

ALUMINUM FILTER ASSEMBLIES

Features:

- Rugged, 100% Machined Anodized Aluminum Construction
- Complete Standard Range From 1/8" to 3" Line Sizes
- Remove 99.99% Of Oil, Water, & Solids From Compressed Air & Other Gases
- High Efficiency Microfiber Elements
- Capture Dirt, Coalesce Liquids
- Low Cost, Long Life



Applications:

- Protect HVAC Systems
- Great Point-Of-Use Protection – Compact Design
- Ideal For Portable Air Systems



United Filtration Systems, Inc.
6558 Diplomat Drive
Sterling Heights, MI 48314
T (586) 802-5561 • F (586) 802-5562
sales@unitedfiltration.com
www.unitedfiltration.com

1-800-311-5561



Partner of Headline Filters

PRINCIPLE SPECIFICATIONS

Housing Model	305		305A		315		315A	
Headline Part Number	300	305	300A	305A	310	315	310A	315A
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	No Drain		No Drain		Twist		Petcock	
Maximum Pressure (psig)	150		500		150		500	
Maximum Temperature (°F)	120		240		120		240	
Internal Volume (cc)	35		45		35		45	
Principle Dimensions: (inches)								
Center Of Port To Head	0.39		0.39		0.39		0.39	
Head Diameter	1.57		1.57		1.57		1.57	
Overall Length	4.00		4.00		4.25		4.72	
Element Removal Clearance	1.42		1.42		1.42		1.42	
Filter Element Codes: (1)								
Disposable Element	12-32-□		12-32-□		12-32-□		12-32-□	
Stainless Steel Element	SS-12-32-□		SS-12-32-□		SS-12-32-□		SS-12-32-□	
PEL Element	PEL-12-32-□		PEL-12-32-□		PEL-12-32-□		PEL-12-32-□	
PTFE Element	PT-12-32-□		PT-12-32-□		PT-12-32-□		PT-12-32-□	
Materials Of Construction: (2)								
Head	AL		AL		AL		AL	
Bowl	PC		AL		PC		AL	
Internals	Nylon		Nylon		Nylon		Nylon	
O-Rings (Standard)	Buna-N		Buna-N		Buna-N		Buna-N	
Drain	-		-		Nylon		Brass	
Accessories:								
Mounting Bracket	MBSS315		MBSS315		MBSS315		MBSS315	
Buna-N Seal Set (Standard)	BN315		BN315		BN315		BN315	
EPDM Seal Set	GE315		GE315		GE315		GE315	
Kalrez Seal Set	KZ315		KZ315		KZ315		KZ315	
Viton Seal Set	GV315		GV315		GV315		GV315	

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C ⁽³⁾ or 70C ⁽⁴⁾

Air Line Pressure (PSIG)	305 Series		315 Series	
	50C	70C	50C	70C
2	1	3	1	3
15	2	6	2	6
30	3	9	3	9
60	4	14	4	14
100	6	23	6	23
150	9	31	9	31
200	12	46	12	46
250	13	47	13	47

- Notes: (1) Replace "□" with grade required, e.g. 12-32-70C, SS-12-32-25
 (2) Material abbreviations, AL = Aluminum, PC = Polycarbonate
 (3) Flow rates for Grade 50C rated at 99.99% against 0.01 micron
 (4) Flow rates for Grade 70C rated at 95% against 0.01 micron

AL305-2 / AL315-2