

Series HC

HOUSINGS
SINGLE CARTRIDGE
STANDARD DESIGNER



CHARACTERISTICS:

- 100% AISI 316 construction
- Head and V-Clamp manufactured with lost wax micro-casting
- Conform to 97/23/CE PED Directive
- Conform to 94/9/CE ATEX Directive
- Two head/bowl closure system available:
 - HCR: V-Clamp
 - HCD: DIN 11851 locknut
- HCR type suitable for liquid Gr. 1 and 2 filtration
- HCD type suitable for liquid or gas Gr. 1 and 2 filtration
- In line in/out connections for easy installation
- Suitable for operating pressure up to 12 bar (HCR) and 15 bar (HCD)
- Suitable for cartridges from 10" to 40"
- Suitable for cartridges DOE, M6, M7 (M3, M8 as option)
- Suitable for cartridges MHE (Dia. 75/40 mm)
- and WLEP series 2 (Dia. 70/40 mm)
- Installation of DOE cartridge independent from bowl
- O-ring head/bowl seal
- Designed to allow visual checking of the installed cartridge prior to bowl closure

MAIN APPLICATIONS:

- DESALINATION
- WATER TREATMENT
- FINE CHEMICAL
- PETROCHEMICAL
- OIL & GAS
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESIN
- PHARMACEUTICAL
- MICROELECTRONIC
- GALVANIC
- HYDRAULIC
- STEEL MILL
- GENERAL INDUSTRY

ASCO FILTRI

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TECHNICAL DATA:

MAX. WORKING CONDITION

- 12 bar @ 100 °C (HCR series)
- 15 bar @ 100 °C (HCD series)
- (according to the handled fluid)

CONSTRUCTION MATERIALS

HEAD:

- 316 SS micro casting

BOWL:

- 316L SS

V-CLAMP (SCR series):

- 316 SS micro casting

LOCKNUT (SCD series):

- 304 SS

BOWL FINISHING

Internal:

- Pickling

External:

- Manual polishing

GASKETS

- EPDM
- Buna-n
- Silicone
- Viton
- PTFE (only HCD)
- FEP

IN/OUT

- 1.1/2" GAS-F

DRAIN

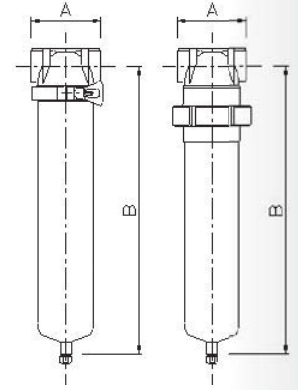
- 1/4" GAS-F

ACCESSORIES

- Flanged connections

Dimensions:

Length	Dimensions [mm]		Nozzles		Volume	Weight
	A	B [1]	In/out	Drain	[lt]	[kg]
10	153	377	1.1/2" GAS-F	1/4" GAS-F	4.50	5.0
20	153	680			6.20	6.5
30	153	895			8.30	8.5
40	153	1145			10.7	10.0



Max. working pressure:

Fluid	HCR				HCD			
	10"	20"	30"	40"	10"	20"	30"	40"
Liquido Gr. 2	12 bar	12 bar	12 bar	12 bar	15 bar	15 bar	15 bar	15 bar
Liquido Gr. 1	12 bar	12 bar	12 bar	12 bar	15 bar	15 bar	15 bar	15 bar
Gas Gr. 2	Not suitable				15 bar	15 bar	15 bar	15 bar
Gas Gr. 1	Not suitable				11 bar	8 bar	6 bar	4.5 bar

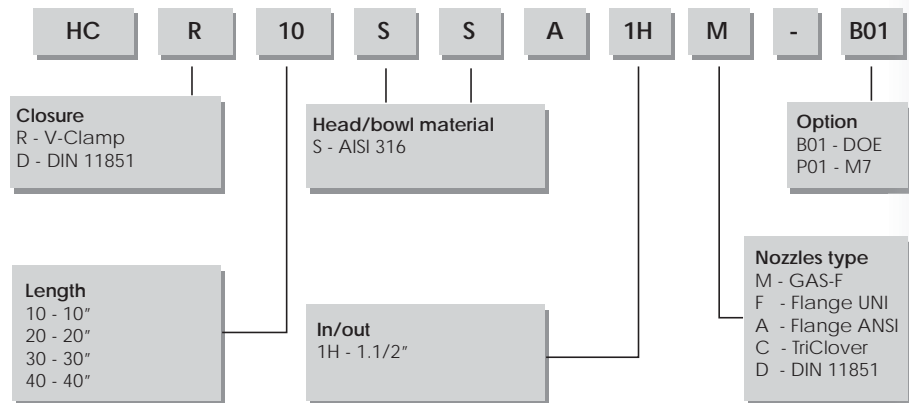
Where the 97/23/CE PED Directive is applicable, in case dangerous of gas Gr. 1, the max. working pressure must be reduced.
For different working pressure check with the operating manual.

Gaskets temperature limitation:

EPDM	120 °C	Viton	230 °C	PTFE	250 °C
Buna-n	120 °C	Silicone	230 °C	FEP	250 °C

Working temperature is limited from installed gaskets.
For different working temperature check with the operating manual.

Ordering information:



We reserve the right to change the data of this specification without notice.

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