



Replaceable Filter-Drier Cores/Blocks

Alco

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

- 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 ²	Suits Nominal Shell Diam: mm
2708392	D-48	Standard Block	445	115
2708394	UK-48	High Capacity POE Block		
2708389	H-100	High Capacity Block	710	150
2708390	W-48	Burnout Block	445	115
2708393	F-48	Suction Filter Core	677	

Part No.	Water Capacity: Drops					
	R134a		R22		R404A, R507	
	Liquid Temperature: °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.



Cat. No.	Part No.	Description	Water Capacity: Drops						Acid Capacity: mg
			R134a		R22		R404A, R507		
			Liquid Temperature °C						
2708391	RH-48*	Recycling Block	1399	1001	877	653	962	753	35,450

*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



Replaceable Filter-Drier Cores/Blocks

Castel

Filter Drier Cores/Blocks

The filter drier cores/blocks must be ordered separately from the filter drier shells. The 4490/A filter drier cores are molded from a blend of dehydrating charge, totally made of 3 Å molecular sieves, and a special binding agent in appropriate proportions. The 4490/A cores are designed for maximum moisture adsorption. The 4490/AA filter drier cores are molded from a blend of dehydrating charge, 80% of 3 Å molecular sieves and 20 % of activated alumina, and a special binding agent in appropriate proportions. The 4490/AA cores are designed for moisture and acid adsorption.

Cat. No.	Part No.	Description	Filter Area cm ²
8002815	4490/A	Filter Drier Core 100% Molecular Sieve w Gasket Kit	420
8002816	4490/AA	Filter Drier Core 80 MS /20 AA w Gasket Kit	
8002817	4495/C	Castel Suction Line Filter Core	820

Part No.	Water Capacity: Grams							
	R134a		R22		R404A, R507		R410A	
	Liquid Temperature: °C							
	24	52	24	52	24	52	24	52
4490/A	82	71	75	60	84	78	73	59
4490/AA	70	60	64	51	71	66	62	50



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	Liquid Flow Capacity: kW		
				R134a	R22, R410A	R404A, R507
2708401	060009	EK032	1/4"	7	7.7	5.3
2708404	060013	EK033	3/8"	10.6	11.3	7.4
2708406	047601	EK052	1/4"	7.4	8.1	5.3
2708408	047603	EK053	3/8"	12.3	13.4	8.8
2708411	047605	EK082	1/4"	8.1	8.8	6
2708413	047607	EK083	3/8"	14	15.1	10.2
2708415	047609	EK084	1/2"	23.5	25.7	17.2
2708417	047611	EK162	1/4"	8.1	8.4	5.6
2708418	047613	EK163	3/8"	13.7	15.1	10.2
2708420	047615	EK164	1/2"	25.3	27.4	18.3
2708422	047617	EK165	5/8"	34.1	36.9	24.6
2708425	048210	EK303	3/8"	15.1	16.5	10.9
2708426	048212	EK304	1/2"	28.5	30.9	20.7
2708428	048214	EK305	5/8"	37.3	40.4	27
2708432	048668	EK306	3/4"	51.8	56	37.5
2708439	048219	EK413	3/8"	15.1	16.5	10.9
2708434	048220	EK414	1/2"	36.5	39.7	26.4
2708436	048222	EK415	5/8"	42.2	45.7	30.6
2708433	065355	EK416	3/4"			

Solder

Cat. No.	Part No.	Model No.	Solder Connection	Liquid Flow Capacity: kW		
				R134a	R22, R410A	R404A, R507
2708402	060012	EK032S	1/4"	9.5	10.2	6.7
2708405	060014	EK033S	3/8"	10.6	11.6	7.7
2708407	047602	EK052S	1/4"	11.6	12.7	8.4
2708409	047604	EK053S	3/8"	15.5	16.9	11.3
2708412	047606	EK082S	1/4"	10.9	12	8.1
2708414	047608	EK083S	3/8"	15.8	17.2	11.6
2708410	047610	EK084S	1/2"	25	27	18.3
2708416	047612	EK162S	1/4"	10.9	12	8.1
2708419	047614	EK163S	3/8"	15.5	16.9	11.2
2708421	047616	EK164S	1/2"	30	32.3	21.8
2708423	047618	EK165S	5/8"	35.5	38.3	25.7
2708424	048211	EK303S	3/8"	22.1	23.9	15.8
2708427	048213	EK304S	1/2"	35.2	38	25.3
2708429	048215	EK305S	5/8"	44	47.5	31.6
2708430	048216	EK306S	3/4"	52	56.3	37.6
2708431	048217	EK307S	7/8"	59	64	42.9
2708435	048221	EK414S	1/2"	38	41.1	27.4
2708437	048223	EK415S	5/8"	59.8	64.7	43.2
2708438	048224	EK417S	7/8"	71	77	51.5
2708440	048228	EK757S	7/8"	77.7	84.4	56.4
2708441	048229	EK759S	1 1/8"	114.5	123.9	83



Filter Driers

Castel

D3 Series - Liquid Line Filter Driers

The D3 liquid line filter driers are a solid core 100% molecular sieve design and are suitable for HFC and HCFC refrigerants. The D3 series provide superlative water capacity while providing good de-acidifying characteristics. The shape of the block maximises the surface area to the incoming fluid. The design pressure is 45 bar.

