



BSL 0835S



BSB 083S



BSS 167S

## BUILDER SERIES HERMETIC FILTER DRIERS

The Builder Series is a hermetic filter drier that provides economical system protection for air conditioning and heat pump applications.

### FEATURES

- ODF solid copper connections for easy install
- Desiccant blend optimized for high water and acid capacity
- Corrosion resistant epoxy powder paint finish
- BSB and BSS feature solid core construction
- BSL features compacted bead construction with 20 micron filtration for maximum moisture and acid removal while protecting POE oil
- BSL filters at both the inlet and outlet and retains contaminants during system cycling and vibration

### SPECIFICATIONS

Desiccant blend..... Optimized for high water capacity and acid capacity  
 Maximum working pressure ..... 680 psig (47 bar)  
 UL/CUL file number .....SA 7175  
 Filtration .....40 microns (BSB and BSS only)  
 ..... 20 microns (BSL only)  
 Canadian CRN .....0E21971.513467890YTN

### MODEL NUMBER NOMENCLATURE - Example: BSB 083S

SERIES	TYPE	UNIT SIZE	CONNECTION SIZE	CONNECTION STYLE	SEQUENTIAL IDENTIFIER	CUSTOMER SPECIAL	PACK TYPE
BS	B	08	3	S			
Hermetic Filter Driers	B = Bi-Directional L = Liquid S = Suction	In Cubic In.	In 1/8" Increments	S = ODF  (Omit for SAE)	Blank Thru -99	G = Customer Special  (Omit for Standard)	B1 = Bulk Pack  (Omit for Individual Pack)

### BUILDER SERIES HERMETIC FILTER DRIERS

LINE TYPE	UNIT SIZE (CUBIC INCHES)	INLET X OUTLET CONNECTION SIZE	WATER CAPACITY DROPS R-410A @ 125°F	FLOW CAPACITY TONS R-410A	MODEL NUMBER	ITEM NUMBER
Liquid	5	3/8" X 3/8" ODF	56	5.3	BSL 053S	066758
Liquid	8	3/8" X 3/8" ODF	108	5.3	BSL 083S	066759
Liquid	8	1/2" X 1/2" ODF	108	7.6	BSL 084S	066760
Liquid	16	3/8" X 3/8" ODF	151	5.3	BSL 163S	066761
Liquid	16	1/2" X 1/2" ODF	151	7.6	BSL 164S	066763
Bi-Directional	8	3/8" X 3/8" ODF	70	5.1	BSB 083S	066130
Bi-Directional	16	3/8" X 3/8" ODF	125	5.1	BSB 163S	066131
Suction	16	5/8" X 5/8" ODF	51	3.5	BSS 165S	066126
Suction	16	3/4" X 3/4" ODF	51	4.2	BSS 166S	066127
Suction	16	7/8" X 7/8" ODF	51	4.2	BSS 167S	066128
Suction	30	5/8" X 5/8" ODF	84	3.5	BSS 305S	066100
Suction	30	3/4" X 3/4" ODF	84	5.5	BSS 306S	066101
Suction	30	7/8" X 7/8" ODF	84	6.0	BSS 307S	066129
Suction	30	1-1/8" X 1-1/8" ODF	84	6.2	BSS 309S	066102