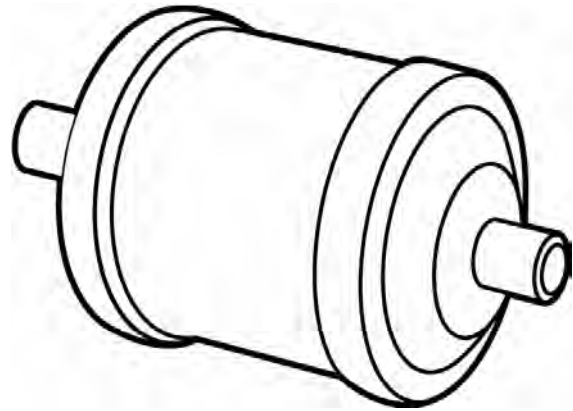


PARKER BI-FLOW FILTER DRIERS — BF SERIES-M

The “BF” Series bi-flow drier is designed specifically for heat pump or reverse cycle application. External check valves are not required since they are incorporated within the filter drier shell. The core design filters out contaminant particles down to 25 microns.

KEY FEATURES AND BENEFITS

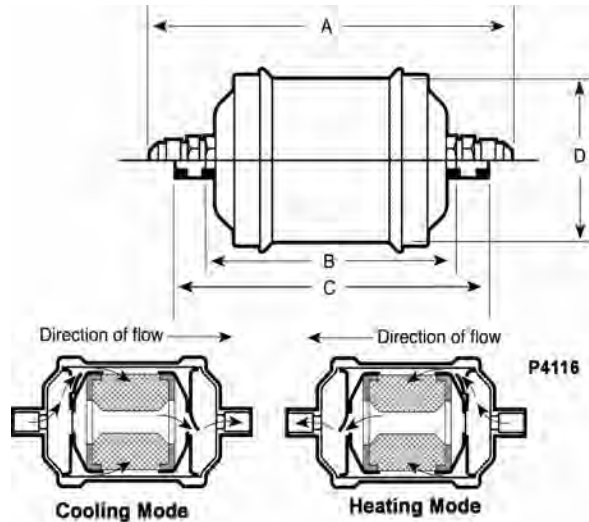
- 100% copper sweat or nickel plated flare fittings.
- Desiccant core provides reliable and effective removal of solid contaminants, acid and moisture.
- Core is cushioned in fiber gaskets to protect core and to insure trouble-free performance.
- Powder paint exterior coating surpasses 500 hour ASTM salt spray test and resists corrosion.
- U.L. listed file SA3441, CSA certified LR46423



P4115

Bi-Flow Driers — DIMENSIONS

MODEL		FITTING	SYSTEM CUTOUT LENGTH			
Flare	Sweat	SIZE (in.)	“A”	“B”	“C”	“D”
	BF082S	1/4		4.10	5.27	2.50
BF083	BF083S	3/8	6.09	4.10	5.27	2.50
BF084	BF084S	1/2	6.35	4.10	5.41	2.50
	BF162S	1/4		4.10	5.92	2.50
BF163	BF163S	3/8	6.75	4.75	5.92	2.50
BF164	BF164S	1/2	7.00	4.75	6.06	2.50
	BF165S	5/8		4.75	6.30	2.50



Refrigerant Holding Capacities for Bi-Flow Driers (in oz. of refrigerant @ 100° F)

MODEL SERIES	R-12	R-22	R-134a	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
BF080	8.17	7.39	7.48	7.27	7.27	6.39	6.74	6.87	6.34	6.97	7.07	6.98	6.44	7.46	6.34
BF160	9.54	8.63	8.74	8.49	8.49	7.47	7.87	8.03	7.40	8.14	8.26	8.16	7.52	8.72	7.41

Bi-Flow Drier Water Crop Capacity at ARI Conditions

MODEL SERIES	R-12 (15 ppm) 75° F/125° F	R-22 (60 ppm) 75° F/125° F	R-134a (150 ppm) 75° F/125° F	R-401A/B (50 ppm) 75° F/125° F	R-401C (50 ppm) 75° F/125° F	R-402A (50 ppm) 75° F/125° F	R-402B (50 ppm) 75° F/125° F
BF080	105/102	95/88	104/ 99	102/ 92	99/91	103/ 93	103/ 93
BF160	148/144	134/124	147/140	144/130	140/129	146/132	146/132

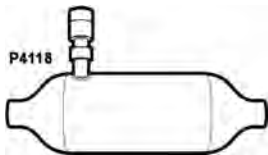
MODEL SERIES	R-404A (50 ppm) 75° F/125° F	R-407A (50 ppm) 75° F/125° F	R-407B (50 ppm) 75° F/125° F	R-407C (50 ppm) 75° F/125° F	R-410A (50 ppm) 75° F/125° F	R-502 (50 ppm) 75° F/125° F	R-507A (50 ppm) 75° F/125° F
BF080	103/97	68/62	68/62	73/65	56/50	97/91	104/98
BF160	146/137	97/87	97/87	103/93	79/71	137/129	148/138