Features

- Solid core 100% molecular sieve design
- Extremely high water capacity
- Filter's to 40 microns
- Block design minimises pressure drop



Cat. No.	Part No.	Model No.	Flare Connection	Water Capacity @ +24°C : grams			Liquid Flow Capacity @ 7 kPa Pressure Drop : kW		
				R134a	R404A, R507	R410A	R134a	R404A	R410A
2708660	D303/2	032	1/4"	5.2	5.3	4.6	7.1	5.1	7.6
2708662	D303/3	033	3/8"				16.7	12.1	17.7
2708665	D305/2	052	1/4"	13.4	13.6	11.9	7.5	5.4	7.9
2708667	D305/3	053	3/8"				17.5	12.6	18.5
2708670	D308/2	082	1/4"	22.8	23.3	20.3	7.3	5.3	7.8
2708672	D308/3	083	3/8"				19.4	14	20.5
2708674	D308/4	084	1/2"				23.5	16.9	24.9
2708676	D316/2	162	1/4"	30.4	31	27.1	8.2	5.9	8.7
2708677	D316/3	163	3/8"				19.5	14	20.6
2708679	D316/4	164	1/2"				25.2	18.1	26.6
2708681	D316/5	165	5/8"				33.6	24.2	35.6
2708686	D330/3	303	3/8"	71.3	72.9	63.6	20.4	14.7	21.6
2708689	D330/4	304	1/2"				28.6	20.6	30.3
2708691	D330/5	305	5/8"				37.1	26.7	39.2
2708696	D341/4	414	1/2"	98.7	100	87.9	36.4	26.2	38.6
2708698	D341/5	415	5/8"				42.1	30.3	44.6
2708700	D341/6	416	3/4"				66.4	47.8	70.3

Cat. No.	Part No.	Model No.	Solder Connection	Water Capacity @ +24°C : grams			Liquid Flow Capacity @ 7 kPa Pressure Drop : kW		
				R134a	R404A, R507	R410A	R134a	R404A	R410A
2708661	D303/2S	032S	1/4"	5.2	5.3	4.6	9.2	6.7	9.8
2708663	D303/3S	033S	3/8"				17.1	12.3	18.1
2708666	D305/2S	052S	1/4"	13.4	13.6	11.9	11.6	8.4	12.3
2708668	D305/3S	053S	3/8"				18.1	13	19.2
2708671	D308/2S	082S	1/4"	22.8	23.3	20.3	11.2	8	11.8
2708673	D308/3S	083S	3/8"				19.9	14.3	21
2708675	D308/4S	084S	1/2"				24.9	17.9	26.4
2708678	D316/3S	163S	3/8"	30.4	31	27.1	21.4	15.4	22.7
2708680	D316/4S	164S	1/2"				29.6	21.4	31.4
2708682	D316/5S	165S	5/8"				35.2	25.4	37.3
2708683	D316/7S	167S	7/8"				45.3	32.6	48
2708687	D330/3S	303S	3/8"	71.3	72.9	63.6	22.1	15.9	23.4
2708690	D330/4S	304S	1/2"				37.1	26.7	39.2
2708692	D330/5S	305S	5/8"				43.5	31.3	46
2708694	D330/7S	307S	7/8"				50	36	52.9
2708695	D330/9S	309S	1 1/8"				50	36	52.9
2708697	D341/4S	414S	1/2"	98.7	100	87.9	37.8	27.2	40
2708699	D341/5S	415S	5/8"				59	42.5	62.5
2708701	D341/6S	416S	3/4"				66.4	47.8	70.3
2708606	D341/7S	417S	7/8"				70.9	51.1	75.1

Water capacity: ARI Standard 710-2004 and DIN 8949:2000



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



Cat. No.	Part No.	Model No.	Flare Connection	Liquid Capacity: kW		
				R134a	R404A, R507	R22, R407C, R410A
2704700	023Z5035	DML032	1/4"	7	5	7
2704701	023Z5036	DML033	3/8"	17	13	19
2706390	023Z5037	DML052	1/4"	7	5	8
2704703	023Z5038	DML053	3/8"	18	14	19
2704704	023Z5039	DML082	1/4"	7	5	8
2704705	023Z5040	DML083	3/8"	19	14	21
2704706	023Z5041	DML084	1/2"	26	20	29
2706392	023Z5042	DML162	1/4"	7	5	8
2704707	023Z5043	DML163	3/8"	22	16	24
2704708	023Z5044	DML164	1/2"	30	22	33
2704709	023Z5045	DML165	5/8"	43	30	47
2704710	023Z0049	DML303	3/8"	21	15	23
2704711	023Z0050	DML304	1/2"	31	22	34
2704712	023Z0051	DML305	5/8"	45	33	49
2706395	023Z0193	DML306	3/4"	62	45	68
2704713	023Z0108	DML413	3/8"			
2704714	023Z0109	DML414	1/2"	32	23	35
2704715	023Z0110	DML415	5/8"	53	37	58

Solder

Cat. No.	Part No.	Model No.	Solder Connection	Liquid Capacity: kW		
				R134a	R404A, R507	R22, R407C, R410A
2704716	023Z5048	DML032S	1/4"	7	5	7
2704717	023Z5050	DML033S	3/8"	17	13	19
2704718	023Z5053	DML052S	1/4"	7	5	8
2704719	023Z5054	DML053S	3/8"	18	14	19
2706391	023Z5057	DML082S	1/4"	7	5	8
2704721	023Z5058	DML083S	3/8"	19	14	21
2704722	023Z5061	DML084S	1/2"	26	20	29
2706393	023Z5063	DML162S	1/4"	7	5	8
2704723	023Z5064	DML163S	3/8"	22	16	24
2704724	023Z5067	DML164S	1/2"	30	22	33
2704725	023Z5068	DML165S	5/8"	43	30	47
2704727	023Z0068	DML304S	1/2"	31	22	34
2704728	023Z0069	DML305S	5/8"	45	33	49
2704729	023Z0070	DML306S	3/4"	62	45	68
2704730	023Z0071	DML307S	7/8"	62	45	68

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

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.



