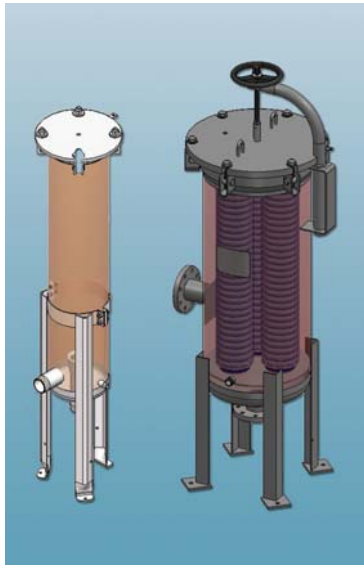


HC SERIES FILTER HOUSINGS

for 3M 700 Series Filter Cartridges

Attention : This housing corresponds to the PED Directive 97/23/CE - Article 3.3 (Cat I and Cat II for Single HC Housing and Cat I to Cat IV for Multi HC Housings).



CUNO offers the HC Series housings, for use with 3M 700 Series Filter Cartridges in 1, 3, 5 and 7 around housing configurations. Constructed with 304L or 316L stainless steel, the housings are designed for use with 28 3/4" and 39" length filter cartridges. The housings are rated for operation up to 10 bar @ 90°C and manufactured in accordance to design and construction code EN13445 Group 3.

Applications

Prefilters or final filters for:

- Acids and bases
- Amines
- Beer and wine
- Bottled water
- Carbon beds solvents
- Completion fluids
- Deep wells
- RO membranes
- DI resins
- Edible oils
- EDM fluids
- Ultrapure water
- Fructose
- Wastewater
- Glycol
- Waterflood
- Groundwater clean-up
- Workover fluids
- Laundry water
- Liquor
- Machine coolants
- Magnetic media
- Makeup water
- Organic
- Photo chemicals
- Plating solutions
- Desalination
- UF membranes
- Storm water

HC Series Housing Specifications

Model	Number of Filter Cartridges	Material	Connections types	Drain Size (BSPT)	Vent Size (BSPT)	Maximum Flow Rate (m³/hr)
01 HCB	1	304L or 316L	2" BSP Male	1/2"	1/4"	18
03 HCB	3		DN80	1"	1/2"	54
05 HCB	5	Stainless	DN100	1"	1/2"	90
07 HCB	7	Steel	DN150	2"	1"	126

The Maximum Operating Pressure Range is from -1 to +10 barg.

The Operating Temperature Range is from 0 to 90°C.

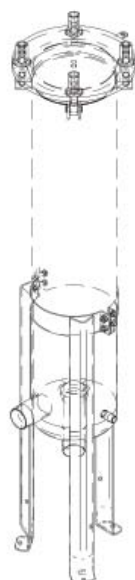
HC Series Housing Nominal Dimensions (in cm)*

	Model							
	01 HCB		03 HCB		05 HCB		07 HCB	
	#1 ²	#2 ²	#1 ²	#2 ²	#1 ²	#2 ²	#1 ²	#2 ²
H - Clearance	1690 ¹	2190 ¹	2400	2920	2130	2650	2240	2760
B - Overall Unit Height	955	1215	1650	1910	1760	2020	1940	2200
C - Floor to Outlet	445 ¹	455 ¹	300		350		450	
A - Floor to Inlet	645 ¹	645 ¹	800		850		950	
G1			345		350		410	
G2			294		320		370	

* Dimensions are for overall space requirements only. For all other uses, request a certified drawing.

¹ Maximum dimension

² #1 = height of cartridge is 28 3/4" , #2 = height of cartridge is 39"



HC Series Housing Ordering Guide

Number of Elements	Type of Housing	Type of Cover	Cartridge Size	Range	Housing Material	Gasket Material	Surface Finish	Type of Connection	Outlet	Outlet Option
01	HC	B = Bolted	1 2	V = Vertical	4 = 304L 6 = 316L	NB = Nitrile*	F0 = Acid Pickle Passivated/Glass Bead Blasted	GM = 2" Male (BSP)	D = Bottom Outlet	N = None
03 05 07								BP = Flanged (ISO PN16)		

Multi Cartridge (39") Housing: 07HCB2V6NBF0BPDN

Spare Parts

Part Numbers				
HC Housing Type	01	03	05	07
Nitrile Gaskets	FD000114914	FD000114922	FD000114930	FD000114948
Size	#1		#2	
Centre Post	FD000114880		FD000114498	

WARRANTY

Seller warrants its equipment against defects in workmanship and material for a period of 12 months from date of shipment from the factory under normal use and service and otherwise when such equipment is used in accordance with instructions furnished by Seller and for purposes disclosed in writing at the time of purchase, if any. Any unauthorized alteration or modification of the equipment by Buyer will void this warranty. Seller's liability under this warranty shall be limited to the replacement or repair, F.O.B. point of manufacture, of any defective equipment or part which, having been returned to the factory, transportation charges prepaid, has been inspected and determined by the Seller to be defective. **THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR USE, OR ANY OTHER MATTER.** Under no circumstances shall Seller be liable to Buyer or any third party for any loss of profits or other direct or indirect costs, expenses, losses or consequential damages arising out of or as a result of any defects in or failure of its products or any part or parts thereof or arising out of or as a result of parts or components incorporated in Seller's equipment but not supplied by the Seller.



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