

BOK-HH Liquid Line Burnout Filter-Drier

The BOK-HH is a liquid line filter-drier for burnout clean-up and wax removal. The BOK-HH incorporates an activated carbon blended solid core for the effective clean-up of systems following a severe burnout.

Features

- Designed for maximum effectiveness in the clean-up of systems following a severe burnout
- Corrosion resistant epoxy powder paint finish
- Activated carbon blend for soluble contaminant and wax removal
- Solid copper connections

Nomenclature

example: BOK 305S-HH

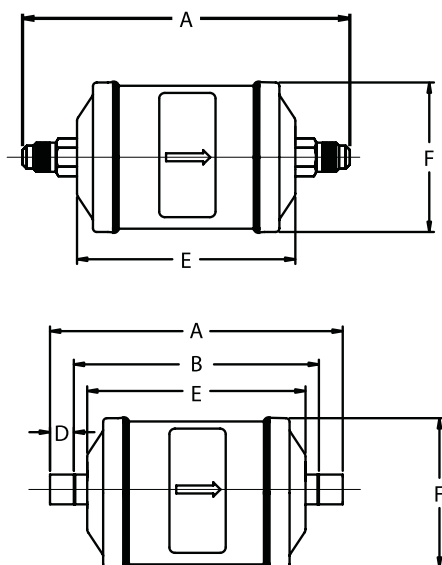
BOK	30	5	S	HH
Series	Unit Size (in cu. in.)	Connection Size (in 1/8")	S = ODF connections (omit for SAE)	Activated carbon Blend



Specifications

- Filtration: 40 microns
- Maximum working pressure: 680 psig
- UL/CUL file number: SA 3124

Dimensional Data



Ordering Information

PCN	Description	Connection Size	Dimensions (in)					Weight (lbs)
			A	B	D	E	F ¹	
060223	BOK-082-HH	1/4 SAE	5.63	--	--	3.94	2.94	1.00
060224	BOK-083-HH	3/8 SAE	5.94	--	--			
060240	BOK-162-HH	1/4 SAE	6.44	--	--			
064592	BOK-162S-HH	1/4 ODF	6.03	5.29	0.38	4.63	3.13	
060241	BOK-163-HH	3/8 SAE	6.75	--	--	3.94	2.94	2.00
060242	BOK-163S-HH	3/8 ODF	6.13	5.25	0.94	4.63	2.88	
060228	BOK-164-HH	1/2 SAE	6.94	--	--			
060229	BOK-164S-HH	1/2 ODF	6.19	5.16	0.50			
060230	BOK-165-HH	5/8 SAE	7.44	--	--	7.50	3.06	3.75
060231	BOK-165S-HH	5/8 ODF	6.38	5.13	0.63			
060232	BOK-303-HH	3/8 SAE	9.63	--	--			
060233	BOK-304-HH	1/2 SAE	9.88	--	--	7.50	3.06	
060234	BOK-304S-HH	1/2 ODF	9.13	8.13	0.50			
060235	BOK-305-HH	5/8 SAE	10.31	--	--			
060236	BOK-305S-HH	5/8 ODF	9.31	8.06	0.63	7.50	3.06	
060237	BOK-414-HH	1/2 SAE	10.00	--	--			
060238	BOK-415-HH	5/8 SAE	9.25	8.25	0.50			
060239	BOK-417S-HH	7/8 ODF	10.44	--	--	7.63	3.69	4.75
064593	BOK-415S-HH	5/8 ODF	9.25	8.25	0.50			

¹ Does not include weld bead

Liquid Refrigerant Holding Capacity - Ounces

Unit Size	R-12		R-134a		R-22		R-407C		R-410A		R-404A/507		R-502	
	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F
08	7.3	6.6	6.7	6.0	6.6	5.9	6.3	5.5	5.9	4.9	5.8	4.9	6.7	5.9
16	13.9	12.7	12.8	11.5	12.6	11.3	12.0	10.5	11.2	9.4	11.1	9.3	12.9	11.3
30	21.8	19.9	20.1	18.1	19.8	17.8	18.9	16.6	11.7	14.9	17.4	14.7	20.2	17.7
41	29.3	26.8	26.9	24.4	26.6	23.9	25.4	22.3	23.7	20.0	23.3	19.7	27.2	23.8