Cat. No.	Part No.	Connections		Liquid Flow Capacity: kW			Nominal System Capacity: kW					
							Refrig. Low Temp. & Commercial Installations			A/C Field Replace. & Field Install.		
		M. Flare	Solder	R134a	R22	R404A R507	R134a	R22	R404A R507	R134a	R22	R404A R507
2708458	BOK 082	1/4"		4.9	5.6	3.5	1.8	1.8	1.8	2.6	3.5	2.6
2708459	BOK 83	3/8"		13.7	14.8	9.8	4	3.5	3.5	7	7	7
2708460	BOK 162	1/4"		4.9	5.6	3.5	4	5.3	2.6	3.5	5.3	3.5
2708461	BOK 163	3/8"		15.1	16.5	10.9	7	7	7	10.6	10.6	7
2708465	BOK 163S		3/8"	20.4	22.2	14.8						
2708462	BOK 164	1/2"		29.9	32.7	21.8		10.6			17.6	10.6
2708466	BOK 164S		1/2"	35.9	39	26						
2708463	BOK 165	5/8"		45.4	48.9	32.7				17.6	14	
2708467	BOK 165S		5/8"	45.4	48.9	32.7						
2708464	BOK 305	5/8"		47.5	51.3	34.5	14	17.6	17.6	26.4	26.4	17.6
2708468	BOK 417S		7/8"	69.6	75.6	50.6	35	35	26.4	35	35	26.4

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 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.	Connections		Liquid Flow Capacity kW			Water Capacity Drops: R22		Water Capacity Drops: R410A		Water Capacity Drops: R407C	
		M. Flare	Solder	R22	R410A	R407C	Liquid Temperature					
							24°C	52°C	24°C	52°C	24°C	52°C
2708442	BFK 052	1/4"		5.6	5.6	5.6	73	66	39	35	58	42
2708443	BFK 053	3/8"		10.5	10.5	10.2						
2708447	BFK 083	3/8"		15.8	15.8	15.5	159	144	85	75	106	79
2708448	BFK 083S		3/8"	17.9	17.9	17.6						
2708449	BFK 084	1/2"		22.5	22.5	22.2						
2708445	BFK 084S		1/2"	23.6	23.6	23.2						
2708450	BFK 085	5/8"		27.4	27.4	27.1						
2708446	BFK 085S		5/8"	28.5	28.5	27.8						
2708451	BFK 163	3/8"		16.2	16.2	15.8	323	294	179	160	237	179
2708455	BFK 163S		3/8"	18.3	18.3	17.9						
2708452	BFK 164	1/2"		27.1	27.1	26.7						
2708456	BFK 164S		1/2"	28.5	28.5	27.8						
2708453	BFK 165	5/8"		29.2	29.2	28.5						
2708454	BFK 165S		5/8"	30.6	30.6	29.9						
2708457	BFK 167S		7/8"	37.1	37.6	36.4	585	532	415	293	452	345
2708469	BFK 303	3/8"		20.1	20.1	19.9						
2708470	BFK 304	1/2"		26.6	26.6	26.3						
2708471	BFK 305	5/8"		36.0	36.0	35.4						
2708444	BFK 307S		7/8"	58.7	58.7	57.7						



Filter Driers

Castel

Solid Core Bi-Flow Liquid Line Filter Drier

The 46 series Bi-Flow liquid line filter driers are designed for installation in liquid lines of heat pumps and reverse cycle systems. The solid core 100% molecular sieve design offers maximum moisture removal and is suitable for HFC and HCFC refrigerants. Two built -in check valves ensure the refrigerant liquid always flows through the drier from the outer side of the solid core regardless of the flow direction.

Cat. No.	Part No.	Model No.	Solder Connection	Design Pressure	Refrigerant Capacity @ +24°C: grams			Liquid Flow Capacity @ 7kPa Pressure Drop: kW		
					R22	R134a	R410A	R22	R134a	R410A
2708600	4608/3S	083S	3/8"	45 BAR	12.8	14	12.4	12.5	1.4	12.1
2708601	4608/4S	084S	1/2"					17.3	15.8	16.8
2708602	4616/3S	163S	3/8"		20.8	22.8	20.3	18.2	16.7	17.6
2708603	4616/4S	164S	1/2"					30.4	27.8	29.5
2708604	4616/5S	165S	5/8"					39.6	36.2	38.4
2708605	4616/7S	167S	7/8"					47.5	43.5	46.0



Danfoss

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



Cat. No.	Part No.	Model No.	Connections	Liquid Capacity: kW		
				R134a	R404A, R507	R22, R407C, R410A
2704749	023Z1442	DMB083S	3/8"	7.4	5.3	8.2
2704750	023Z1441	DMB084S	1/2"	8.3	6	9.2
2704751	023Z1446	DMB163S	3/8"	18	13	20
2704752	023Z1445	DMB164S	1/2"	28	20	32
2704753	023Z1444	DMB165S	5/8"	37	29	40
2708400	023Z1449	DMB304S	1/2"	28	20	31
2706394	023Z1448	DMB305S	5/8"	38	28	42

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

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: $\frac{1}{2}$ " to $\frac{7}{8}$ " 3447 kPa, 1 $\frac{1}{8}$ " 2757 kPa



Cat. No.	Part No.	Solder Connection	Suction Line Flow Capacity: kW													
			R134a				R22				R404,R507					
			Evaporating Temperature: °C													
			4	-7	-18	-29	4	-7	-18	-29	-40	4	-7	-18	-29	-40
2708513	CSFD14S4V V	½"	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
2708514	CSFD14S5V V	⅝"	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
2708515	CSFD14S6V V	¾"	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
2708516	CSFD14S7V V	⅞"	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
2708517	CSFD14S9V V	1⅛"	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

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



Cat. No.	Part No.	Connections		Suction Line Flow Capacity: kW													
				R134a				R22				R404A,R507					
				Evaporating Temperature: °C													
				4	-7	-18	-23	4	-7	-18	-29	-40	4	-7	-18	-29	-40
		M.Flare	Solder	Pressure Drop: kPa													
14	10			7	3	21	14	10	7	3	21	14	10	7	3		
2708501	SFD 13F3-V V	3⁄8"		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
2708502	SFD 13S3-V V		3⁄8"	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
2708503	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
2708504	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
2708505	SFD 13F5-V V	5⁄8"		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
2708506	SFD 13S5-V V		5⁄8"	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
2708507	SFD 13S6-V V		3⁄4"	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
2708508	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
2708509	SFD 27S7-V V		7⁄8"	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
2708510	SFD 27S9-V V		1 1⁄8"	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
2708511	SFD 54S11-V V		1 3⁄8"	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
2708512	SFD 54S13-V V		1 5⁄8"	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

All ratings in accordance with ARI Standard 730-86

Filter Driers

Emerson

AOFD Oil Filter-Drier

Cat. No.	Part No.
2708519	AOFD 553

ASF Oil Filter / Suction Line Filter

Cat. No.	Part No.
2708518	ASF 45F 3-VV

AOFD High Efficiency Take-Apart Oil Filter

Cat. No.	Part No.	Description
2708520	AOF023S	$\frac{3}{8}$ " Solder - Oil filter demountable
2708395	FO23	AOF Oil filter cartridge

