

HF Series

CARTRIDGE FILTER HOUSINGS

High Flow Housings Designed for Maximum Output

INTRODUCTION

The HF series (formerly Nowata) high flow single and multiple cartridge filter housings have been designed specifically for high output while occupying only a small footprint area. Housings can be constructed in either a horizontal or vertical orientation depending on the availability of space.

The standard horizontal configuration of this housing minimizes pressure drop and makes cartridge element change-out much easier. Typical markets for the HF series filter housings include: food & beverage, chemical, refinery processes, oil & gas, water filtration, pulp & paper, metal finishing and power generation.

FEATURES

- Single and multi cartridge housings available
- Designed specifically to complement the HF Series cartridges
- Housings available in carbon steel, 304 or 316 stainless steel
- All wetted components are carbon or stainless steel
- Designed to ASME code standards, Section VIII, Division 1
- Eyebolt closure design option enables quick and easy opening
- Davit arm provided as a standard construction
- Fewer filter elements to change-out
- Inside to outside flow minimizes the possibility of contamination during cartridge change-out
- Guide tubes included for multi cartridge housings
- Many housing specifications possible
- O-ring sealing: standard in EPDM. Viton®, PTFE encapsulated Viton® and silicone available on request
- Housings equipped with legs as standard



SPECIFICATIONS

Materials of Construction

Standard: carbon steel

Optional: carbon steel - epoxy lined, 304 stainless steel, or 316 stainless steel, (other materials available)

Maximum High Pressure Operation

Carbon & stainless steel: 300 psig (20.7 bar) at 150 °F (66 °C)

Maximum Low Pressure Operation

Carbon & stainless steel: 225 psig (15.5 bar) at 150 °F (66 °C)
(Other pressure ratings available upon request)

Construction Code

Standard: ASME UM Stamp

Optional: ASME U Stamp

Connections

Inlet/Outlet: 3 - 14 inches flanged

Drain: 1.5" - 2" FNPT

Vent: 1.5" - 2" FNPT

DP Taps: 1/2" FNPT

Shell O-Ring Options

Buna-N (standard), EPDM, Viton, TFE

TYPICAL MODEL NUMBER

