



DATA SUBMITTAL

Mag Pro Magnetic Systems Hub

Date: 9/25

Models: ZM02, ZM03, ZM10, ZM11,
ZM12. ZM20

Job Name: _____	Submitted By: _____	Date: _____
Job Location: _____	Approved By: _____	Date: _____
_____	Order No.: _____	Date: _____
Engineer: _____	Notes: _____	
Contractor: _____	_____	
Sales Rep.: _____	_____	

Description

The Zilmet Mag Pro Magnetic Systems Hub a light commercial magnetic filter and air & dirt separator with live system access drain. Flow through or side stream operation provides installation flexibility with central service point efficiency.

Multiple inlet configurations.

Removable 12,000 gauss neodymium dry magnet.

Integral stainless steel 100 micron filter basket.

Truck bed liner exterior paint coating for maximum durability.

Filter Bags available separately.



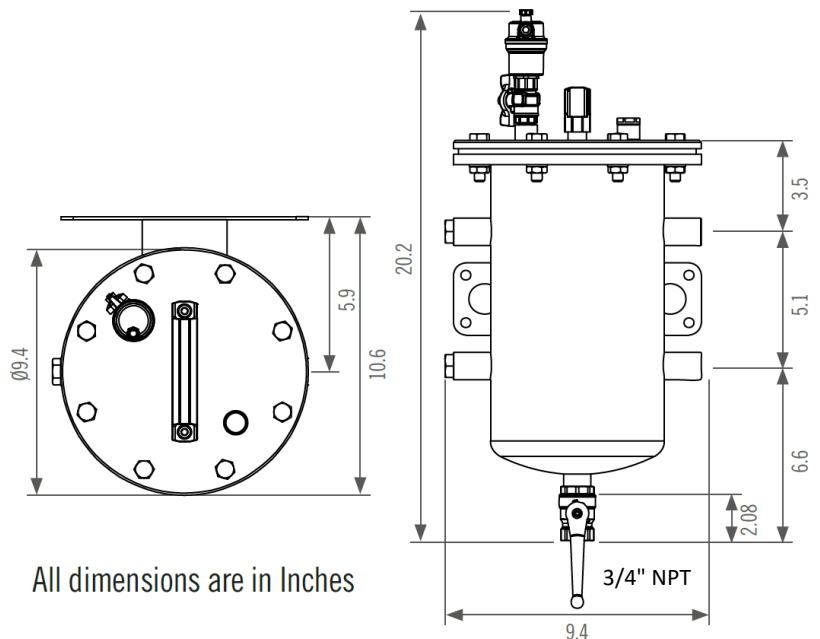
IMPFB01 – 1 Micron Filter Bag
IMPFB05 – 5 Micron Filter Bag
IMPFB10 – 10 Micron Filter Bag
IMPFB20 – 20 Micron Filter Bag
IMPFB30 – 30 Micron Filter Bag
IMPFB50 – 50 Micron Filter Bag

Connections:

ZM02: ½" NPT
ZM03: ¾" NPT
ZM10: 1" NPT
ZM11: 1-1/4" NPT
ZM12: 1-1/2" NPT
ZM20: 2" NPT

Performance Conditions

Max Design Temperature: 230°F
Max Operating Pressure: 150 PSIG
Glycol up to 50% mix





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TO SIZE A ZILMET MAG-PRO MAGNETIC FILTER:

- Find the Maximum Flow Rate for your system at the top of the table
- Go down column; choose desired Pressure Drop in highlighted section
- Go left to identify the proper Connection Size and Model Number

TABLE of **PRESSURE DROP (PSI)**

Mod No.	Connection Size	Maximum System Flow Rate (GPM)										
		2.5	5	10	15	20	25	30	40	60	80	100
ZM02	1/2 FNPT	0.2	0.6	2.5	5.3	10.4	14.5					
ZM03	3/4 FNPT	0.1	0.2	0.8	1.8	3.2	5.0	7.0	12.4			
ZM10	1 FNPT	< 0.1	< 0.1	0.3	0.6	1.2	1.8	2.5	4.3	9.8		
ZM11	1-1/4 FNPT	< 0.1	< 0.1	0.2	0.3	0.3	0.5	0.7	1.3	2.8	5.0	7.7
ZM12	1-1/2 FNPT	< 0.1	< 0.1	< 0.1	< 0.1	0.2	0.2	0.3	0.5	1.1	1.9	3.0
ZM20	2 FNPT	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.1	0.1	0.2	0.4	0.8	1.2

The highlighted areas denote the acceptable magnetic filter selection for flow rates and pipe size at a velocity of 4 fps in accordance with the ASHRAE Recommended Maximum GPM