STDS Series - Drier Shells

Shell Only			Filter-Drier Blocks	
Cat. No.	Part No.	Solder Connection	No. and Size of Blocks Req'd.	Desiccant Volume Cubic Inches
2708521	STAS487TSS	$\frac{7}{8}$ "	1 x 48	48
2708522	STAS489TSS	1 $\frac{1}{8}$ "		
2708523	STAS4811TSS	1 $\frac{3}{8}$ "		
2708524	STAS4813TSS	1 $\frac{5}{8}$ "		
2708525	STAS4817TSS	2 $\frac{1}{8}$ "		
2708526	STAS967TSS	$\frac{7}{8}$ "	2 x 48	96
2708527	STAS969TSS	1 $\frac{1}{8}$ "		
2708528	STAS9611TSS	1 $\frac{3}{8}$ "		
2708529	STAS9613TSS	1 $\frac{5}{8}$ "		
2708530	STAS9617TSS	2 $\frac{1}{8}$ "		
2708531	STAS1449TSS	1 $\frac{1}{8}$ "	3 x 48	144
2708532	STAS14411TSS	1 $\frac{3}{8}$ "		
2708533	STAS14413TSS	1 $\frac{5}{8}$ "		
2708534	STAS14417TSS	2 $\frac{1}{8}$ "		
2708535	STAS19211TSS	1 $\frac{3}{8}$ "	4 x 48	192
2708536	STAS19213TSS	1 $\frac{5}{8}$ "		
2708537	STAS19217TSS	2 $\frac{1}{8}$ "		

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

Cat. No.	Part No.	Description
2708538	061715	Demountable Drier Bracket

Internal Assemblies

Cat. No.	Model No.	Part No.	Description
2708539	X-27548-1	060274	Replacement Internal Assembly Suits STAS Shells
2708540	X-27548-2	060275	
2708541	X-27548-3	060276	
2708542	X-27548-4	060277	



Filter Driers

Castel Drier Shells

Castel type 4410 Drier Shells are manufactured with a steel body and copper tube solder connections. The filter drier shells are complete with an internal mesh sieve, spring and top and bottom covers. The filter drier cores/blocks are ordered separately.

Shell Only				Cover Type	Filter Drier Cores	
Cat. No.	Part No.	Solder Connection	Design Pressure		No. x Size if Blocks Reqd.	Dessicant Volume Cubic Inches
8002818	4411/7B	7/8"	45 BAR	Blank	1 x 48	48
8002819	4411/9B	1 1/8"				
8002820	4411/11B	1 3/8"				
8002821	4411/13B	1 5/8"				
8002822	4411/17B	2 1/8"				
8002823	4412/9B	1 1/8"			2 x 48	96
8002824	4412/11B	1 3/8"				
8002837	4412/13B	1 5/8"				
8002838	4412/17B	2 1/8"			3 x 48	144
8002839	4413/9B	1 1/8"				
8002829	4413/13B	1 3/8"				
8002830	4413/17B	1 5/8"				
8002840	4413/17B	2 1/8"	35 BAR		4 x 48	192
8002834	4414/11B	1 3/8"				
8002835	4414/13B	1 5/8"				
8002836	4414/17B	2 1/8"	62 BAR	1/4" NPT Thread for Schrader Valve	1 x 48	48
8002825	4411E/7AF	7/8"				
8002826	4411E/9AF	1 1/8"				
8002827	4411E/11AF	1 3/8"				
8002828	4411E/M42AF	42mm			2 x 48	96
8002831	4412E/9AF	1 1/8"				
8002832	4412E/11AF	1 3/8"				
8002833	4412E/M42AF	42mm				

Drier Shell Accessories

Cat. No.	Part No.
8002810	Castel Spring For Drier Shell
8002811	Castel Core Bottom For Drier Core/Block
8002812	Castel Core Top For Drier Core/Block
8002813	Castel Top + Bottom For Drier Core/Block
8002814	Castel Filtering Tube For One Drier Core/Block

Oil Filter

The 45 series filter is completely manufactured from steel with a nickel-plated flare connection. Inside the filter there is a screen basket, with a wide filtering surface made of austenitic 304 stainless steel. These filters may not be cleaned.

Cat. No.	Part No.			
8002858	4510/3	3/8"	45	58

Oil Test Kits



Refco

Copper Spun Filter-Driers



Cat. No.	Part No.	Capacity: Grams	Connections		Body Dim.: mm		Overall Length: mm	Tails
			Inlet	Outlet	Diameter	Length		
2708583	SF2-15-2.5X6.5	15	1/4"	Capillary	19	141	-	N
2708585	SF2-30-6.5X6.5	30		1/4"	24	140		
2708591	STU-10	10		1/4-3/16"	19	105	225	Y
2708592	STU-15	15			19	125	250	
2708593	STU-30	30		1/4-3/16"	24	142	235	



Refrigeration Technologies

Checkmate

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

Kits



Cat. No.	Part No.	Description
2708742	RT700K	Checkmate Contamination Detector Kit

Detector Tubes



Cat. No.	Part No.	Description	Application	Quantity per Pack
2708743	RT750A	Checkmate Detector Tubes	Acid	3
2708744	RT751M	Checkmate Detector Tubes	Moisture	3
2708745	RT752C	Checkmate Detector Tubes	Oil	3

Virginia

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

Fast 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
2708620	TKO	Mineral Oil Acid Test Kit

ETK - Refrigeration Oil Acid Test Kit For Polyolester Oils

One bottle test is the fast 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
2708624	ETK	Polyester Oil Acid Test Kit



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
2701644	RCKIT	Oil Sample Kit with Stick On Labels

Each Kit comprises of:

- Plastic sample container (100 ml capacity)
- Plastic cylindrical mailer
- Self-adhesive pre-addressed label
- Sample submission form





