

Authorized Distributor



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Cartridge Filter Housings Nowata P Series

Highly Customizable Housings Especially Suited for Pleated Filter Elements

1. Introduction

The P series pleated cartridge filter housings are especially suited for use with the Nowata high flow 644 PC series pleated cellulose filter cartridges.

Designed for long life, these multi-purpose, high flow, cartridge filter housings offer exceptional value. The vessels accept cartridges that are 44 inch long, by 6 inches outside diameter, by 3.5 inches inside diameter.

All P series filter housings are designed to ASME code standards for added quality assurance. The ASME code stamp is an optional feature. Housings are available in the standard horizontal design (shown) or optional vertical configuration.

The P series pleated cartridge filter housings are designed for use in many industrial applications including fuels, hydraulic oils, lube oils, seal oils, oil & water filtration, petroleum refining applications, pulp & paper industry, and power generation.

Standard Features

- Construction material either carbon steel or 316 stainless steel
- Aqueous flow rates to 4600 gpm and higher
- 150 psi working pressure standard (Higher pressures available)
- 150# flanged inlet and outlet connections are standard
- 7 standard vessel sizes: 1, 3, 4, 6, 8, 12 and 18 cartridge models (Larger models also available)
- 2" FNPT internal pipe thread inlet chamber drain, 1" FNPT vessel clean chamber drain, and 1/2" FNPT vent are standard

Optional Features

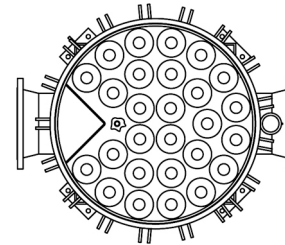
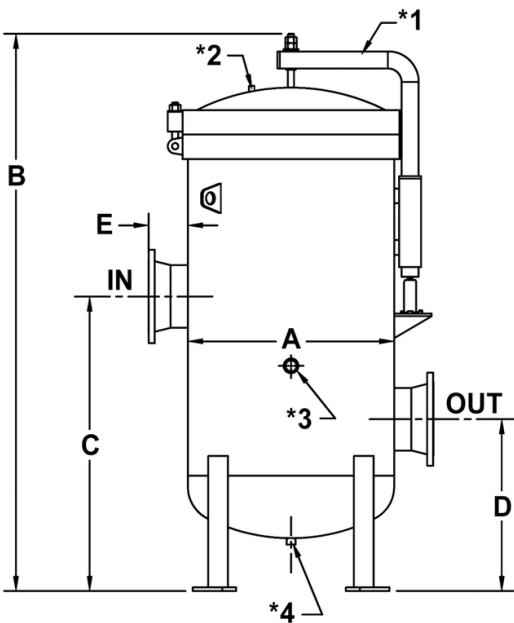
- Swing bolt closure for fast, easy cartridge replacement
- Higher working pressures are available
- Optional materials of construction are available
- Larger models are available
- Vertical (standard design) or horizontal configuration



2. Dimensional Information

Housing Model Number	Housing Material	No. of Cartridges	Cartridge Type	Connection Size and Type	Closure Style	A	B	C	D	E
PN1U15W3CN	Carbon Steel	1	644	3" 150#	Flat Top	8-5/8	48-3/4	30	5	4
PNU1U15W3CN	316 SS	1	644	3" 150#	Flat Top	8-5/8	48-3/4	30	5	4
PA3C15W4CN	Carbon Steel	3	644	4" 150#	Flat Top	16	70	38	17	6
PAU3C15W4CN	316 SS	3	644	4" 150#	Flat Top	16	70	38	17	6
PA4C15W6CN	Carbon Steel	4	644	6" 150#	Flat Top	18	72	40	18-1/2	6
PAU4C15W6CN	316 SS	4	644	6" 150#	Flat Top	18	72	40	18-1/2	6
PA6C15W6CN	Carbon Steel	6	644	6" 150#	Flat Top	20	74	40	18-1/2	6
PAU6C15W6CN	316 SS	6	644	6" 150#	Flat Top	20	74	40	18-1/2	6
PB8C15W8CN	Carbon Steel	8	644	8" 150#	Dish Top	24	87	44	23	8
PBU8C15W8CN	316 SS	8	644	8" 150#	Dish Top	24	87	44	23	8
PB12C15W8CN	Carbon Steel	12	644	8" 150#	Dish Top	28	91	48	25-1/2	8
PBU12C15W8CN	316 SS	12	644	8" 150#	Dish Top	28	91	48	25-1/2	8
PB18C15W12CN	Carbon Steel	18	644	12" 150#	Dish Top	36	98	52	27	8
PBU18C15W12CN	316 SS	18	644	12" 150#	Dish Top	36	98	52	27	8

Dimensions in inches unless otherwise noted. Specifications are for reference only and subject to change without notice.



The P series, high flow, pleated cartridge filter vessel is available with the standard design features or as a customized housing with many optional features. To order the P series filter housings or for assistance with custom engineered specifications, contact Filtration Group Process Inc. or your local representative.

- *1 = Davit arm assembly
 - *2 = Vent connection: 1/2 inch FNPT
 - *3 = Inlet chamber drain connection: 2 inches FNPT
 - *4 = Outlet chamber drain connections: 1 inch FNPT
- Legs and swing bolts made of carbon steel

3. Typical Model Number

P	B	U	18	C	15	W	12	C	N
Housing Series	Closure Style	Housing Material	Number of Elements	ASME Code	Pressure Rating	Inlet/Outlet Style	Inlet/Outlet Size	Pleated Element Type	O-ring Material

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