

EHGR Series

● DESCRIPTION

High pressure filter

Connection type and size:

Side panel connection: 1½"

Maximum flow rate up to 910 l/min

● TECHNICAL PARAMETER

Maximum working pressure: 414 bar

Bypass valve opening pressure: 3.4 bar

Transmitter opening pressure: 2.4 bar

Temperature range: -29°C to +120°C

● MATERIALS

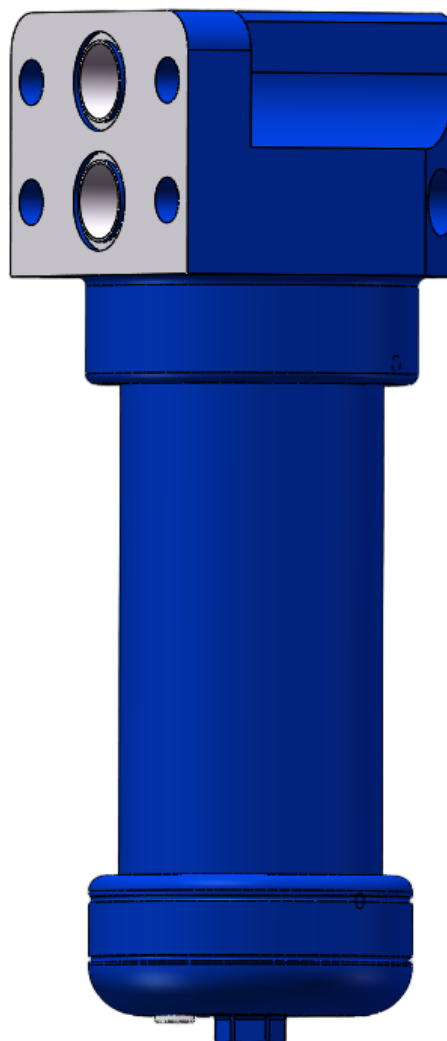
Head: Carbon steel

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

	EHGR	9900	S24	26	12	N	B	B															
Filter type																							
Filter specification																							
9900 9901																							
Connection type and size																							
<table><tr><th>Type</th><th>Connection</th><th colspan="3">Filter size</th></tr><tr><td></td><td></td><th>13</th><th>26</th><th>39</th></tr><tr><td>S24</td><td>Side panel 1½"</td><td>●</td><td>●</td><td>●</td></tr></table>									Type	Connection	Filter size					13	26	39	S24	Side panel 1½"	●	●	●
Type	Connection	Filter size																					
		13	26	39																			
S24	Side panel 1½"	●	●	●																			
Filter element length																							
13" 26" 39"																							
Filter fineness(μm)																							
3 5 7 12 22																							
Seals																							
N: NBR V: FKM																							
Bypass valve opening pressure																							
B = 3.4 bar N = Withoutbypass valve																							
Differential pressure transmitter																							

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

Filter Element

	EYGR	9900	26	12	N
Filter element type					
Filter element specification					
9900 9901					
Filter element length					
13" 26" 39"					
Filtration fineness(μm)					
3 5 7 12 22					
Seals					
N: NBR V: FKM					

Maintenance Instructions

Filter housing must be grounded

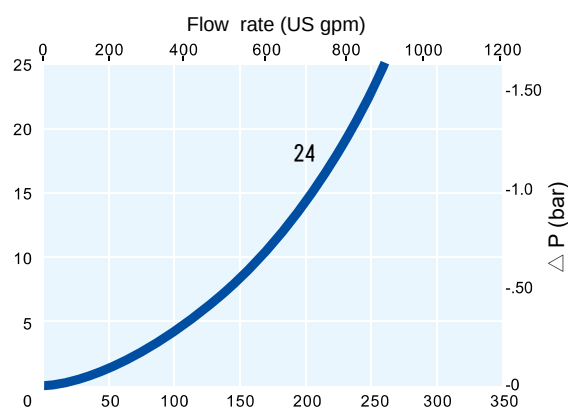
When using electric plugging, please replace the filter element.

The system must be turned off before removing the clogging 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.

9900-9901 Series Filter Elements —bar/1000 l/min (psid/US gpm)

Length	3	5	7	12	22
13	3.51	1.66	1.29	0.92	0.74
26	1.66	0.92	0.74	0.55	0.37
39	1.11	0.55	0.27	0.37	0.18

DIMENSIONS