BOK-HH Capacity Tables

Description	Connections	Flow Capacity ^{1,4} Tons @ 1 psi ΔP (For kW, multiply tons by 3.5)							Water Capacity ² Drops Of Water ³													
									R-12		R-134a		R-22		R-407C		R-410A		R-404A/R-507		R-502	
		R-12	R-134a	R-22	R-410A	R-407C	R-404A/R-507	R-502	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F
BOK 08 2-HH	1/4 SAE	1.2	1.5	1.6	1.6	1.6	1.1	1.0	180	118	88	71	78	59	74	45	66	38	93	71	109	79
BOK 08 3-HH	3/8 SAE	3.2	3.9	4.2	4.2	4.1	2.8	2.7														
BOK 16 2-HH	1/4 SAE	1.2	1.5	1.6	1.6	1.6	1.1	1.0	209	143	171	141	153	117	91	56	77	41	182	141	135	100
BOK 16 3-HH	3/8 SAE	3.6	4.3	4.7	4.7	4.6	3.1	3.1														
BOK 16 3S-HH	3/8 ODF	4.8	5.8	6.3	6.3	6.2	4.2	4.1														
BOK 16 4-HH	1/4 SAE	7.0	8.6	9.3	9.3	9.1	6.2	6.0														
BOK 16 4S-HH	1/4 ODF	8.4	10.2	11.1	11.1	10.9	7.4	7.2														
BOK 16 5-HH	5/8 SAE	10.5	12.8	13.9	13.9	13.6	9.3	9.0														
BOK 16 5S-HH	5/8 ODF	10.5	12.8	13.9	13.9	13.6	9.3	9.0	552	367	300	245	267	204	234	146	160	94	318	247	342	249
BOK 30 3-HH	3/8 SAE	3.6	4.3	4.7	4.7	4.6	3.1	3.1														
BOK 30 4-HH	1/2 SAE	8.1	9.9	10.7	10.7	10.5	7.2	7.0														
BOK 30 4S-HH	1/2 ODF	8.9	10.8	11.7	11.7	11.5	7.8	7.6														
BOK 30 5-HH	5/8 SAE	11.1	13.5	14.6	14.6	14.3	9.8	9.5														
BOK 30 5S-HH	5/8 ODF	12.0	14.6	15.8	15.8	15.5	10.6	10.3														
BOK 41 4-HH	1/4 SAE	8.4	10.2	11.1	11.1	10.9	7.4	7.2	623	410	427	344	379	282	256	155	220	125	454	342	380	274
BOK 41 5-HH	5/8 SAE	13.4	16.3	17.7	17.7	17.4	11.8	11.5														
BOK 41 5S-HH	5/8 ODF	13.4	16.3	17.7	17.7	21.1	14.4	14.0														
BOK 41 7S-HH	7/8 ODF	16.3	19.8	21.5	21.5	21.1	14.4	14.0														

¹ All ratings in accordance with ARI Standard 710-04. 86°F liquid refrigerant temperature
5°F saturated vapor temperature
3.1 lbs./min./ton for R-134a
2.9 lbs./min./ton for R-22 and R-407C
4.0 lbs./min./ton for R-404A/507 and R-12
4.4 lbs./min./ton for R-502
2.7 lbs./min./ton for R-410A

² Water Capacities are based on:
Equilibrium Point Dryness (EPD) of:
50 parts per million for R-134a, R404-A/507,
R-410A and R-407C
60 parts per million for R-22
15 parts per million for R-12
30 parts per million for R-502

³ 20 drops of water = 1 gram = 1 cc

⁴ For 2 PSI ΔP, Multiply values by 1.4