Service Aids

Watsco

Silica-Gel

Cat. No.	Part No.	Mesh	Container Size
2708607	540	8-20	680 grams

Highside

Thawzone Liquid Dehydrant

Cat. No.	Part No.	Container Size
2708608	17004	113 grams

Acid Neutralizer

Cat. No.	Part No.	Container Size
2708609	18004	118 ml

Trace Internal Leak Detector

Cat. No.	Part No.	Container Size
2708610	20004	113 grams

Refrigeration Technologies

Viper Starter Kit

Cat. No.	Part No.	Description	Kit Contents
2708781	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

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
2704320	RT375A	532 ml

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
2704336	RT350G	3.78 Litres
2708746	RT3505	Remote Sprayer

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
2704337	RT300G	Viper Brite Cleaner	3.78 Litres
2708790	RT300S	Viper Foam Gun	-
2708791	RT301X	Viper Flex Wand	-
2708792	RT302F	Viper Foam Funnel	-

Viper HD Detergent Cleaner

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

Cat. No.	Part No.	Container Size
2706115	RT390G	3.78 Litres

Viper Eco Solv Industrial Solvent

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

Cat. No.	Part No.	Container Size
2708789	RT380G	3.78 Litres



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
2708778	RT800S	946 ml

Nylog

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

Cat. No.	Part No.	Container Size
2701827	RT200R	30 ml
2701828	RT200B	30 ml

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
2708766	RT630A	500 grams

Viper Ice Machine Cleaner

Cat. No.	Part No.	Description	Container Size
2708748	RT500N	Nickel Safe Ice Machine Cleaner	473 ml
2708749	RT500G		3.78 Litres

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
2700529	RT900B	230 grams

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
2708767	RT910T	85 grams

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
2708772	RT610A	480 grams

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
2701829	RT100S	Big Blu Spray On	+1.7 to +80	23	985 ml
2708764	RT175B	Big Blu Brush On	-18 to +85	22	230 ml
2701830	RT100G	Big Blu Bottle	+1.7 to +80	23	3.78 Litres
2700528	RT150S	Super Blu Spray On	-34 to +95	23	985 ml

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
2708750	RT620A	675 grams

Defender Coil Coat

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

Cat. No.	Part No.	Container Size
2708751	RT640A	432 grams



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 Tub



Cat. No.	Part No.	Description	Type
2708841	CA1500	Odour Neutraliser Gel 227gram	Neutral
2708842	CA1300		Orange
2708843	CA1800		Cherry

Odour Blocks



Cat. No.	Part No.	Description	Size
2708844	CA1502	Odour Neutraliser Block	900 g
2708845	CA1015		2.9 kg

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 effective 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	Type
2708846	CA1600D	Deodourising Liquid Spray 473ml	Unscented
2708847	CA1700D		Citrus
2708848	CA1900D		Cherry

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
2708849	CA26832	Spray Nine Cleaner & Disinfectant	900 ml

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
2708850	CAPC200	PurCool Pan Treatment Tablets	400 grams

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
2708851	CADS1	Condensate Drain Sucker Kit

Service Aids



Clenair

Clenhands Hand Cleaner



Cat. No.	Part No.	Description	Container Size
2708852	CA2215	Clenhands Orange Crush Hand Cleaner	425ml



Dyna Wipes

Hand Cleaner Towels



Cat. No.	Part No.	Description	Contents
2708853	RT600S	Dyna Wipes Hand Cleaner Towels	80 towels



Extol

Extol Anti Bacterial Spray

Cat. No.	Part No.	Container Size
2708635	1601620	200 grams



Hills

Pressure Spray Bottle



Cat. No.	Part No.	Description
2708741	FH220872	Press. sprayer 2 Litres

Jayair

Spray Oil



Cat. No.	Part No.	Container Size
2708630	OG6012	300 ml

Watsco

Zoom Spout Oiler



Cat. No.	Part No.	Container Size
2701224	DO 1	118 ml

Sterile-Air

Ice Machine Cleaner

Cat. No.	Part No.	Container Size
2701598	IMC-1	1 Litre
2708658	IMC-4	4 Litres
2708659	IMC-200	200 Litres

Clean Air Home & Office

Cat. No.	Part No.	Container Size
2701854	CA	250gm

Fresh Air Sponge

Cat. No.	Part No.	Container Size
2701855	FAS-1	500 ml
2701856	FAS-4	2 Litres

Coil and Filter Cleaner (Alkali)

Cat. No.	Part No.	Container Size
2701857	AK-1	1 Litre
2701858	AK-4	4 Litres

Coil Cleaner (Acid)

Cat. No.	Part No.	Container Size
2701859	AB-1	1 Litre
2701860	AB-4	4 Litres

Grease Away

Cat. No.	Part No.	Container Size
2701862	GA-4	4 Litres

Easy Dose Cartridges

Cat. No.	Part No.	Container Size
2701955	EDC-M	Mini
2708688	EDC-L	Large

Service Aids

HydroBalance



Clean-Ice - Ice Machine Cleaner

Cat. No.	Part No.	Container Size
2708800	Clean-Ice	1 Litre



Coilkleen -

Detergent Coil Cleaner (Acidic)

Cat. No.	Part No.	Container Size
2701592	Coilkleen	5 Litres



Finsaver

Air Cooled Condenser Protectant

Cat. No.	Part No.	Container Size
2700527	Fin Saver	510gmm Aerosol



Wanda Wash -

Multi Purpose Concentrated Detergent

Cat. No.	Part No.	Container Size
2701594	Wanda-Wash	1 Litre



Virginia KMP

Blast-A-Coil

Cat. No.	Part No.
2703391	BAC- 20

CRC

Zinc-It

Cat. No.	Part No.	Container Size
4901956	2085	350 grams



La-Co

Cool Gel Heat Dissipating Spray

Cat. No.	Part No.	Container Size
1907003	Cool Gel	947 ml
1907007		473 ml



Coilox - Coil Cleaning Detergent

Cat. No.	Part No.	Container Size
2701593	Coilox	5 Litres



4X - Coil Cleaner Concentrate (Alkaline)

