



BOK 304SHH

BOK SERIES HERMETIC LIQUID LINE FILTER DRIERS

The BOK is a liquid line filter drier for burnout clean-up and wax removal.

FEATURES

- Activated carbon blend for soluble contaminant and wax removal
- Solid copper connections
- Corrosion resistant epoxy powder paint finish

SPECIFICATIONS

Filtration 40 microns
 Maximum Working Pressure..... 680 psig (47 bar)
 UL/CUL File Number SA3124
 Canadian CRN 0E21971.513467890YTN

MODEL NUMBER NOMENCLATURE - Example: BOK 3055-HH

SERIES	UNIT SIZE	CONNECTION SIZE	CONNECTION STYLE	DESICCANT TYPE	SEQUENTIAL IDENTIFIER	CUSTOMER SPECIAL	PACK TYPE
BOK	30	5	S	HH			
Hermetic Liquid Line Filter Driers	In Cubic In.	In 1/8" Increments	S = ODF	HH = Activated Carbon	Blank Thru -99	G = Customer Special (Omit for Standard)	B1 = Bulk Pack (Omit for Individual Pack)

BOK LIQUID LINE FILTER DRIERS & CAPACITY TABLE

MODEL NUMBER	ITEM NUMBER	UNIT SIZE (CUBIC INCHES)	INLET X OUTLET CONN. SIZE	FLOW CAPACITY ¹⁴ TONS @ 1 PSI ΔP (FOR KW, MULTIPLY TONS BY 3.5)						WATER CAPACITY ² DROPS OF WATER ³															
				R-22 / R-448A / R-449A	R-134a / R-450A / R-513A	R-404A / R-507	R-407C	R-410A	R-744	R-22		R-134a		R-404A / R-507		R-407C		R-410A		R-448A / R-449A		R-450A / R-513A		R-744	
										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	14°F	75°F
BOK 082HH	060223	8	1/4" X 1/4" SAE	1.6	1.5	1.1	1.6	1.6	2.1	78	59	88	71	93	71	74	45	66	38	32	30	40	37	51	63
BOK 082SHH	064591	8	1/4" X 1/4" ODF	3.4	3.1	2.2	3.3	3.4	4.4																
BOK 083HH	060224	8	3/8" X 3/8" SAE	4.2	3.9	2.8	4.1	4.2	5.4																
BOK 083SHH	064572	8	3/8" X 3/8" ODF	4.6	4.2	3.0	4.5	4.6	5.9																
BOK 162HH	060240	16	1/4" X 1/4" SAE	1.6	1.5	1.1	1.6	1.6	2.1	153	117	171	141	182	141	91	56	77	41	67	61	83	76	93	113
BOK 163HH	060241	16	3/8" X 3/8" SAE	4.7	4.3	3.1	4.6	4.7	6.1																
BOK 163SHH	060242	16	3/8" X 3/8" ODF	6.3	5.8	4.2	6.2	6.3	8.1																
BOK 164HH	060228	16	1/2" X 1/2" SAE	9.3	8.6	6.2	9.1	9.3	12.0																
BOK 164SHH	060229	16	1/2" X 1/2" ODF	11.1	10.2	7.4	10.9	11.1	14.3																
BOK 165HH	060230	16	5/8" X 5/8" SAE	13.9	12.8	9.3	13.6	13.9	17.9																
BOK 165SHH	060231	16	5/8" X 5/8" ODF	13.9	12.8	9.3	13.6	13.9	17.9																
BOK 303HH	060232	30	3/8" X 3/8" SAE	4.7	4.3	3.1	4.6	4.7	6.1																
BOK 304HH	060233	30	1/2" X 1/2" SAE	10.7	9.9	7.2	10.5	10.7	13.8																
BOK 304SHH	060234	30	1/2" X 1/2" ODF	11.7	10.8	7.8	11.5	11.7	15.1																
BOK 305HH	060235	30	5/8" X 5/8" SAE	14.6	13.5	9.8	14.3	14.6	18.8	267	204	300	245	318	247	234	146	160	94	119	108	148	135	167	203
BOK 305SHH	060236	30	5/8" X 5/8" ODF	15.8	14.6	10.6	15.5	15.8	20.4																

BOK LIQUID LINE FILTER DRIERS & CAPACITY TABLE (CONTINUED)

MODEL NUMBER	ITEM NUMBER	UNIT SIZE (CUBIC INCHES)	INLET X OUTLET CONN. SIZE	FLOW CAPACITY ^{1,4} TONS @ 1 PSI ΔP (FOR KW, MULTIPLY TONS BY 3.5)						WATER CAPACITY ² DROPS OF WATER ³															
				R-22 / R-448A / R-449A	R-134a / R-450A / R-513A	R-404A / R-507	R-407C	R-410A	R-744	R-22		R-134a		R-404A / R-507		R-407C		R-410A		R-448A / R-449A		R-450A / R-513A		R-744	
										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	75°F	125°F
BOK 414HH	060237	41	1/2" X 1/2" SAE	11.1	10.2	7.4	10.9	11.1	14.3	379	282	427	344	454	342	256	155	220	125	163	150	204	186	249	305
BOK 415HH	060238	41	5/8" X 5/8" SAE	17.7	16.3	11.8	17.4	17.7	22.8																
BOK 415SHH	064593	41	5/8" X 5/8" ODF	17.7	16.3	14.4	21.1	17.7	22.8																
BOK 417SHH	060239	41	7/8" X 7/8" ODF	21.5	19.8	14.4	21.1	21.5	27.7																

¹ All ratings in accordance with ARI Standard 710-04. 86oF 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
 2.7 lbs./min./ton for R-410A
 5 Since there is currently no ARI standard for R-744, values are based on 1 ton of refrigeration at 20°F liquid refrigerant temperature and -20°F saturated vapor temperature.

² Water Capacities are based on:
 Equilibrium Point Dryness (EPD) of:
 50 parts per million for R-134a,
 R404-A/507, R-410A, R-407C, and R-744
 60 parts per million for R-22
 15 parts per million for R-12

³ 20 drops of water = 1 gram = 1 cc
⁴ For 2 PSI ΔP, Multiply values by 1.4

LIQUID REFRIGERANT HOLDING CAPACITY-OUNCES

UNIT SIZE	R-134a		R-22		R-407C		R-410A		R-404A / 507		R-448A / R-449A		R-450A / R-513A		R-744	
	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	20°F	-20°F
08	6.7	6.0	6.6	5.9	6.3	5.5	5.9	4.9	5.8	4.9	6.0	5.4	6.4	5.8	5.3	5.9
16	12.8	11.5	12.6	11.3	12.0	10.5	11.2	9.4	11.1	9.3	11.7	10.4	12.4	11.2	10.1	11.3
30	20.1	18.1	19.8	17.8	18.9	16.6	17.6	14.9	17.4	14.7	18.3	16.3	19.4	17.6	16.0	17.7
41	26.9	24.4	26.6	23.9	25.4	22.3	23.7	20.0	23.3	19.7	24.5	21.8	26.1	23.6	21.4	23.8