

EHHC Series

● DESCRIPTION

Return filter

Connection type and size:

Flange connection: 3"

Maximum flow rate up to 1500 l/min

● TECHNICAL PARAMETER

Maximum working pressure: 10 bar

Bypass valve opening pressure: 3.4 bar

Transmitter opening pressure: 2.4 bar

Temperature range: -43 to +120

● MATERIALS

Head: Cast iron

Filter bowl: Carbon steel

Seals: NBR nitrile rubber (standard)

Or FKM fluororubber (customizable)

Filter element material: Fiberglass



● MEDIA COMPATIBILITY

Suitable for mineral oil, lubricating oil, fire-resistant oil, and rapidly biodegradable media.
(If used for water-based or special media, please consult our sales department.)

Ordering Options Table

EHHC 8420 F48 U 12 N B B A

Filter type

Filter specification

Connection type and size

SAE 3"

Filter element length

Type	Filter element length
S	8
U	16
V	26
X	39

Filter fineness(μm)

2.5 5 7 12 22

Seals

N: NBR V: FKM

Bypass valve opening pressure

B = 3.4 bar

N = Without bypass valve

Differential pressure transmitter

- A: Steel blanking plug in indicator port
- EB: Visual (Automatic reset)
- B: Visual (Manual reset)
- R: Electrical indicator
- RL: Visual and electrical indicators
- M: Electrical indicator
- ML: Visual and electrical indicators

Diffuser Options

A = Without diffuser

Omit = With diffuser



Filter Element

EYHC 8420 16 12 N

Filter element type

Filter element specification

Filter element length
08" 16" 26" 39"

Filtration fineness(μm)
2.5 5 7 12 22

Seals
N: NBR V: FKM

Huayu E

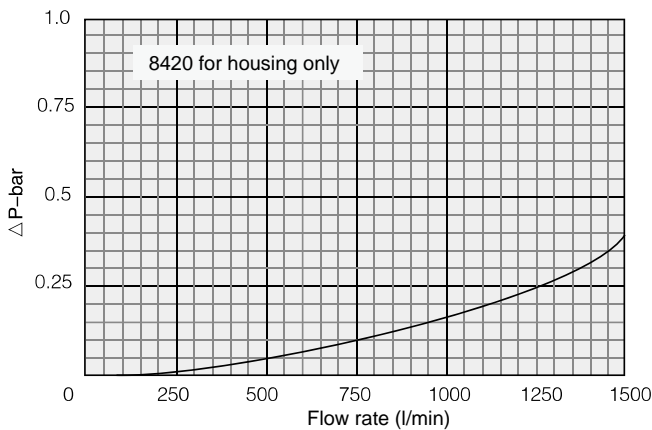
Maintenance Instructions

- Filter housing must be grounded
- When using electric plugging, please replace the filter element.
- The system must be turned off before removing the clog indicator light and power connector.

Differential pressure information

Differential pressure of filter housing with a fluid specific gravity of 0.9.

Housing pressure drop is directly proportional to specific gravity.



Filter element pressure difference

The actual flow rate is multiplied by the coefficient to obtain a filtration viscosity of 32 cSt (150 SUS).

The specific gravity is 0.9. The pressure difference of the filter element when the fluid is flowing.

Note: The flow rate of the coefficient values in the table is 1000 l/min or 1 US gpm.

Length	2.5	5	7	12	22
8" *	2.85	1.25	1.03	0.77	0.52
16"	1.42	0.62	0.51	0.38	0.25
26"	1.10	0.42	0.34	0.25	0.17
39"	0.71	0.27	0.22	0.16	0.11

DIMENSIONS

Dimensional drawing of oil inlet flange

