



HD Housing

The Aircel HD high pressure filter housings are designed for the purification of compressed air and gases in an industrial operation. The housings are made out of two parts, and due to an optimized construction, offer low differential pressure at high flow rates. A wide variety of filter elements are available to meet a broad range of application requirements.

Available in eight different housing sizes ranging from 1/4" to 2" and pressure rating of 925 psig and 5,800 psig. The HD High Pressure Filter Housings are designed in accordance to ASME VIII, Division 1. Stainless steel material is an available option for process filtration applications.

### Specifications

Materials	
<b>Filter Housing</b>	925 psig: Aluminum (304 SS optional) 5800 psig: Carbon steel (316 SS optional)
<b>Sealings</b>	O-ring, parting compound free, made of Perbunan®*
<b>Surface Finish</b>	925 psig: Aluminum anodized 5800 psig: Carbon steel nickel plated

Surface Finish	
<b>925 psig:</b>	925 psig: Aluminum anodized
<b>5800 psig:</b>	5800 psig: Carbon steel nickel plated

Operating Conditions	
<b>Maximum Operating Temperature</b>	+ 14°F/+176°F

Specifications	
<b>Connection</b>	1/4" to 2" FNPT

### Model Comparison

Model	Connection (in. NPT/ANSI)	Element	Clearance (inches)	Dimensions (inches)			
				A	B	C	D
0003	1/4	0305	5.1	6.5	3.5	6.7	3.5
0006	3/8	0310	5.1	6.5	3.5	6.7	3.5
0012	1/2	0420	7.5	8.1	4.2	8.3	4.2
0018	3/4	0520	7.5	9.1	4.2	9.3	4.2
0027	1	0525	7.5	9.3	4.7	10.0	4.7
0036	1-1/4	0725	10.0	11.5	4.7	12.0	4.7
0048	1-1/2	0730	10.0	12.4	6.0	13.0	6.0
0072	2	1030	14.0	16.0	7.3	16.6	7.5

### Model Dimensions

