



## DATA SUBMITTAL

### Mag Pro Magnetic Systems Hub

Date: 11/2021

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.



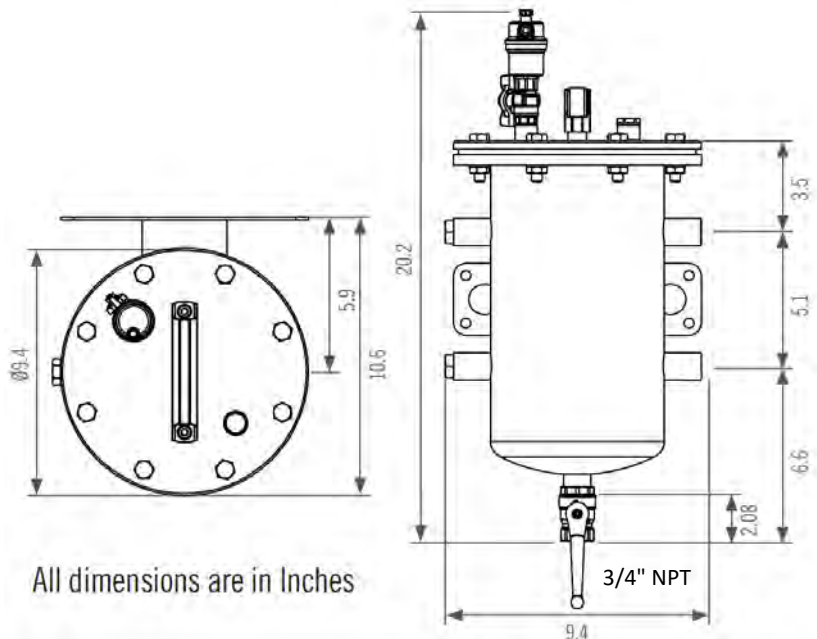
- IMPFB01 – 1 Micron Filter Bag
- IMPFB05 – 5 Micron Filter Bag
- IMPFB10 – 10 Micron Filter Bag
- IMPFB20 – 20 Micron Filter Bag
- IMPFB30 – 30 Micron Filter Bag
- IMPFB50 – 50 Micron Filter Bag

#### 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

