

Magnom™ Process Unit



TECHNICAL SPECIFICATIONS

Mounting Method	Tripod Support Legs
Port Connection	2", 3", 4" (NPT or Flanged)
Construction Materials	
Housing	Carbon Steel or 316 Stainless Steel
Magnom™ Core	Carbon Steel or 316 Stainless Steel with 430 Series Stainless Plates
Sleeve	Aluminium or 316 Stainless Steel
Temperature	250°F (120°C) standard up to 575°F (300°C) optional
Pressure	150 psi (10 bar) standard up to 3500 psi (241 bar) optional
Fluid Compatibility	Viscosity range from compressed gas to grease (Approx. 50,000 SUS)

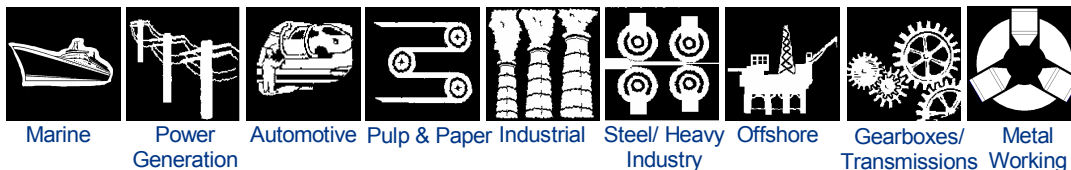
STANDARD FEATURES

- ◆ Minimal and constant pressure drop
- ◆ Drain and vent ports
- ◆ Viton lid seals
- ◆ Hinged quick opening swing closure with handle and eye nuts

OPTIONAL FEATURES

- ◆ ASME U and UM code stamps
- ◆ Higher pressure capabilities available
- ◆ Optional inlet, outlet locations and configurations available
- ◆ Variety of seal materials available
- ◆ Other Housing materials available
- ◆ Crane and trolley attachment for easily installing and removing Magnom cores

APPLICATIONS



GENERAL INFORMATION

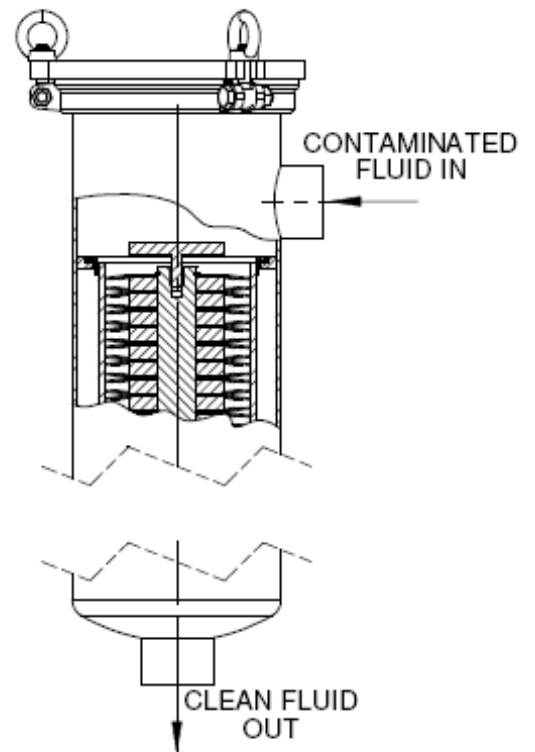
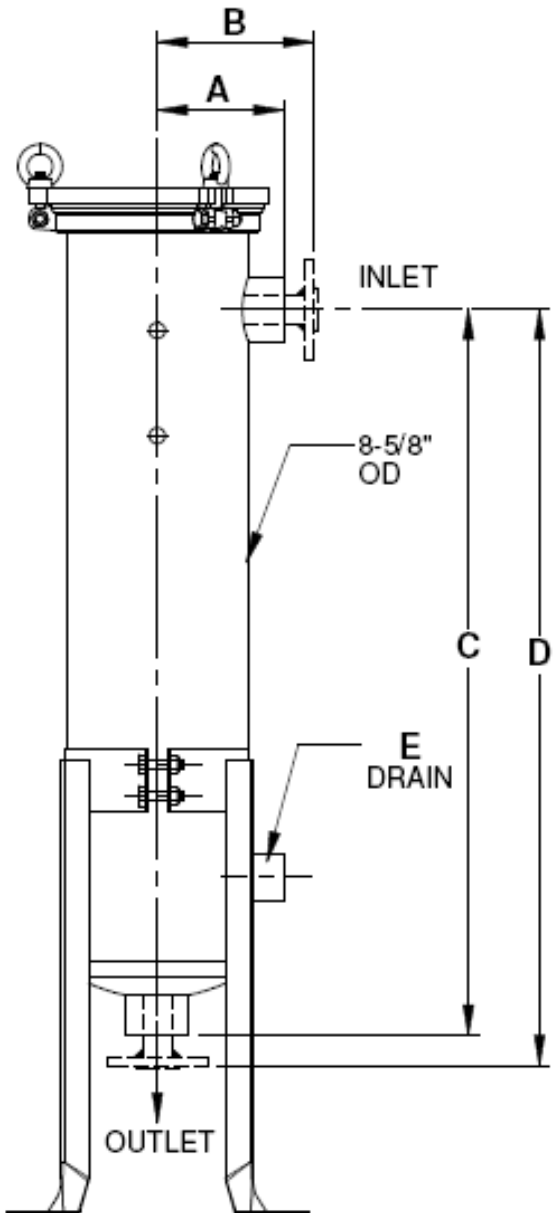
- ◆ This high contaminant capacity series of filters are the ideal choice for process liquids including: chemicals, coolants, water, gases, petroleum products and heavy greases.
- ◆ Applications include: Metal Working Coolants and Oils, Natural Gas, Oil Refining and Storage, Chemical Processing, Hot Oil Systems, Hydraulic Fluid, Water/ Steam, Central Lubrication Systems, Food Processing, Descale and Morgoil Systems.
- ◆ The internal sleeve and Magnom™ stack rests on a steel support ring with an o-ring seal to eliminate particulate bypass.
- ◆ A vent is located in the housing lid and a drain port allows fast evacuation and rapid filling.
- ◆ All vessels are blast cleaned and the outside is painted with a coat of machinery grade enamel.



DIMENSIONAL INFORMATION

Pipe Size	A (FNPT)	B (Flange)	C (FNPT)	D (Flange)	E
2"	5.3	6.7	24.7	25.4	1.0
3"	5.4	7.1	24.7	26.5	1.0
4"	5.4	7.1	24.7	26.6	1.0

NOTE : Dimensions are in Inches

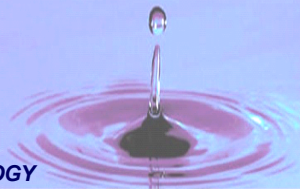


MAGNOM™ CORE STACK INFORMATION

Magnom™ Stack	Length (Inches)	Diameter (Inches)	Approx. Contaminant Holding Capacity	Weight
15"	15	6	8 lb 12 oz (4 kg)	39 lb 10 oz (18 kg)
27"	27	6	15 lb 14 oz (7.2 kg)	71 lb 10 oz (32.5 kg)

NOTE:

Due to continuous product improvement, specifications are for reference only and subject to change without notice. Dimensions are in Inches.



PD Vs. FLOW RATE CURVES

The following curves are based on theoretical calculations and for reference only.
(Adjustments must be made for viscosity and specific gravity of the fluid to be used!)

