

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.

Features

- Fibreglass filter network provides 20 micron filtration
- Soluble contaminant capacities for water and acid technology out-performing its competitors
- Desiccant blend: 75% molecular sieve and 25% activated alumina making the EK Series drier stand alone in the market place as the most efficient drier of today.
- Maximum Working Pressure: 4688 kPa
- Copeland approved for POE oils



Cat No.	Part No.	Connections		Liquid Flow Capacity @ 7 kPa Pressure Drop kW				Nominal System Capacity: kW					Dimensions: mm		List Price \$ Exc. GST	
								Refrig. Low Temp. & Commercial Installations			A/C Field Replace. & Field Install.		O/All Length	Body Diam.		
		M. Flare	Solder	R134a	R22	R404A R507	R410A	R134a	R22	R404A R507	R134a	R22				
171002	EK032	1/4"		7	7.7	5.3	7.7							111		\$34.77
171003	EK032S		1/4"	9.5	10.2	6.7	10.2							98		\$34.77
171006	EK033	3/8"		10.6	11.3	7.4	11.3	0.9	0.9	0.9	1.8	1.8		119	41	\$34.77
171007	EK033S		3/8"	10.6	11.6	7.7	11.6							103		\$34.77
171008	EK052	1/4"		7.4	8.1	5.3	8.1							122		\$43.23
171009	EK052S		1/4"	11.6	12.7	8.4	12.7	1.2	1.2	1.2	2.6	2.6		113		\$43.23
171010	EK053	3/8"		12.3	13.4	8.8	13.4				5.3	7		130		\$43.23
171011	EK053S		3/8"	15.5	16.9	11.3	17.2							114		\$43.23
171014	EK082	1/4"		8.1	8.8	6	8.8	1.8	1.8	1.8	2.6	3.5		143		\$56.14
171015	EK082S		1/4"	10.9	12	8.1	12							133		\$56.14
171016	EK083	3/8"		14	15.1	10.2	15.5							151		\$56.14
171017	EK083S		3/8"	15.8	17.2	11.6	17.6	3.5	3.5	3.5	7	7		135		\$56.14
171018	EK084	1/2"		23.5	25.7	17.2	26							157		\$59.85
171013	EK084S		1/2"	25	27	18.3	27.4	5.3			4	10.6	10.6	137	67	\$59.85
171020	EK162	1/4"		8.1	8.4	5.6	8.8							167		\$66.31
171019	EK162S		1/4"	10.9	12	8.1	12.3	3.5	5.3		2.6	3.5	5.3	157		\$66.31
171021	EK163	3/8"		13.7	15.1	10.2	15.1							175		\$66.31
171022	EK163S		3/8"	15.5	16.9	11.2	17.2	7	8.8				10.6	159		\$66.31
171023	EK164	1/2"		25.3	27.4	18.3	27.8							179		\$68.22
171024	EK164S		1/2"	30	32.3	21.8	32.7							160		\$68.22
171025	EK165	5/8"		34.1	36.9	24.6	37.3	8.8						191		\$77.69
171026	EK165S		5/8"	35.5	38.3	25.7	38.7							167		\$77.69
171028	EK303	3/8"		15.1	16.5	10.9	16.5							244		\$125.51
171027	EK303S		3/8"	22.1	23.9	15.8	23.9	10.6			7	10.6	14	229		\$125.51
171029	EK304	1/2"		28.5	30.9	20.7	31.0							251		\$125.51
171030	EK304S		1/2"	35.2	38	25.3	38.0				10.6	17.6		232	78	\$125.51
171031	EK305	5/8"		37.3	40.4	27	47.5							262		\$122.38
171032	EK305S		5/8"	44	47.5	31.6	47.5	14	17.6		17.6	26.4		237		\$125.51
171034	EK306	3/4"														\$143.04
1710321	EK306S		3/4"	52	56.3	37.6	56.2							246		\$143.04
171033	EK307S		7/8"	59	64	42.9	64.6	17.6	26.4	17.6	26.4	35.2		251	78	\$143.04
171041	EK413	3/8"		15.1	16.5	10.9	16.5							248		\$191.58
171036	EK414	1/2"		36.5	39.7	26.4	39.8							254		\$191.68
171037	EK414S		1/2"	38	41.1	27.4	41.2	17.6	17.6	17.6	17.6	26.4		235		\$194.13
171038	EK415	5/8"		42.2	45.7	30.6	15.7							265		\$193.48
171039	EK415S		5/8"	59.8	64.7	43.2	64.7	26.4	26.4	26.4	26.4	26.4		240	94	\$193.48
171035	EK416	3/4"														\$193.48
171040	EK417S		7/8"	71.4	77.4	51.7	77.4	35.2	35.2	26.4	35.2	35.2		254		\$193.48
171042	EK757S		7/8"	78	84	56.6	84.8	52.7	52.7	35.2	52.7	70.3		392		\$360.48
171044	EK759S		1 1/8"	115	124	83	124.6	70.3	88	52.7	70.3	88		400		\$366.31

(1) Flow Capacities in accordance with ARI Standard 710-86, 30°C liquid temperature, -15°C Saturated Vapour Temperature and 7 kPa pressure drop across the drier.
 (2) Nominal system capacity applies to common installations with liquid temperatures up to 30°C and evaporating temperatures down to -15°C. The next larger size should be selected for installations with lower evaporating temperatures, excessive pipe length, excessive refrigerant content or other. The next smaller model can be selected in factory assembled units (low humidity content, low dirt contamination) and/or for higher evaporating temperatures.