Cat. No.	Part No.	Container Size
2701595	4X	1 Litre



Sta-Clean -

Bacterial Control Agent

Cat. No.	Part No.	Container Size
2708803	Sta-Clean	1 Litre



No More Grease -

Concentrated Degreaser

Cat. No.	Part No.	Container Size
2701617	No More Grease	5 Litres



Thermal Block Heat Paste

Cat. No.	Part No.	Container Size
2708629	TB11	11 oz



Freeze Spray 75

Cat. No.	Part No.	Container Size
2708637	2039	300 grams



Inox

Lubricant



Cat. No.	Part No.	Container Size
4902220	Inox	300 grams

Service Aids

Errecom

Flushing Agents



Cat. No.	Part No.	Description	High Flushing Pressure	Flammable
2708854	TR1009.M0	Belnet Fast Flushing Agent. 600ml Aerosol, c/w Rubber Cone	8-9 bar	Yes
2708855	TR1009.M1	Belnet Fast Flushing Agent. 600ml Aerosol, c/w Threaded Connection		
2708856	RP1048.01	Flushing Gun Kit for Threaded Aerosol. Comes with Hose, Gun and Adaptor	N/A	N/A
	TR1009.01	Belnet Flushing Fluid for Air Drawn Application. 1L can		Yes
	TR1055.01	Belnet Flushing Fluid for Air Drawn Application. 5L can		No
	TR1125.K	Super Flush Flushing Fluid for Electric Drawn Application (Non Flammable). 1L can		N/A
	TR1125.P	Super Flush Flushing Fluid for Electric Drawn Application (Non Flammable). 5L can		
	RP1027.01	Flushing Bottle and Gun. 1L with 60cm Hose, Ball Valve and Gun		



Extreme Leak Stop

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708857	TR1062.C.M2	Extreme Leak Stop with 30ml Cartridge. Polymer free. Comes with Adaptors 1/4" & 5/16" SAE	5.5 bar	No
	TR1062.L6.J9	Extreme Leak Stop with 6 x 12ml Cartridges. Polymer free		



Super Dry Dehydrator

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708858	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



No Acid Neutraliser

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708859	TR1124.R.J5	No Acid Neutraliser with 42ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors 1/4" & 5/16" SAE	5.5 bar	No



Cool Shot Performance Enhancer

Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708860	TR1122.R.J5	Cool Shot Performance Enhancer with 42ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors 1/4" & 5/16" SAE	5.5 bar	No

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Service Aids

Errecom

Ice Free De-Icing Additive



Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
	TR1123.R.J5	Ice Free De-Icing Additive with 42ml Cartridge. Methanol free. Comes with Flexible One Way 60mm Hose Adaptors $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE	5.5 bar	No

Leak Dyes and Foam



Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708863	TR1068.E.J5	Brilliant UV Yellow Dye. 60ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE	5.5 bar	No
2708861	TR1133.E.J5	Trace Brilliant Dye in bright red dye. 60ml Cartridge. Comes with adaptors $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE		
2708862	TR1134.E.J9	Mineral Trace Brilliant Bright Red Dye. 60ml Cartridge. Comes with Flexible One Way 60mm Hose Adaptors $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE		
	TR1112.01	Flourescent Foam Leak Spray and Dye. 400ml Trigger Pack Working Temperature is -50 to 95°C	N/A	
2708864	TR1108.01	Brilliant Dye Remover. 400ml Trigger Pack		
2708865	TR1109.01	Brilliant Dye Remover. 100ml Trigger Pack		

Leak Detection Kits



Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708868	RK1235.R1	Easy Leak Detection Kit c/w 250ml Self Measure Bottle, Refillable Injector, Stickers, $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE Adaptors, 9 LED UV Torch & Safety Goggles	N/A	N/A

Oil & Acid Detection Kits



Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708869	RK1349	Accurate Acid Test Kit 4 Per Unit. Works with all Lubricants and Provides Contamination Levels	N/A	N/A
2708870	RK1055	Accurate Oil Test Kit 2 Per Unit. Quick, Easy and Accurate Identification of POE, ABZ or Mineral Oil	N/A	N/A

UV Torches



Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
2708866	RK1294	Adjustable Aluminium Focus Bright Torch with Safety Goggles 100% UV Protection	N/A	N/A
	RK1267	5 UV LED Aluminium Bright Torch with Flexible Head and Safety Goggles 100% UV Protection	N/A	N/A

Sanitising Tablets



Cat. No.	Part No.	Description	Suitable for System Pressure	Flammable
	AB1064.01	Sanitising Tablets for Split and Fan Coils Collection Trays.	N/A	N/A

Accessories



Cat. No.	Part No.	Description
2708867	IN1028.01	Booster - Mechanical Amplifier Allows Introduction of Additive when System Pressure is Over 5.5 bar and Below 9 bar
	RK1228	Proflex Metal Adaptors with One Way Valve. Length is 120mm $\frac{1}{4}$ " & $\frac{5}{16}$ " SAE
	IN2016.R1	By Pass Valve for Gauge Connection and Same Time Injection. $\frac{1}{4}$ " SAE Shut Off Valve, $\frac{5}{16}$ " SAE Shut Off Valve for R410A

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
- Compatible with most oils and refrigerants
- Seals multiple leaks
- Detailed application instructions are included with each 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

Cat. No.	Part No.	Description
2700591	947KIT	Super Seal ACR Sealant Kit

Super Seal HVACR

Cat. No.	Part No.	Description
2700595	944KIT	Super Seal HVACR Sealant Kit

Super Seal Commercial

Cat. No.	Part No.	Description
2700596	948KIT	Super Seal Commercial Sealant Kit

Super Seal Premium, seals leaks in mobile R134a and R12

Cat. No.	Part No.	Description
2708628	946KIT	Super Seal Premium Sealant Kit

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.	Part No.	Description	Application Guide
2702886	971KIT	Super Seal Total 1 Kit	67W to 5.3kW - one can
2702887	972KIT	Super Seal Total 2 Kit	5.3kW to 17.6kW - one can 17.6kW & up - two cans

Flash UV Dye

Flash is an easy to use universal UV dye for refrigeration & air conditioning systems and is compatible with all common refrigerants and 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

- Complete kit
- Clean “no mess” installation
- No dye injector needed

Cat. No.	Part No.	Description	Application Guide
2706030	9802KIT	Flash UV Dye Kit	67W to 17.6kW - one can

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





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.



