

POLYPROPYLENE FILTER HOUSINGS

Features:

- Filter Gases And Liquids
- Low Cost, Corrosion Resistant Filter Housings
- No Metal Contact Surfaces
- Replaceable Elements For Low Running Costs
- Built-In Element Support Core
- Accepts Disposable Microfiber, PEL, SS And PTFE Elements



Polypropylene housings provide a low cost alternative to PTFE and PVDF housings. Since the housings are constructed entirely out of polypropylene they are suitable for a wide range of applications for both liquids and gases. Each housing is available with 3 drain options; 1/8" NPT, Manual Twist Drain or No Drain. For liquid filtration we recommend using a version with no drain.

Applications:

- C.I.P. For Food And Dairy Plants
- Corrosive Applications
- Low Cost OEM Filters



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 with Drain	710P		710PL		760P		780P	
Housing Model w/o Drain	705P		705PL		755P		775P	
Headline Part Number with Drain	701P	710P	721PL	730PL	751P	760P	771P	780P
Headline Part Number w/o Drain	700P	705P	720PL	725PL	750P	755P	772P	775P
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/4"	1/2"	1/4"	1/2"
Drain Type (1/8" Straight Thread)	Twist		Twist		Twist		Twist	
Maximum Pressure (psig)	100		100		100		100	
Maximum Temperature (°F)	120		120		120		120	
Internal Volume (cc)	50		60		170		310	
Principle Dimensions: (inches)								
Center Of Port To Head	0.39		0.39		0.61		0.61	
Head Diameter	1.73		1.73		2.60		2.60	
Overall Length Without Drain	3.78		4.41		5.75		9.76	
Overall Length With Drain	4.17		4.80		6.14		10.15	
Element Removal Clearance	1.50		2.36		3.15		7.67	
Filter Element Codes: (1)								
Disposable Element	12-32-□		12-57-□		25-64-□		25-178-□	
Stainless Steel Element	SS-12-32-□		SS-12-57-□		SS-25-64-□		SS-25-178-□	
PEL Element	PEL-12-32-□		PEL-12-57-□		PEL-25-64-□		PEL-25-178-□	
PTFE Element	PT-12-32-□		PT-12-57-□		PT-25-64-□		PT-25-178-□	
Materials Of Construction: (2)								
Head & Internals	PP		PP		PP		PP	
Bowl	PP		PP		PP		PP	
O-Rings (Standard)	Viton		Viton		Viton		Viton	
Drain	PP		PP		PP		PP	
Accessories:								
Mounting Bracket	MBSS110		MBSS110		MBSS130		MBSS130	
Buna-N Seal Set	BN710		BN710		BN760		BN760	
EPDM Seal Set	GE710		GE710		GE760		GE760	
Kalrez Seal Set	KZ710		KZ710		KZ760		KZ760	
Silicone Seal Set	GS710		GS710		GS760		GS760	
Viton Seal Set (Standard)	GV710		GV710		GV760		GV760	

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

Air Line Pressure (PSIG)	710 Series		710PL Series		760 Series		780 Series	
	50C	70C	50C	70C	50C	70C	50C	70C
2	1	3	2	4	3	6	6	8
15	2	6	3	7	6	11	10	13
30	3	9	4	10	8	16	15	19
60	4	14	7	17	13	26	25	32
80	5	16	9	23	18	38	35	44
100	6	23	11	27	21	44	40	50

- Notes: (1) Replace '□' with grade required, e.g. 12-32-50C, PT-12-57-03
 (2) Material abbreviations, PP = Polypropylene
 (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