



HF Drawer Magnets

Designed for separation in enclosed flow lines and equipped with the most powerful magnetic cartridge to handle a wide range of separation tasks.

Available with up to five cartridge trays.

Manual, pneumatic and continuous self-cleaning options available.

Custom flanges to suit application at no extra cost.

The Optional transitions available for round or square spouting

Ceramic and High-Intensity (NHI, 10,000 gauss) Rare Earth magnets are available

Available in either standard grade or food grade

Manual Standard HF Drawer Magnet

In the standard configuration, ferrous debris is removed from the cartridges by sliding the trays out of the housing and wiping them off by hand.



Standard HF Drawer Magnet



Manual Self-Cleaning HF Drawer Magnet

Manual Self-Cleaning HF Drawer Magnet

Self-Cleaning HF Drawer Magnets are designed to fully extend the magnetic cartridges outside the housing. As these tube assemblies travel outside the housing, grommets wipe the tubes clean all the way to their nonmagnetic tapered ends. This ensures that each cartridge is fully wiped and prevents captured tramp iron from reentering the housings.

Pneumatic Self-Cleaning HF Drawer Magnet

Pneumatically powered cleaning mechanism releases ferrous contaminants into the discharge area automatically. Pneumatic units can be installed in hard-to-reach locations because they operate at the touch of a remote switch or by a Bunting-engineered automated control package. With this model, product flow must be stopped to clean cartridges and prevent contaminated products from flowing into product stream.



Pneumatic Continuous Self-Cleaning HF Drawer Magnet



HF Drawer Magnets

Selecting an HF Series Drawer Magnet to fit your system is a matter of matching the magnet to the size and capacity of your spouting or throat opening...and to the contaminants, product densities, and material bridging characteristics you encounter. Which type of Drawer Magnet will work best for your application: the Standard HF Drawer; Manual Self-Cleaning HF Drawer; or Pneumatic Self-Cleaning HF Drawer? Review the information and tables in this section to help determine the type of Drawer Magnet you want.

For Square Spouting

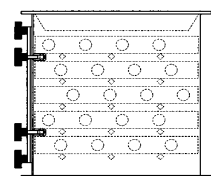
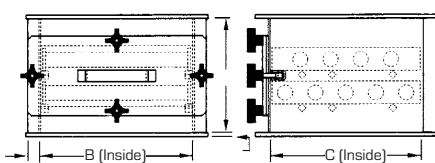
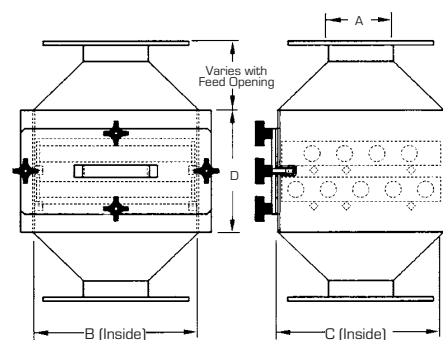
Read down the "square spouting" column until you find the correct size. Then read across the row for the corresponding model number.

For Round Spouting

Read down the "round spouting" column to match the size you need. Then read across the row for the corresponding model.

For Rectangular Spouting

Calculate the spouting's cross-sectional area in square inches. Then double it. Read down the "Housing Cross Section Area" column until you come to an area that is at least as large as the number you just calculated and read across the row to find the model number of the unit that's right for your installation.



Waterfall Housing with 76mm centers for high purification requirements for products that bridge easily

| Model No. | Housing Cross Section | A Square Spouting | B Round Spouting | C Width | D Depth | E Height |
|-----------|-----------------------|-------------------|------------------|---------|---------|----------|
| HFS-2010 | 2540 | 152 | 152 | 254 | 254 | 152 |
| HFS-2012 | 3658 | 203 | 203 | 305 | 305 | 152 |
| HFS-2014 | 4978 | 229 | 254 | 356 | 356 | 152 |
| HFS-2016 | 6502 | 254 | 305 | 406 | 406 | 191 |
| HFS-2018 | 8221 | 305 | 330 | 457 | 457 | 191 |
| HFS-2020 | 10160 | 330 | 356 | 508 | 508 | 191 |
| HFS-2022 | 12294 | 356 | 406 | 559 | 559 | 191 |
| HFS-2024 | 14630 | 406 | 456 | 610 | 610 | 191 |
| HFS-2026 | 17170 | 432 | 483 | 660 | 660 | 191 |
| HFS-2028 | 19984 | 457 | 508 | 711 | 711 | 191 |
| HFS-2030 | 22860 | 508 | 559 | 762 | 762 | 191 |
| HFS-3010 | 2540 | 152 | 152 | 254 | 254 | 208 |
| HFS-3012 | 3658 | 203 | 203 | 305 | 305 | 208 |
| HFS-3014 | 4978 | 229 | 254 | 356 | 356 | 208 |
| HFS-3016 | 6502 | 254 | 305 | 406 | 406 | 246 |
| HFS-3018 | 8221 | 305 | 330 | 456 | 456 | 246 |
| HFS-3020 | 10160 | 330 | 356 | 508 | 508 | 246 |
| HFS-3022 | 12294 | 356 | 406 | 559 | 559 | 246 |
| HFS-3024 | 14630 | 406 | 456 | 610 | 610 | 246 |
| HFS-3026 | 17170 | 432 | 483 | 660 | 660 | 246 |
| HFS-3028 | 19984 | 406 | 508 | 711 | 711 | 246 |
| HFS-3030 | 22860 | 508 | 559 | 762 | 762 | 246 |
| HFS-4010 | 2540 | 152 | 152 | 254 | 254 | 264 |
| HFS-4012 | 3658 | 203 | 152 | 305 | 305 | 264 |
| HFS-4014 | 4978 | 229 | 254 | 356 | 356 | 264 |
| HFS-4016 | 6502 | 254 | 305 | 406 | 406 | 302 |
| HFS-4018 | 8221 | 305 | 330 | 456 | 456 | 302 |
| HFS-4020 | 10160 | 330 | 356 | 508 | 508 | 302 |
| HFS-4022 | 12294 | 356 | 406 | 559 | 559 | 302 |
| HFS-4024 | 14630 | 406 | 456 | 610 | 610 | 302 |
| HFS-4026 | 17170 | 432 | 483 | 660 | 660 | 302 |
| HFS-4028 | 19984 | 456 | 508 | 711 | 711 | 302 |
| HFS-4030 | 22860 | 508 | 559 | 762 | 762 | 302 |

Dimensions in mm. Area in square mm.