	Universal Flushing Solvent	20 Litres	\$728.80	

## **Extol**

Extol Universal Flushing Agent is a liquid flushing agent which dissolves gummy oil oxidation deposits and loosens insoluble materials in refrigeration and air conditioning systems. The principle additive is designed to increase the products ability to dissolve gummy oil oxidation products and loosen insoluble materials inside heat exchangers, pipes and housings. It has a flash point <0°C. Flammability precautions are recommended. It has a wide boiling range and is a fast evaporating solvent which evacuates from systems quickly under vacuum. Its low viscosity and solvency increases the effectiveness of the flushing procedure. It is non-corrosive and acts as an effective corrosion inhibitor to protect bare metal surfaces.

Cat. No.	Part No.	Container Size	List Price \$ Exc. GST
184135	EXTUFA-5	5 Litres	\$241.26
184136	EXTUFA-20	20 Litres	\$631.12



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## Refrigerants



#### **FlexiTrak**

FlexiTrak is Actrol's complete refrigerant management solution.

FlexiTrak incorporates numerous free features such as detailed cylinder tracking & usage along with detailed refrigerant purchasing records. Cylinder tracking records all the purchasing details to every uniquely identified cylinder. Reports are available as summaries on cylinder usage or detailed usage. All refrigerant purchases using FlexiTrak include information such as tradesperson, date of transaction, invoice number, order number, job number/name, refrigerant type and volume. The detail of refrigerant purchased is also available upon request. FlexiTrak is well suited to assist with ARC compliance.

## Refrigerant



HCFC				HFC				HFC			
Cat. No.	Refrig.	Cyl. Contents kg	List Price \$ Exc. GST	Cat. No.	Refrig.	Cyl. Contents kg	List Price \$ Exc. GST	Cat. No.	Refrig.	Cyl. Contents kg	List Price S Exc. GST
18500210		10	P.O.A	18500310		10	P.O.A	18500710		8	P.O.A
18500220		22	P.O.A	18500320		20	P.O.A	18500720		16	P.O.A
18500265	R22	65	P.O.A	18500365	R134a	65	P.O.A	18500765	R410A	52	P.O.A
1850021H		480	P.O.A	1850031H		480	P.O.A	1850071H		480	P.O.A
1850021T		820	P.O.A	<b>1850031T</b> 810 <b>P.O.A</b> 1	1850071T		810	P.O.A			
18501010		8	P.O.A	18501110		8	P.O.A	18507110		9	P.O.A
18501020	R408A	18	P.O.A	18501120		18	P.O.A	18507120	R427A	20	P.O.A
18501065		57	P.O.A	18501165	R404A	57	P.O.A	18507165		60	P.O.A
18500610		10	P.O.A	1850111H		380	P.O.A	18507310	<b>D</b> / 0 0 1	9	P.O.A
18500620	R409A	20	P.O.A	1850111T		770	P.O.A	18507320	R438A (MO99)	20	P.O.A
18500665		65	P.O.A	18501410		9	P.O.A	18507365	(11000)	60	P.O.A
185019	R123	91*	P.O.A	18501420	R407C	20	P.O.A	18501210		8	P.O.A
*drum				18501465		60	P.O.A	18501220	R507	18	P.O.A
				18507210		9	P.O.A	18501265		57	P.O.A
				18507220	R407F	20	P.O.A	185040	34M	12	P.O.A
				18507265		60	P.O.A	185041	04101	20	P.O.A

Cat. No.	Refrigerant	Cylinder Contents kg	List Price \$ Exc. GST
185021		34	P.O.A
185023	R717 -	385	P.O.A



#### **Reclaim Cylinders**

Reclaim cylinders are provided to enable contractors to easily collect any unwanted refrigerant for return to Actrol & RRA.

#### Features

- Easy to identify
- •Dual inlet & outlet valves suitable for push/pull recovery •Suitable for all common refrigerants including R410A

Cat. No.	Max Fill kg
89080420	17
89080465	52

Cat. No.

89080520

89080565

www.actrol.com.au



#### **Pumpdown Cylinders**

These cylinders are designed to allow contractors to recover refrigerant from a system into a cylinder known to be clean, make any repairs that are needed, and then recharge the same refrigerant back into the same system.

#### Features

- Easy to identify
- Internally cleaned & valves sealedDual inlet & outlet valves suitable for push/pull recovery
- Suitable for all common refrigerants including R410A



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Refrigerant Trading Authorisation AU06444

Max Fill kg

17

52

Subject to change without notice



## HCFC PHASE OUT, IT'S CRUNCH TIME!

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#### FORANE<sup>®</sup> 427A: The sustainable retrofit solution.

As R-22 imports continue to reduce in line with our obligations under the Montreal Protocol, Forane® 427A is your long-term solution. A non-toxic, non-flammable, non-ozone depleting 100% HFC blend, Forane® 427A has been specifically developed as a retrofit replacement for HCFC-22 in your existing low and medium temperature refrigeration and air-conditioning systems.

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Forane<sup>®</sup> 427A has been used successfully in a variety of industries for over seven years.





## Industrial Gas-

Dry Nitrogen

Cat. No.	Part. No.	Description	Cylinder Size	Contents m <sup>3</sup> (101.325 kPa @ 15C)	Average Weight (Full) kg	Average Weight (Empty) kg	List Price \$ Exc. GST
186010	Nitrogen D	Dry Nitrogen	D	1.5	13.8	12	P.O.A
186013	Nitrogen E		E	3.5	27	22	P.O.A

## Tesuco

Nitrogen Regulator



## Cat. No. Part No. Description 352060 RI1SNI60 Nitrogen Regulator 6000kPa

#### Disposable Dry Nitrogen Cylinders

In many cases, disposable cylinders are cheaper than refilling reusable cylinders. Non-refillable cylinders often save time and do not require periodic re-certification.

The 2 litre disposable gas cylinder has a much larger capacity and is filled to a much higher pressure than conventional disposable cylinders currently available.

Nitrogen is a colourless and odourless inert gas making it ideal for use during brazing of copper tube.

During brazing, temperatures of 620°C to 790°C are required. Copper will react with the oxygen in air at these temperatures to form a scale of copper oxide on the inner walls of tubing and fittings. The resulting flakes of scale dislodged in operating refrigeration systems cause system blockages and damage to components. If the air in the copper tubing being brazed is replaced with a slow steady flow of nitrogen during brazing, the formation of copper oxides can be eliminated.



#### Other Uses

- Purging
- Triple Evacuation

- Pressure Testing
- Calibration of Gauges and Controls

Cat. No.	Part No.	Description	Cylinder size	Contents M <sup>3</sup> @ 200C	Average weight (Full) kg	Average weight (Empty) kg	List Price \$ Exc. GST
186020	GTNI2C	Disposable Dry Nitrogen	2 Litres	0.2	2.15	1.72	\$111.19

#### Regulator for Disposable Nitrogen Cylinders

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352050	RCG1MNI15	Nitrogen Regulator 1500kPa	\$129.93





List Price \$ Exc. GST

\$661.01

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