



Product Bulletin

Zilmet Magnetic Filter Sizing

February 3, 2020



IntaKlean
Residential



MagPro
Light Commercial



MagPro Plus
Commercial

SIZING CHART FOR INTAKLEAN / MAGPRO / MAGPRO PLUS based on FLOWRATE AND PRESSURE DROP

TO SIZE A ZILMET MAGNETIC FILTER:

- A) Find the Maximum Flow Rate for your system at the top of the table
- B) Go down the column for Flow Rate and choose a desired Pressure Drop within the highlighted section
- C) Go across to the 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 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 300 | 400 | 500 | 600 | 700 | 800 | | |
| IntaKlean | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IK203 | 3/4 FNPT | | 0.1 | 0.4 | 1.7 | 3.8 | 6.4 | 10.0 | 14.5 | | | | | | | | | | | | | | | | | | | |
| IK2010 | 1 FNPT | | 0.1 | 0.3 | 1.3 | 3.0 | 5.3 | 8.2 | 12.0 | | | | | | | | | | | | | | | | | | | |
| IK211 | 1-1/4 FNPT | | 0.1 | 0.3 | 1.2 | 2.7 | 4.8 | 7.2 | 10.6 | | | | | | | | | | | | | | | | | | | |
| MagPro | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 11.1 | | | | | | | | | | | | | | |
| 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 | 4.2 | 5.8 | 7.5 | 9.5 | 11.7 | 14.1 | | | | | | | | | |
| 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 | 1.7 | 2.3 | 2.9 | 3.7 | 4.6 | 5.6 | 6.7 | | | | | | | | |
| MagPro Plus | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZMPP20 | 2 Flanged | | <1.0 | <1.0 | <1.0 | <1.0 | 1.5 | 1.7 | 1.8 | 2.2 | 2.7 | 3.6 | 4.4 | 5.2 | 5.6 | 6.9 | | | | | | | | | | | | |
| ZMPP22 | 2-1/2 Flanged | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.9 | 1.3 | 1.7 | 2.1 | 2.6 | 3.0 | 3.6 | 4.2 | 4.7 | 5.4 | | | | | | | | | |
| ZMPP30 | 3 Flanged | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | 1.3 | 1.6 | 2.0 | 2.5 | 2.8 | 3.2 | 3.6 | 4.1 | 5.6 | | | | | | | | |
| ZMPP40 | 4 Flanged | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 0.9 | 1.0 | 1.3 | 1.5 | 1.8 | 2.0 | 2.4 | 2.6 | 3.6 | 5.5 | | | | | | | |
| ZMPP50 | 5 Flanged | | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.0 | 1.1 | 1.2 | 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 | <1.0 | <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