Cat. No.	Part No.	Description	Application Guide
2702888	973KIT	Dry R Kit	67W to 17.8kW - one can 17.8kW & up - two cans

UV Leak Detection System

Cat. No.	Part No.	Description
8001766	9928 KIT	Kit includes, Vector7 UV LED light. Clipinject dye injector, 2 x 14 shot dye cartridges, Swivel injector hose, 1/4" adaptor, service stickers, UV enhancing safety glasses, dye cleaner and drip guards.
2700605	9528 KIT	Clipinject dye injector kit with 2 x 14 shot cartridges.
2706034	87 DC	Vector7 UV inspection lamp. Cordless and rechargeable. Full charge provides up to 5 hours of use. Can be used in broad daylight. Supplied with 240V charger and cigarette lighter charger.
8001781	955028	2 x replacement 14 shot cartridges to suit Clipinject dye injector.
8001782	900008	240ml squeeze measure and pour bottle of UV dye. Required ratio to system lubricant is 40:1.
8001784	805CLN	500ml spray bottle of industrial strength, bio-degradable dye cleaner.



Halide Lamp Leak Detector Accessories

Cat. No.	Part No.	Brand	Description
8001825	BG 1001	Blue Gaz	Gas Cartridge – Screw Type
8001826	"J" Jet		Replacement Jet
8001830	C206	Halogaz	Gas Cartridge

Accessories

Cat. No.	Part No.	Description
2708627	20128	Super Seal R410A Adaptor



SINGLE USE BAG

U.S. Patent No. 6,863,116 Under license from Crossford International LLC



Desolv™

MINI-SPLIT EVAPORATOR COIL/BLOWER FAN CLEANER KIT

Restores efficiency. Protects walls & floors.



Desolv™ Cleaning Kit - Deep clean indoor evaporators of mini-split A/C units that are located in areas where wall and floor protection are necessary. Kit is reusable. Desolv Solution and single use Funnels Bags are sold separately.

3209145

Service Oils



Extol

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
2708652	EXTOL 32 1L	32	1 Litre
2708653	EXTOL 32 4L		4 Litres
2708654	EXTOL 32 20L		20 Litres
2708655	EXTOL 46 1L	46	1 Litre
2708656	EXTOL 46 4L		4 Litres
2708657	EXTOL 46 20L	46	20 Litres
2708631	EXTPSR-1	68	1 Litre
2708632	EXTPSR-4		4 Litres
2708633	EXTPSR-20		20 Litres
	EXTPSR-208		208 Litres

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
2708716	SRO 32 (01)	Polyolester Oil	32	1 Litre
2708717	SRO 32 (04)	Polyolester Oil		4 Litres
2708718	SRO 32 (20)	Polyolester Oil		20 Litres
2708719	SRO 46 (01)	Polyolester Oil	46	1 Litre
2708720	SRO 46 (04)	Polyolester Oil		4 Litres
2708722	SRO 46 (20)	Polyolester Oil		20 Litres
2708723	SRO 68 (01)	Polyolester Oil	68	1 Litre
2708724	SRO 68 (04)	Polyolester Oil		4 Litres
2708725	SRO 68 (20)	Polyolester Oil		20 Litres
2708726	SRO100 (20)	Polyolester Oil	100	20 Litres

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
2708729	HDT 32 (04)	Hydrotreated Mineral Oil	32	4 Litres
2708730	HDT 68 (04)	Hydrotreated Mineral Oil	68	4 Litres
2708731	HDT 68 (20)	Hydrotreated Mineral Oil	68	20 Litres

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
2708732	TB 3 (04)	Mineral Oil	4 Litres
2708733	TB 3 (20)	Mineral Oil	20 Litres
2708734	TB 4 (04)	Mineral Oil	4 Litres
2708735	TB 4 (20)	Mineral Oil	20 Litres

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
2708737	AB 46 (04)	Hydrotreated Mineral Oil	46	4 Litres
2708738	AB 68 (04)	Hydrotreated Mineral Oil	68	4 Litres

Oils



Suniso

Mineral Refrigeration Oils For use with R22, R717 (Ammonia)

Suniso	4 Litre Container	20 Litre Drum	205 Litre Drum
Grade	Cat. No.	Cat. No.	Cat. No.
3GS	2700002	2700000	2700001
4GS	2700004	2700003	2700018
4SA		2700005	2700006

Polyolester Oil

Suniso	1 Litre Container	4 Litre Container	20 Litre Container
Grade	Cat. No.	Cat. No.	Cat. No.
SL32S	2708710	2708711	2708712
SL685	2708713	2708714	2708715

Bitzer

Refrigeration Oils

Cat. No.	Part No.	Type	Description	Container Size
2708639	I06-004	B5	B5 Reciprocating Compressor Oil	4 Litres
2708640	I06-005			20 Litres
2708642	I06-018	BSE 32	Polyolester Compressor Oil	1 Litre
2708643	I06-019			2 Litres
2708644	I06-015			5 Litres
2708645	I06-012			20 Litres
2708647	I06-027	BSE 170	Polyolester Screw Compressor Oil	5 Litres
2708646	I06-028			20 Litres
2708648	I06-033	BSE 60K	Polyolester CO ² Compressor Oil	1 Litre



Maneurop

Refrigeration Oils

Cat. No.	Part No.	Description	Suits	Container Size
2706638	7754001	160P Mineral Oil	MT & SM with R22	2 Litres
2706639	7754002	160P Mineral Oil	MT & SM with R22	5 Litres
2706640	120Z0573	160PZ Polyolester Oil	MTZ, NTZ & MPZ with R404A, R507, R134a & R407C	2.5 Litres
2706641	120Z0571	160SZ Polyolester Oil	SZ with R407C, R134a & R404A & SH with R410A	2.5 Litres



Actrol

Vacuum Pump Oil

Cat. No.	Type	Container Size
2708612	Vacuum Pump Oil Standard	1 Litre
2708613		4 Litres
2708618	Vacuum Pump Oil Suits Shark	1 Litre



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
2708838	TZMGLN	3.78 Litre Synthetic Vacuum Pump Oil
2708839	TZM1PK	Oil Cartridge With Vacuum Pump Oil



Shell

Gadus Grease

Cat. No.	Part No.	Description
2704532	S2V1002	General Purpose Grease

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
2708834	ESC	Oil Absorbent 500 grams

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
2708835	4.9kg	Cleaning Rags

Glycol



Extol

Propylene Glycol Food Grade



Cat. No.	Container Size
2706172	5 Litres
2704340	20 Litres
2704341	215 kg

Flushing Solvents



Extol

Universal Flushing Agent

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 product's 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
2700536	EXTUFA-5	5 Litres
2700533	EXTUFA-20	20 Litres

FlexiTrak

FlexiTrak is your solution to refrigerant and cylinder management.