PARKER BI-FLOW FILTER DRIERS — BF SERIES

PART NO	MODEL NO	FILTER AREA	R-12	R-22	R-134a	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
031653-01	BF082S	10.4	1.6	2.1	1.9	2.2	2.2	1.9	1.4	1.7	1.4	1.9	1.5	2.0	2.1	1.4	1.4
031653-02	BF083S	10.4	2.1	2.8	2.6	2.9	2.9	2.6	1.9	2.2	1.8	2.5	2.0	2.7	2.8	1.8	1.8
031653-03	BF084S	10.4	2.7	3.5	3.2	3.6	3.6	3.2	2.4	2.8	2.3	3.1	2.5	3.4	3.5	2.3	2.3
031653-04	BF083	10.4	2.1	2.8	2.6	2.9	2.9	2.6	1.9	2.2	1.8	2.5	2.0	2.7	2.8	1.8	1.8
031653-09	BF084	10.4	2.7	3.5	3.2	3.6	3.6	3.2	2.4	2.8	2.3	3.1	2.5	3.4	3.5	2.3	2.3
031653-05	BF162S	14.4	1.6	2.1	1.9	2.2	2.2	1.9	1.4	1.7	1.4	1.9	1.5	2.0	2.1	1.4	1.4
031653-06	BF163S	14.4	2.2	2.9	2.6	3.0	3.0	2.6	2.0	2.3	1.9	2.5	2.0	2.8	2.9	1.9	1.9
031653-07	BF164S	14.4	2.7	3.5	3.2	3.6	3.6	3.2	2.4	2.8	2.3	3.1	2.5	3.4	3.5	2.3	2.3
031653-11	BF165S	14.4	3.7	4.9	4.5	5.1	5.1	4.5	3.3	3.9	3.2	4.3	3.5	4.8	4.9	3.2	3.2
031653-08	BF163	14.4	2.1	2.8	2.6	2.9	2.9	2.6	1.9	2.2	1.8	2.5	2.0	2.7	2.8	1.8	1.8
031653-10	BF164	14.4	2.7	3.5	3.2	3.6	3.6	3.2	2.4	2.8	2.3	3.1	2.5	3.4	3.5	2.3	2.3

PARKER COPPER SUCTION LINE DRIER (Cu SLD SERIES)

Copper Suction Line Dryer Data



- High-acid solid core design.
- Flow capacities from 1/6 through 2-1/2 tons.
- Access valve to check system pressure or charge through.
- Applications include refrigerators, freezers, ductless A/C and PTAC units.

NOTE: Model Cu SLD 5/16 is 100% XH6 molecular sieve. Models Cu SLD-3S & 4S are 50% molecular sieve and 50% activated alumina.

PART NO	DESCRIPTION	MAXIMUM FLOW RATE						SYSTEM OA LENGTH (in)	CUTOUT LENGTH (in)
		22/ 402	134a	401A/B	404A, 502, 507	407A/B	410A		
031589-00	CuSLD 5/16 Copper Solid Core Suction Line Dryer	1/3	1/4	1/4	1/3	1/3	1/2	5.31	4.63
032104-00	CuSLD-3S Copper Solid Core Suction Line Dryer	2-1/2	2	2	2	2-1/2	2-1/2	6.71	6.00
032104-01	CuSLD-4S Copper Solid Core Suction Line Dryer	2-1/2	2	2	1-1/2	2-1/2	2-1/2	6.71	6.00

Copper Suction Line Dryer Water Capacity in Drops at 75° F

PART NO	DESCRIPTION	FITTING TYPE & SIZE	R-12	R-22	R-134a	R-401A/B	R-401C	R-402A/B	R-404A	R-407A/B	R-407C	R-410A	R-502	R-507A
031589-00	CuSLD 5/16 Copper Solid Core Suction Line Dryer	5/16 Sweat	69.4	62.8	68.7	67.2	65.4	68.1	68.3	45.2	48.1	37.1	63.9	69
032104-00	CuSLD-3S Copper Solid Core Suction Line Dryer	3/8 Sweat	107.8	97.5	106.6	104.3	101.5	105.8	106	70.1	74.7	57.6	99.2	107.2
032104-01	CuSLD-4S Copper Solid Core Suction Line Dryer	1/2 Sweat	107.8	97.5	106.6	104.3	101.5	105.8	106	70.1	74.7	57.6	99.2	107.2