

P Series

CARTRIDGE FILTER HOUSINGS

Highly Customizable Housings Especially Suited for Pleated Filter Elements

INTRODUCTION

The Jonell Systems P series (formerly Nowata) pleated cartridge filter housings are especially suited for use with the Jonell Systems 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

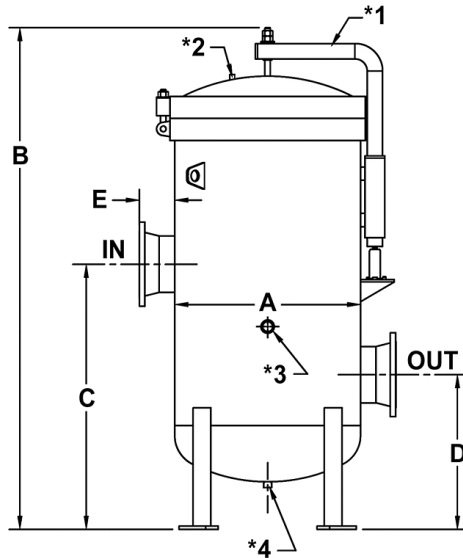
- Construction material either carbon steel or 316 stainless steel
- Aqueous flow rates to 4600 gpm and higher
- 150 psi working pressure standard (Higher pressures available)
- 150# flanged inlet and outlet connections are standard
- 7 standard vessel sizes: 1, 3, 4, 6, 8, 12 and 18 cartridge models (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 STANDARD 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



DIMENSIONAL INFORMATION



- NOTES: *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

Model	Material	No. of Cartridges	Cartridge Type	Connection Size & 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 except where noted. Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice. Dimensions are approximate values and not intended for piping specifications.

TYPICAL MODEL NUMBER

P	F		3	C	15	F	4	A	N	
Jonell Systems Series 6" OD Pleated Element Vessel	Body Material Blank CS A 304 SS S CS / SS Trim / Internally Epoxy Lined U 316 SS H Hastelloy C276		ASME Code C ASME U stamp U ASME UM stamp N Non-code			Inlet/Outlet Style F RFSO G Grooved L RFLWN M MNPT N FNPT P Socket Weld RF R RTJSO S Socket Weld Cplg W RFWN		Element Type (all 6" OD) 3 1/2" ID x length A 14" D 56" B 29" L 24" C 44" 2 5/8" ID x length E 18" M 39" F 36" J 54" 2 1/8" OD x length G 18" H 36"		Options Assigned by Jonell Systems to indicate optional features
Closure Style A Flat Top CS B Domed Bar Flange Top D WN Flange Top F SO Flange Top N N Series S Screw Top U Flat Top Not CS W WN Flange Top Y Yoke Style Top		Number of Elements Number of Posts		Pressure Rating 10 100 psi 15 150 psi 30 300 psi 74 740 psi 144 1440 psi		Inlet/Outlet Size G 1/2 inch 3 3 inches H 3/4 inch M 3 1/2 inches I 1 inch 4 4 inches J 1 1/4 inches 6 6 inches K 1 1/2 inches 8 8 inches L 2 inches 10 10 inches L 2 1/2 inches		Closure Seal Material N Buna V Viton E EPDM S Teflon encapsulated silicon T Teflon encapsulated viton		