

CHDM Series - High Flow Filter Housings



CHDM Series - High Flow vertical Filter Housings are designed to accommodate HF series High Flow filter cartridges intended for use primarily for higher fluid flow applications, especially in water treatment. Housings are available in a range of sizes accommodating from 1 to 5 cartridges in lengths of 40" . Constructed of high quality 304 or 316L stainless steel suitable for use in high temperatures, with tolerance to acids, alkalis, and organic chemicals. The vertical option minimizes the system's footprint. Customized configurations are available to suit customers' specific needs.

Features

- Using quality stainless steel components to build all housings, ensures consistent quality and performance.
- Large cartridge size with expansive filtration area provides for high-volume liquid filtration at high retention efficiency with a low initial investment.
- Housings are manufactured with crevice-free internals, fine polishing inside to ensure surface smoothness. Preferable for potable water and food/beverage production

Surface Finish

Finish Processing Options: Internal: Mech Polished / Passivated
External: Mech Polished / Passivated / Abrasive Blasted

Materials

Shell Options: 304 or 316L
Vent Port: 304 or 316L
Eyebolts: 304
Legs: 304
Seal Materials: Silicone, FKM, EPDM

Operating Conditions

Max. Operating Pressure: 1.0MPa (150psi)
Max. Operating Temperature: 80°C (176°F)

Connection

Num	Name	Specification	Connection	Note
N1	Inlet	pl-rf	Flange	HG/T20592-2009 PN16
N2	Outlet	pl-rf	Flange	HG/T20592-2009 PN16
N3	Vent	FNPT1/4"	Thread	-
N4	Pressure Gauge Connection	M14*1.5	Thread	-
N5	Outlet	FNPT1/4"	Thread	-

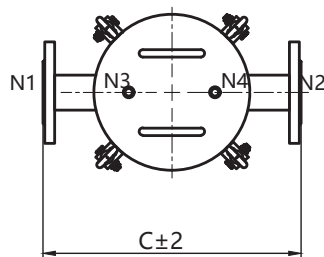
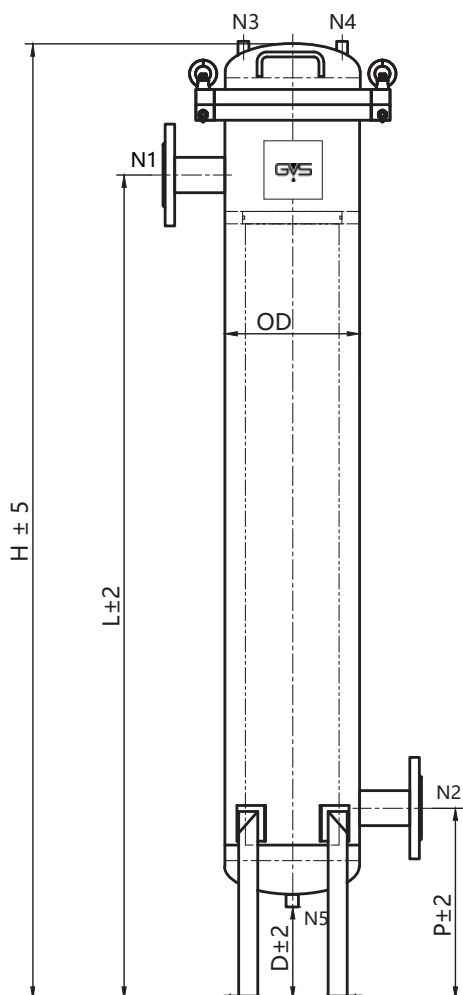
Applications

- Pre-filtration of RO systems; Bottled water production
- Filtration of process water, condensate water, cooling water, waste water
- Chemical industry filtration of acids, alkaline liquids, organic solvents
- Energy industry condensate & cooling waters
- Food and beverage: filtration of drinks, beverages and drinking water

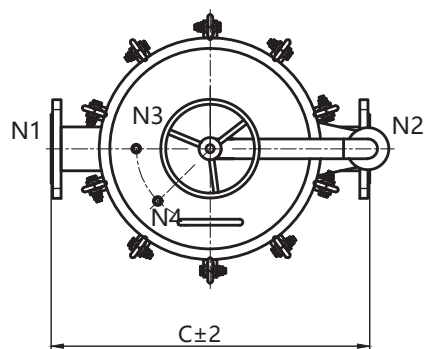
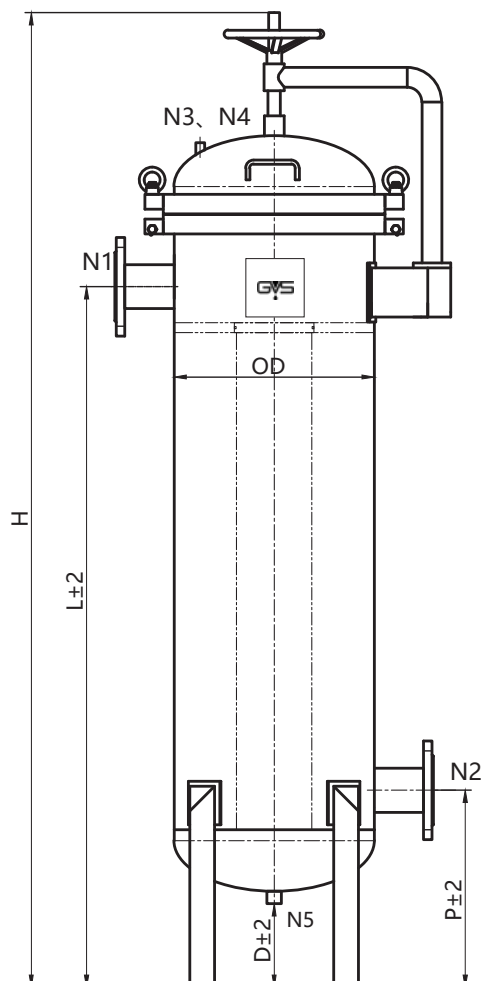
Eg.=>CHDMHJ0140F50SEEFY

ORDERING INFORMATION									
Series	Connection	Shell Material	Number Round	Number Round	Inlet&Outlet	Seal Material	Surface Finish (internal)	Surface Finish (external)	Design Pressure
CHDM=High Flow Filter Housings	HF=HF Series Cartridges	J=304 K=316L	01 = 1 02 = 2 03 = 3 04 = 4 05 = 5	20 = 20" 40 = 40" 60 = 60"	F50=DN50/(for Single-round) F80=DN80/(for 2-round) F100=DN100/(for 3-round) F125=DN125/(for 4/5-round)	S=Silicone E=EPDM V=FKM	M=Mech. Polished P=Passivated	M=Mech. Polished P=Passivated S=Abrasive Blasted	Y=1.0Mpa

Single-round 40"



Multi-round 40"



Cartridges (mm)	H	L	P	N	C	D	OD
1	1550	1340	310	DN50	420	150	ø219
2	1980	1420	400	DN80	645	170	ø406
3	2030	1440	420	DN100	695	170	ø456
4	2090	1470	450	DN125	750	170	ø508
5	2120	1480	460	DN125	800	170	ø558