

POLYPROPYLENE/POLYCARBONATE HOUSINGS

Features:

- Filter Gases And Liquids
- Polypropylene With Polycarbonate Bowl
- Polycarbonate Allows Instant Monitoring
- 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 with transparent polycarbonate bowls provide an economical solution to low pressure applications where chemical resistance is sufficient. The transparent bowl allows visual monitoring of the element condition.

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:

- Point-Of-Use Water Filters
- Low Cost OEM Filters
- Medical Air Filters



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Partner of Headline Filters

PRINCIPLE SPECIFICATIONS

Housing Model with Drain	710PC		710PCL		760PC		780PC	
Housing Model w/o Drain	705PC		705PCL		755PC		775PC	
Headline Part Number with Drain	701PC	710PC	721PCL	730PCL	751PC	760PC	771PC	780PC
Headline Part Number w/o Drain	700PC	705PC	720PCL	725PCL	750PC	755PC	772PC	775PC
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	PC		PC		PC		PC	
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		710PCL 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, 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

PC700-1