Filter Driers

Alco 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						List Price \$ Exc. GST			
		M. Flare	Solder	R134a	R22	R404A R507	Refrig. Low Temp. & Commercial Installations			A/C Field Replace. & Field Install.						
							R134a	R22	R404A R507	R134a	R22	R404A R507				
171060	BOK 082	1/4"		4.9	5.6	3.5	1.8	1.8	1.8	2.6	3.5	2.6	\$73.34			
171061	BOK 83	3/8"		13.7	14.8	9.8	4	3.5	3.5	7	7	7	\$73.34			
171062	BOK 162	1/4"		4.9	5.6	3.5	4	5.3	2.6	3.5	5.3	3.5	\$97.52			
171063	BOK 163	3/8"		15.1	16.5	10.9	7	7	7	10.6	10.6	7	\$96.30			
171073	BOK 163S		3/8"	20.4	22.2	14.8							\$96.35			
171064	BOK 164	1/2"		29.9	32.7	21.8							\$103.60			
171074	BOK 164S		1/2"	35.9	39	26							\$103.60			
171065	BOK 165	5/8"		45.4	48.9	32.7							17.6	17.6	14	\$110.27
171075	BOK 165S		5/8"	45.4	48.9	32.7										\$110.27
171068	BOK 305	5/8"		47.5	51.3	34.5							14	17.6	17.6	26.4
171082	BOK 417S		7/8"	69.6	75.6	50.6	35	35	26.4	35	35	26.4	\$245.52			

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Alco BFK Series Bi-Directional Liquid Line Heat Pump Filter-Drier

Alco 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	List Price \$ Exc. GST									
		M. Flare	Solder	R22	R410A	R407C	Liquid Temperature												
							24C	52C	24C		52C	24C	52C						
171045	BFK 052	1/4"		5.6	5.6	5.6	73	66	39	35	58	42	\$106.78						
171046	BFK 053	3/8"		10.5	10.5	10.2							\$108.06						
171051	BFK 083	3/8"		15.8	15.8	15.5	159	144	85	75	106	79	\$110.44						
1710511	BFK 083S		3/8"	17.9	17.9	17.6							\$110.44						
171052	BFK 084	1/2"		22.5	22.5	22.2							\$113.13						
171049	BFK 084S		1/2"	23.6	23.6	23.2							\$113.13						
171053	BFK 085	5/8"		27.4	27.4	27.1							\$116.52						
171050	BFK 085S		5/8"	28.5	28.5	27.8							\$116.52						
171054	BFK 163	3/8"		16.2	16.2	15.8							323	294	179	160	237	179	\$122.44
171058	BFK 163S		3/8"	18.3	18.3	17.9	\$122.44												
171055	BFK 164	1/2"		27.1	27.1	26.7	\$130.17												
171059	BFK 164S		1/2"	28.5	28.5	27.8	\$130.17												
171056	BFK 165	5/8"		29.2	29.2	28.5	\$136.84												
171057	BFK 165S		5/8"	30.6	30.6	29.9	\$136.84												
1710591	BFK 167S		7/8"	37.1	37.6	36.4	\$139.69												
171048	BFK 307S		7/8"	58.7	58.7	57.7	585	532	415	293	452	345							\$204.67

Filter Driers

Alco

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
- High performance special decciant 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
- Dual Access Valves

Cat No.	Part No.	Conn. Solder	Suction Line Flow Capacity: kW												List Price \$ Exc. GST		
			R134a				R22				R404,R507						
			Evaporating Temperature: °C														
			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	4.6	3.2	2.1	1.0	4.6	2.8	1.7	1.05	0.7	\$116.71
172031	CSFD14S5V V	5/8"	8.1	5.3	3.0	1.7	12.7	8.4	5.6	3.5	1.7	9.1	5.9	3.9	2.46	1.0	\$116.71
172032	CSFD14S6V V	3/4"	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	\$119.61
172033	CSFD14S7V V	7/8"	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	\$122.45
172034	CSFD14S9V V	1 1/8"	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	\$133.74

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 models 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.	Conn.		Suction Line Flow Capacity: kW												List Price \$ Exc. GST		
				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					
172018	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	\$146.32
172019	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	\$144.17
172020	SFD 13F4-V V	1/2"		5.3	3.5	2.1	1	8.4	5.6	3.9	2.5	1.4	7.4	4.6	3.2	1.8	1	\$146.32
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	\$146.32
172022	SFD 13F5-V V	5/8"		8.8	6	3.9	2.1	13	8.4	5.6	3.5	2.1	11.3	7	4.9	3.2	1.8	\$148.36
172023	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	\$149.96
172024	SFD 13S6-V V		3/4"	14.4	9.5	6	3.2	22.5	14.8	9.8	6.3	3.5	19.7	12.3	8.1	4.9	2.5	\$153.20
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	\$153.20
172025	SFD 27S7-V V		7/8"	16.5	10.9	6.7	3.5	26.4	16.9	11.3	7	3.9	22.9	14.4	9.5	5.6	2.8	\$153.20
172026	SFD 27S9-V V		1 1/8"	18.3	12	7	3.5	29.9	19	12.3	7.4	3.9	26.4	16.2	10.6	6	3.2	\$153.20
172027	SFD 54S11-V V		1 3/8"	15.8	10.2	6	3.2	25.7	16.2	10.6	6.3	3.5	22.5	13.7	8.8	5.3	2.5	\$348.19
172028	SFD 54S13-V V		1 5/8"	16.2	10.6	6.3	3.2	26	16.5	11.3	7	3.5	22.9	14.1	9.1	5.6	2.8	\$362.67

All ratings in accordance with ARI Standard 730-86