



DATA SUBMITTAL

Mag Pro Plus Magnetic System Hub

Date: 11/2021

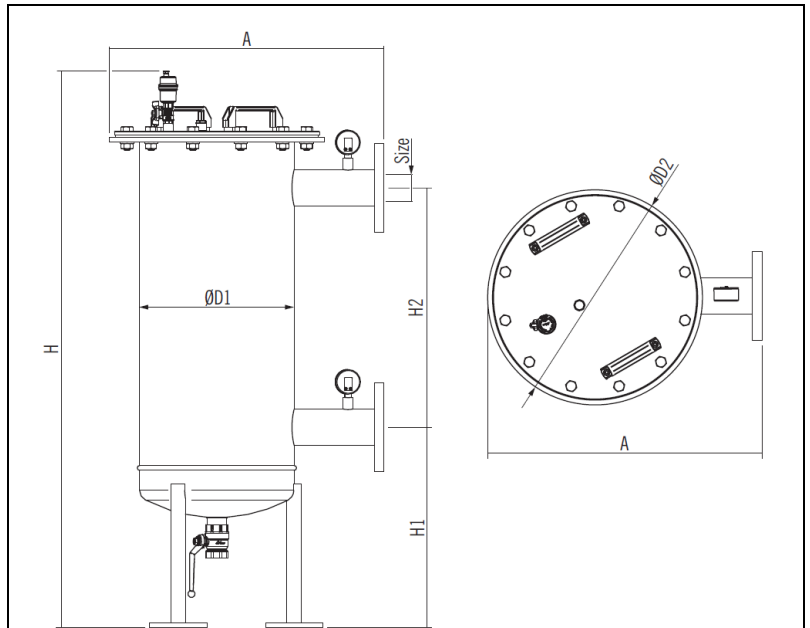
Models: ZMPP20, ZMPP22, ZMPP30,
ZMPP40, ZMPP50, ZMPP60

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

Description

The Zilmet Mag Pro Plus Magnetic Systems Hub a commercial magnetic dirt filter with integral filter basket, automatic air vent, draining valve, and chemical dosing point.

- Four 12,000 gauss magnets
- Reinforced stainless steel 100 micron mesh
- 6 flange sizes available
- Height adjustable legs
- Large removable basket with check valves



Performance Conditions

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

Code	Size*	A	ØD1	ØD2	H1#	H2	H#
ZMPP20	2"	18.62"	8.66"	23.62"	15.16"	17.72"	41.73"
ZMPP22	2½"	22.64"	12.76"	17.72"	16.50"	19.69"	45.75"
ZMPP30	3"	22.64"	12.76"	17.72"	16.50"	19.69"	45.75"
ZMPP40	4"	22.64"	12.76"	17.72"	16.50"	19.69"	45.75"
ZMPP50	5"	25.83"	15.98"	20.94"	17.13"	21.65"	48.86"
ZMPP60	6"	25.83"	15.98"	20.94"	17.13"	21.65"	48.86"

* Suitable for connecting to ASME/ANSI B16.5 steel flanges and ASME/ANSI B16.1 cast iron flanges
Minimum value - supplied with adjustable legs extendable by approximately 8"



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Magnetic Systems Hub

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TO SIZE A ZILMET MAG-PRO-PLUS MAGNETIC FILTER:

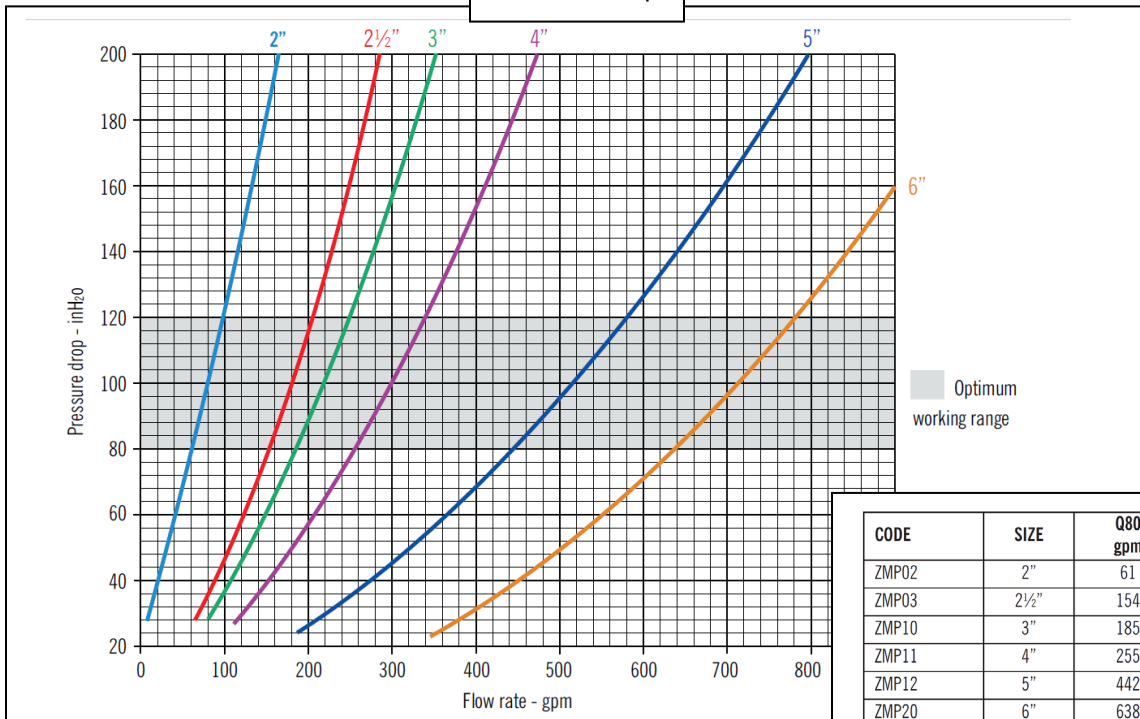
- Find the Maximum Flow Rate for your system at the top of the table
- Go down column; choose desired Pressure Drop in highlighted section
- Go left to identify the proper Connection Size and Model Number

TABLE of PRESSURE DROP (PSI)

Mod No.	Connection Size	Flanged	Maximum System Flow Rate (GPM)																
			10	20	30	40	60	80	100	140	180	220	300	400	500	600	700	800	
ZMPP20	2	Flanged	<1.0	1.5	1.8	2.2	2.7	3.6	4.4	5.6									
ZMPP22	2-1/2	Flanged	<1.0	<1.0	<1.0	<1.0	0.9	1.3	1.7	2.6	3.6	4.7							
ZMPP30	3	Flanged	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	1.3	2.0	2.8	3.6	5.6						
ZMPP40	4	Flanged	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.9	1.3	1.8	2.4	3.6	5.5					
ZMPP50	5	Flanged	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	1.6	2.5	3.5	4.6	5.8	7.2		
ZMPP60	6	Flanged	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	1.8	2.5	3.5	4.5		

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

Pressure Drop



CODE	SIZE	Q80 gpm	Q120 gpm
ZMP02	2"	61	99
ZMP03	2½"	154	203
ZMP10	3"	185	250
ZMP11	4"	255	340
ZMP12	5"	442	580
ZMP20	6"	638	780

Q₃₀ = flow rate with 120 inH₂O pressure drop
Q₂₀ = flow rate with 80 inH₂O pressure drop