

ONSTREAM COMPRESSED AIR/GAS FILTERS

Features:

- One-Piece Bowl For Quick And Spill Free Element Service
- Bottom Reservoir For Liquid Collection
- Wide Variety Of Filter Elements Available
- 250 PSIG Maximum, 1/4" NPT Through 2" NPT Port Sizes
- Gauges, Flanges, O₂ Cleaning Available

Applications:

- High Flow, Low Pressure Applications
- Pre And Post Dryer Filter
- Large Surface Area For Heavy Particulate Laden Air Systems



Our Onstream, Compressed Air/Gas Filter housings, are ideal for a variety of air and gas purification solutions. The Onstream units are available in 304 stainless steel (S), or 316 stainless steel (SS). Port sizes range from 1/4" NPT up to 2" NPT. The 1 1/2" and 2" port sizes are unique to UFS. The larger port sizes allow greater flexibility in providing the correct filter for the application. We can provide these housings with gauge ports, or flanges.

Besides offering coalescing elements for liquid and particulate removal, we also have a full line of pleated elements for heavy particulate loaded service.

PRINCIPLE SPECIFICATIONS

Housing Model	818	820	895	897
Port Size (NPT)	1/4" - 2"	1/4" - 2"	1/4" - 2"	1/4" - 2"
Drain Type (NPT)	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	250	250	250	250
Maximum Temperature (°F)	400	400	400	400
Principle Dimensions: (inches)				
Head diameter (1)	4.00	4.00	4.00	4.00
Overall Length (2)	7.50	14.25	23.375	32.25
Cartridge Length	5.00	10.00	20.00	30.00
Element Removal Clearance	1.50	1.50	1.50	1.50
Filter Element Codes:				
Coalescing Microfiber (CA) (3)	CA-818-□	CA-820-□	CA-895-□	CA-897-□
Pleated Polypropylene (PL) (4)	LE-818-□PL	LE-820-□PL	LE-895-□PL	LE-897-□PL
Pleated Stainless Steel (SS) (5)	SS-818-□V	SS-820-□V	SS-895-□V	SS-897-□V
Carbon Adsorbent (CC)	LE-818-CC	LE-820-CC	LE-895-CC	LE-897-CC
Cotton Wound (CW) (6)	LE-818-□CW	LE-820-□CW	LE-895-□CW	LE-897-□CW
Materials Of Construction: (7)				
Head & Internals	304 or 316 SS	304 or 316 SS	304 or 316 SS	304 or 316 SS
Bowl	304 or 316 SS	304 or 316 SS	304 or 316 SS	304 or 316 SS
O-Rings (Standard)	Viton	Viton	Viton	Viton
Accessories:				
Stainless Steel Drain	SS PET100-1/4"	SS PET100-1/4"	SS PET100-1/4"	SS PET100-1/4"
Buna-N Seal Set	BN800	BN800	BN800	BN800
EPDM Seal Set	GE800	GE800	GE800	GE800
PTFE Seal Set	GP800	GP800	GP800	GP800
Viton Seal Set	GV800	GV800	GV800	GV800

AIR FLOW RATES IN SCFM AT 2 PSI PRESSURE DROP (Coalescing Microfiber Element)

Air Line Pressure (PSIG)	50C		70C		50C		70C	
	50C	70C	50C	70C	50C	70C	50C	70C
20	15	52	35	120	65	247	100	380
60	32	112	65	252	10	530	225	820
100	60	175	100	390	220	830	350	1300
250	100	400	240	920	500	1900	750	3000

- Notes:
- (1) Add 0.25" to head diameter for all 800 series with 1" ports. Add 1" for 1 1/2" and 2" ports.
 - (2) Add 1.5" to overall height for 1 1/2", and 2" ports.
 - (3) Please specify 50C or 70C
 - (4) Micron sizes available 0.5, 2, 10, 25, 50, 90
 - (5) Micron sizes available 1, 5, 10, 25, 50, 75, 100, 250
 - (6) Micron sizes available 0.5, 5, 10, 20, 30, 50, and 100
 - (7) Material abbreviations: 304 SS = 304L Stainless Steel or 316 SS = 316L Stainless Steel

ORDERING GUIDE

Body Model	Material Codes	Port Size ⁽¹⁾	Gaskets	Options
818	SS = 316L SS	1 = 1/4"	V = Viton (Standard)	D = Stainless Steel Drain ⁽²⁾
820	S = 304L SS	2 = 3/8"	B = Buna-N	F = Flanges (Consult UFS)
895		3 = 1/2"	T = PTFE	O = O ₂ Cleaning
897		4 = 3/4"	E = EPDM	P = Stainless Steel Plug (Standard)
		5 = 1"		
		6 = 1 1/2"		
		7 = 2"		

Example Part Number: 820SS4VP

- Notes:
- (1) 1/4" - 3/4" have reversible bracket included, 1" has a permanent cast bracket, and the 1 1/2" and 2" does not come with a mounting bracket, please order MBSS150 if one is needed.
 - (2) There is an additional cost for the Stainless Steel Drain



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Partner of Headline Filters

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