

MAHLE

Industry

Cartridge Filter Housings Nowata N Series Medium Flow

Aqueous flow rates to 336 gpm and 150 psi
Wide range of features and options

Request a Quote Today!

1. Introduction

The N series 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 the Nowata 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: 9-3/4" or 10", 19-1/2" or 20", 29-1/4" 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



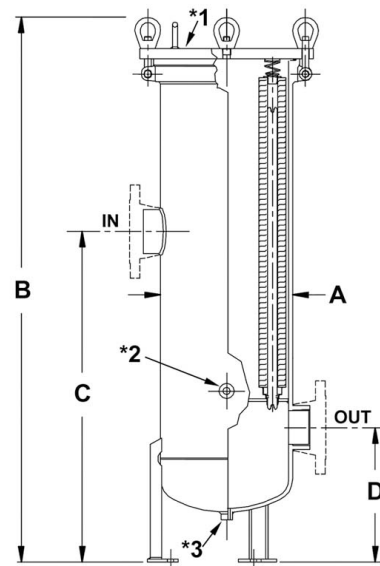
2. Dimensional Information

Model Number	Material	No. Round x No. High	No. of Cartridges	Cartridge Length	Connection Size and Type	A	B	C	D
NC6SU152	Carbon steel	6 x 1	6	9-3/4 or 10	2" FNPT	8	31-1/2	21-1/2	12-3/8
NU6SU15N2	316 SS	6 X 1	6	9-3/4 or 10	2" FNPT	8	31-1/2	21-1/2	12-3/8
NC6SU15W2	Carbon steel	6 X 1	6	9-3/4 or 10	2" 150# RFWN	8	31-1/2	21-1/2	12-3/8
NU6SU15W2	316 SS	6 X 1	6	9-3/4 or 10	2" 150# RFWN	8	31-1/2	21-1/2	12-3/8
NC12DU15N2	Carbon steel	6 X 2	12	19-1/2 or 20	2" FNPT	8	41-1/2	21-1/2	12-3/8
NU12DU15N2	316 SS	6 X 2	12	19-1/2 or 20	2" FNPT	8	41-1/2	21-1/2	12-3/8
NC12DU15W2	Carbon steel	6 X 2	12	19-1/2 or 20	2" 150# RFWN	8	41-1/2	21-1/2	12-3/8
NU12DU15W2	316 SS	6 X 2	12	19-1/2 or 20	2" 150# RFWN	8	41-1/2	21-1/2	12-3/8
NC18TU15N2	Carbon steel	6 X 3	18	29-1/4 or 30	2" FNPT	8	53	31-1/2	12-3/8
NU18TU15N2	316 SS	6 X 3	18	29-1/4 or 30	2" FNPT	8	53	31-1/2	12-3/8
NC18TU15W2	Carbon steel	6 X 3	18	29-1/4 or 30	2" 150# RFWN	8	53	31-1/2	12-3/8
NU18TU15W2	316 SS	6 X 3	18	29-1/4 or 30	2" 150# RFWN	8	53	31-1/2	12-3/8
NC24QU15N2	Carbon steel	6 X 4	24	40	2" FNPT	8	63	31-1/2	12-3/8
NU24QU15N2	316 SS	6 X 4	24	40	2" FNPT	8	63	31-1/2	12-3/8
NC24QU15W2	Carbon steel	6 X 4	24	40	2" 150# RFWN	8	63	31-1/2	12-3/8
NU24QU15W2	316 SS	6 X 4	24	40	2" 150# RFWN	8	63	31-1/2	12-3/8
NC28DU15W3	Carbon steel	14 X 2	28	19-1/2 or 20	3" 150# RFWN	12	42-3/4	22	13
NU28DU15W3	316 SS	14 X 2	28	19-1/2 or 20	3" 150# RFWN	12	42-3/4	22	13
NC42TU15W3	Carbon steel	14 X 3	42	29-1/4 or 30	3" 150# RFWN	12	52-3/4	32	13
NU42TU15W3	316 SS	14 X 3	42	29-1/4 or 30	3" 150# RFWN	12	52-3/4	32	13
NC56QU15W3	Carbon steel	14 x 4	56	40	3" 150# RFWN	12	62-3/4	32	13
NU56QU15W3	316 SS	14 x 4	56	40	3" 150# RFWN	12	62-3/4	32	13

Dimensions shown in inches unless otherwise 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



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For pricing and information please call
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