Refrigerant

Refrigerant purchases are an integral part of your daily business. Summary reports can be generated which simply show the amount of refrigerant purchased in a given period. Date ranges can be altered to meet your requirements. This type of report is perfect for meeting your ARC requirements.

Detailed reports can also be generated.

This report shows the:

date of transaction
refrigerant type and volume
invoice number
order number
job number/name
trades person
Solutions Card user

Importantly FlexiTrak also records the amount of reclaim refrigerant returned.

Cylinders

Controlling your cylinder fleet will minimise the costs associated with lost refrigerant and cylinders.

Summary and detailed reports are available. A summary report simply shows the amount of each type of refrigerant cylinder currently out whereas a detailed report shows the:

date of transaction
cylinder serial number
cylinder description including refrigerant type and volume
invoice number
order number
job number/name
trades person
Solutions Card name and number

Reports are easily generated via My Account and can be downloaded to CSV or PDF. Reports can also be obtained from any Actrol branch.





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	Cat. No.	Refrig.	Cyl. Contents kg	Cat. No.	Refrig.	Cyl. Contents kg
2800107	R22	12	2800106	R134a	12	2800109	R410A	10
2800004		22	2800104		22	2800105		18
2800005		65	2800012		65	2800103		60
2800002		480	2800009		480	2800020		380
2800003		820	2800010		810	2800021		610
2800025	R408A	8	2800110	R404A	10	2800059	R427A	9
2800026		18	2800032		18	2800060		20
2800015	R409A	10	2800033		57	2800061		60
2800016		20	2800030		380	2800101		12
2800017		65	2800031		770	2800100		22
2800049	R123	91*	2800108	R407C	11	2800067	R438A	9
2800048	R124	10	2800043		20	2800068		20
			2800102		65	2800069		60
			2800042		660	2800111	R507	10
			2800063	R407F	9	2800037		18
			2800064		20	2800038		57
			2800065		60	2800036		770
			2800053	R413A	10	2750131	R23	9

Ammonia

Cat. No.	Refrigerant	Cylinder Contents kg
2800050	R717	34
2800051		385

Refrigerants

Carbon Dioxide

R744 (CO₂) is refrigerant grade CO₂. With an Ozone Depleting Potential (ODP) of 0 and a Global Warming Potential (GWP) of 1, R744 (CO₂) is a natural refrigerant. CO₂ refrigeration systems work at very high operating pressures. Refrigeration systems that contain R744 (CO₂) require strict controls on moisture, oil and other contaminants. The moisture content is ultra low, less than 5 ppm. Vapour R744 (CO₂) cylinders are available for initial pressurisation of systems, whilst liquid R744 (CO₂) provides the required charge your system needs to operate efficiently

Cat. No.	Description	Cylinder Size
2800076	R744 CO ₂ Liquid	E
2800077	R744 CO ₂ Vapour	E
2800078	R744 CO ₂ Liquid	G
2800079	R744 CO ₂ Vapour	G

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 R410Aw

Cat. No.	Water Fill Capacity kg	Max Fill kg
2712677	20	17
2712678	65	52

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 sealed
- Dual inlet & outlet valves suitable for push/pull recovery
- Suitable for all common refrigerants including R410A

Cat. No.	Water Fill Capacity kg	Max Fill kg
2712679	20	17
2712680	65	52

Refrigerant Trading Authorisation AU06444

SEE THE DIFFERENCE WITH FORANE® 427A



It's easy to see why Forane® 427A refrigerant is the clear choice for R-22 retrofits. Forane® 427A is a better match to R-22 than other retrofits over a wide range of applications, offering close capacity and pressures to R-22. See the difference with Forane® 427A - The Easy Retrofit™.

See the benefits at ark.ma/husky



Forane is a registered trademark and
The Easy Retrofit is a trademark of Arkema.

FORANE®
REFRIGERANTS
BY **ARKEMA**

kylie.farrelley@arkema.com

Industrial Gas



Dry Nitrogen

Cat. No.	Part. No.	Description	Cylinder Size	Contents m ³ (101.325 kPa @ 15C)	Average Weight (Full) kg	Average Weight (Empty) kg
2800074	Nitrogen D	Dry Nitrogen	D	1.5	13.8	12
2800075	Nitrogen E		E	3.5	27	22

Trace A Gas

Trace A Gas is a premium leak detection solution. It is comprised of a 5% Hydrogen and 95% Nitrogen mixture which is non-flammable, non-toxic and safe for the environment.

When put into a closed system, leak detectors capable of sensing hydrogen are used to detect leaks. It is considered the most sensitive leak detection method.

Cat. No.	Description	Cylinder Size	Volume
2800090	Trace A Gas	D size	10 litre



Tesuco

Nitrogen Regulator

Cat. No.	Part No.	Description
7001751	RI1SNI60	Nitrogen Regulator 6000kPa, 1/4" SAE Flare Outlet with 5/16" SAE Flare Adaptor

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 ³ @ 20C	Average weight (Full) kg	Average weight (Empty) kg
7001851	GTNI2	Disposable Dry Nitrogen	2.2 Litres	0.22	2.15	1.72

Regulator for Disposable Nitrogen Cylinders

Cat. No.	Part No.	Description
8000072	RG1MNI15	Nitrogen Regulator 1500kPa, 1/4" SAE Flare Outlet