

# N Series Medium Flow

## CARTRIDGE FILTER HOUSINGS

Wide Range of Features and Options

Aqueous Flow Rates to 336 gpm and 150 psi

### INTRODUCTION

The N Series (formerly Nowata) medium-flow cartridge filter housings are designed for long life and exceptional value. These multipurpose, medium flow, filters are built with our continued commitment to quality.

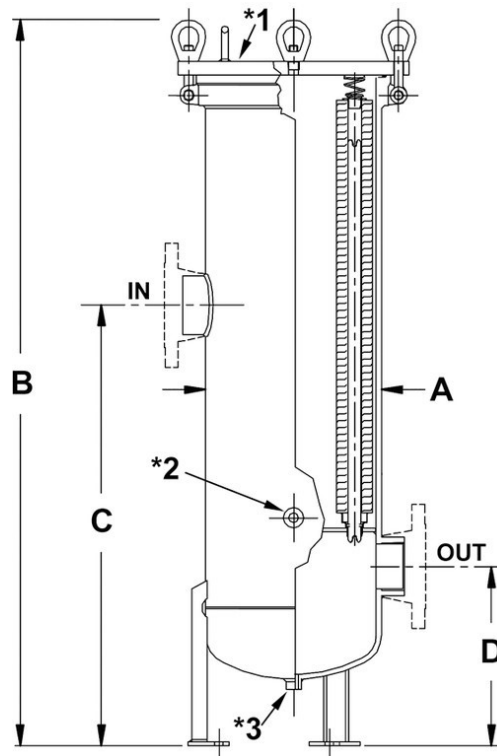
N series filters are built to ASME code design standards for added quality assurance. Housings are available in carbon steel or 316 stainless steel construction as standard. Housing features include FNPT or flanged inlet and outlet, flow rates to 336 gallons per minute, 150 psi and multiple cartridge length options.

### FEATURES

- Carbon steel (NC series) or 316 stainless steel (NU series) construction
- 150 psi working pressure rating
- Aqueous flow rates up to 336 gpm (for higher flow rates, see N series High-Flow datasheet)
- 1/32" corrosion allowance standard for carbon steel, and 0" allowance for 316 stainless steel
- All models built to ASME code standards, code stamp available upon request
- 2 housing size options: 6 or 14 cartridge models
- 7 cartridge length options: 9¾" or 10", 19½" or 20", 29¼" or 30" and 40"
- Internal NPT or 150# flanged inlet and outlet connections are available
- 1/2" FNPT internal pipe thread inlet chamber drain, housing clean drain, and vent, all standard
- Accepts filter cartridges with 2-1/2" outside diameter by 1" inside diameter
- 316 stainless cup and spring cartridge mounting hardware
- Cup design accepts double open-end or 222 o-ring style cartridges without modification
- Swing bolt closure for fast, easy cartridge replacement
- Buna o-ring closure seal standard, other seal materials are available



## DIMENSIONAL INFORMATION



Model	Material	No. Round x No. High	No. of Cartridges	Cartridge Length	Connection Size & Type	A	B	C	D
NC6SU152	Carbon steel	6 x 1	6	9¾ or 10	2" FNPT	8	31½	21½	12 <sup>3</sup> / <sub>8</sub>
NU6SU15N2	316 SS	6 X 1	6	9¾ or 10	2" FNPT	8	31½	21½	12 <sup>3</sup> / <sub>8</sub>
NC6SU15W2	Carbon steel	6 X 1	6	9¾ or 10	2" 150# RFWN	8	31½	21½	12 <sup>3</sup> / <sub>8</sub>
NU6SU15W2	316 SS	6 X 1	6	9¾ or 10	2" 150# RFWN	8	31½	21½	12 <sup>3</sup> / <sub>8</sub>
NC12DU15N2	Carbon steel	6 X 2	12	19½ or 20	2" FNPT	8	41½	21½	12 <sup>3</sup> / <sub>8</sub>
NU12DU15N2	316 SS	6 X 2	12	19½ or 20	2" FNPT	8	41½	21½	12 <sup>3</sup> / <sub>8</sub>
NC12DU15W2	Carbon steel	6 X 2	12	19½ or 20	2" 150# RFWN	8	41½	21½	12 <sup>3</sup> / <sub>8</sub>
NU12DU15W2	316 SS	6 X 2	12	19½ or 20	2" 150# RFWN	8	41½	21½	12 <sup>3</sup> / <sub>8</sub>
NC18TU15N2	Carbon steel	6 X 3	18	29¼ or 30	2" FNPT	8	53	31½	12 <sup>3</sup> / <sub>8</sub>
NU18TU15N2	316 SS	6 X 3	18	29¼ or 30	2" FNPT	8	53	31½	12 <sup>3</sup> / <sub>8</sub>
NC18TU15W2	Carbon steel	6 X 3	18	29¼ or 30	2" 150# RFWN	8	53	31½	12 <sup>3</sup> / <sub>8</sub>
NU18TU15W2	316 SS	6 X 3	18	29¼ or 30	2" 150# RFWN	8	53	31½	12 <sup>3</sup> / <sub>8</sub>
NC24QU15N2	Carbon steel	6 X 4	24	40	2" FNPT	8	63	31½	12 <sup>3</sup> / <sub>8</sub>
NU24QU15N2	316 SS	6 X 4	24	40	2" FNPT	8	63	31½	12 <sup>3</sup> / <sub>8</sub>
NC24QU15W2	Carbon steel	6 X 4	24	40	2" 150# RFWN	8	63	31½	12 <sup>3</sup> / <sub>8</sub>
NU24QU15W2	316 SS	6 X 4	24	40	2" 150# RFWN	8	63	31½	12 <sup>3</sup> / <sub>8</sub>
NC28DU15W3	Carbon steel	14 X 2	28	19½ or 20	3" 150# RFWN	12	42¾	22	13
NU28DU15W3	316 SS	14 X 2	28	19½ or 20	3" 150# RFWN	12	42¾	22	13
NC42TU15W3	Carbon steel	14 X 3	42	29¼ or 30	3" 150# RFWN	12	52¾	32	13
NU42TU15W3	316 SS	14 X 3	42	29¼ or 30	3" 150# RFWN	12	52¾	32	13
NC56QU15W3	Carbon steel	14 x 4	56	40	3" 150# RFWN	12	62¾	32	13
NU56QU15W3	316 SS	14 x 4	56	40	3" 150# RFWN	12	62¾	32	13

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.

- NOTES:**
- 1 = Vent connection: 1/2" FNPT
  - 2 = Dirty drain connection: 1/2" FNPT
  - 3 = Clean drain connection: 1/2" FNPT
  - NU series filters have all wetted surfaces made of 316 stainless steel
  - Cover swing bolts made of carbon steel
  - Carbon steel legs on NC series models and 316 stainless steel legs on NU series models