

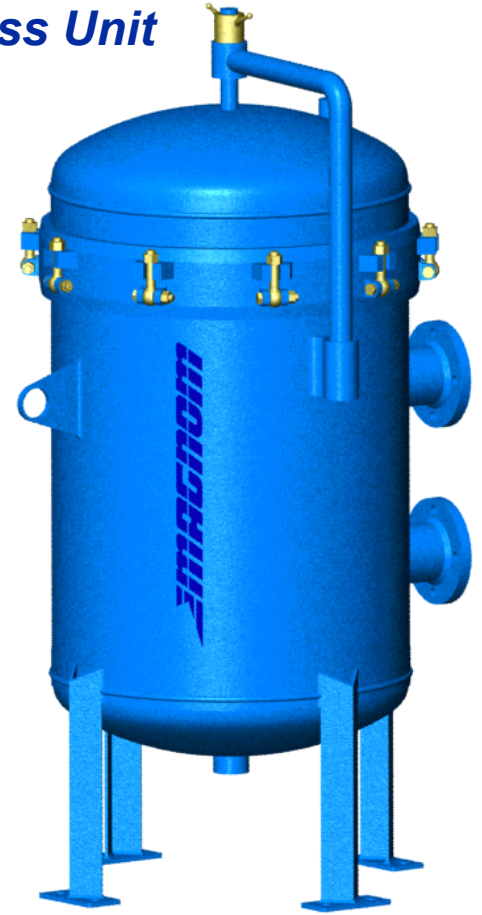


PRODUCT TECHNICAL SPECIFICATION

Magnom™ Multi-Round Process Unit

TECHNICAL SPECIFICATIONS

Port Connection	2", 3", 4", 6", 8", 10", 12" (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 and up to 575°F (300°C) optional
Pressure	150 psi (10 bar) standard up to 300 psi 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
- ◆ Swing bolt closure with Buna O-ring lid seal and head lifting davit
- ◆ Standard vessels are ASME code design

OPTIONAL FEATURES

- ◆ ASME U and UM code stamps
- ◆ Other Inlet/Outlet sizes available (i.e. greater than 12")
- ◆ Higher pressure capabilities available
- ◆ Variety of seal materials available
- ◆ Other housing materials available
- ◆ Crane and trolley attachment for easily installing and removing Magnom™ cores

Vessels with 24" and under outside diameter feature a flat top style lid. Vessels over 24" outside diameter feature a dome top lid. 316 Stainless construction has carbon steel external bolting, legs, davit arm and davit handle.

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 Mergoil 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.

Magnom™

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The company reserves the right to alter specification without prior notice.

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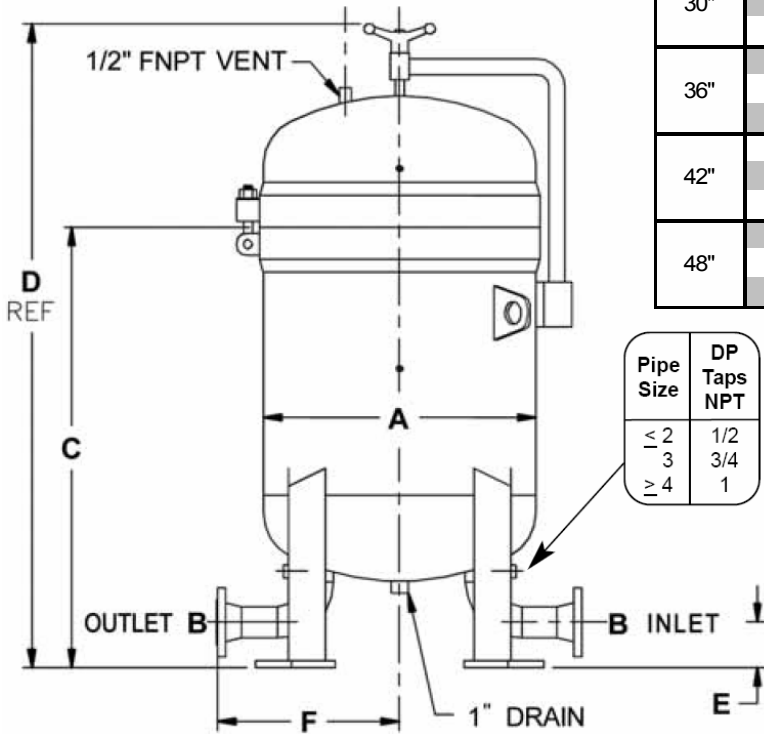
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DIMENSIONAL INFORMATION

Model Size OD (A)	Pipe Sizes (B)	(C)	(D)	(E)	(F)	Weight (Approx) Lbs.	Number of Sleeves	Leg Bolts* 7/8" hole (Bot Center)
20"	2	40.6	56.1	4.50	11.1	410	3	4 PLCS on (18" BC)
	3	43.0	58.05	5.25	13.0	435		
	4	45.3	60.8	6.00	14.6	460		
22"	3	43.9	60.4	5.25	13.8	500	4	4 PLCS on (20" BC)
	4	46.2	62.7	6.00	15.4	515		
	6	50.4	66.9	7.00	18.9	560		
26"	3	44.2	61.2	5.25	14.9	535	6	8 PLCS on (28" BC)
	4	46.5	63.5	6.00	16.6	555		
	6	50.6	67.6	7.00	20.1	590		
30"	4	47.6	66.1	6.00	18.7	665	8	8 PLCS on (34" BC)
	6	51.9	70.4	7.00	22.2	705		
	8	56.4	74.9	8.25	25.7	850		
36"	6	53.4	73.4	7.00	24.1	870	12	8 PLCS on (40" BC)
	8	57.9	77.9	8.25	27.6	1010		
	10	62.4	82.4	9.50	30.6	1150		
42"	8	59.2	80.7	8.25	29.1	1960	17	8 PLCS on (46" BC)
	10	63.5	85	9.50	31.1	2070		
	12	68	89.5	11.00	32.2	2200		
48"	8	59.9	85.2	8.25	31.8	2200	23	8 PLCS on (52" BC)
	10	64.4	89.7	9.50	34.8	2350		
	12	69.2	94.5	11.00	38.3	2530		



NOTE:

*8 Leg Bolt Places on All Sizes (Except 20" and 22" Which are 4 Places), 7/8" Holes, 90° at 6" Centers. Dimensions are in Inches.

MAGNOM™ 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)
30"	30	6	17 lb 8 oz (8 kg)	79 lb 5 oz (36 kg)

NOTE:

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

