MagnaClean[®]

Magnetic Filter Submittal

Job Name:	Item Tag(s):
Engineer:	Quantity:
Sales Rep:	Model No:
Contractor:	Inlet Size:

The ADEY MagnaClean DRXTM magnetic dirt filter provides essential protection for small to medium sized commercial boiler systems with limited space. The filter consists of an innovative magnetic belt, containing numerous high-performing neodymium magnets, wrapped around a precision-engineered stainless-steel canister that simply unclips for easy servicing.

The MagnaClean DRX Magnetic Dirt Filters are a patented range of magnetic dirt filters that capture magnetite particles in a hydronic heating system. These filters are designed specifically to be installed with 2", 3" and 4" pipe sizes in North American.



Features/Benefits

- Light weight design for vertical or horizontal installation
- Restores hydronic heating systems efficiency and performance
- On-going maintenance cost are reduced
- Collects both magnetic and non-magnetic debris
- Patented design ensures low pressure loss
- "Spring-loaded" magnets: ensures magnets align properly with canister, maximizing dirt capture
- Suitable for in-line and side stream installations
- High quality rare earth neodymium magnets for ultimate capture of iron oxide (dirt)
- Collects large and micro-particles of sludge
- Stainless steel construction for maximum corrosion resistance
- Accessories Available
 - Automatic Air vent
 - Thermal Jacket

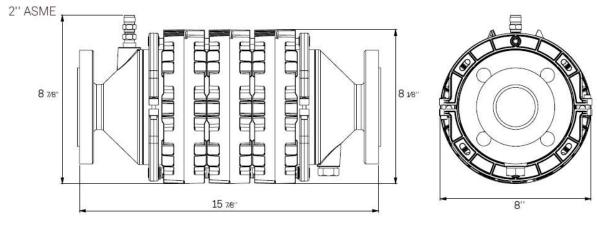
Technical Specs

- Maximum working pressure: 145PSI
- Maximum working temperature: 212°F
- Materials of Construction:
- Flanges and pressure vessel: 304L stainless steel (SA351CF3)
- Magnets: Rare Earth, High Power, NdFeB
- Flanges: ASME B16.5 Class 150
- Gaskets: EPDM
- Detachable Collar: Glass reinforced nylon with section clips
- Drain: 3/4" NPT hole & plug
- Built to ASME Section VIII Division 1 2017 standards
- The detachable collars of the DRX filter should be constructed of glass reinforced nylon with sections that clip onto a stainless-steel circular bar that is located on the top of the collar mechanism.

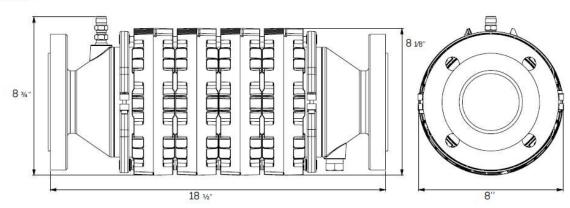
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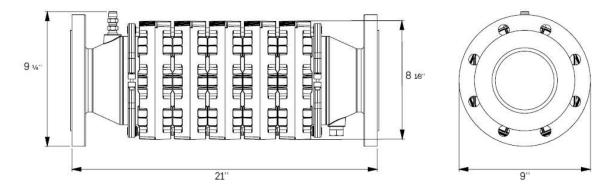
		Number of		Weight	Dimensions (inches)								
Product Code	Inlet Size	Magnets	(gal)	Dry (lbs.)	А	В	С	D	Flange	Bolt	# of	PCD	Bolt Size
									Dia.	Dia.	Bolts		
FL1-03-03784	2"	48	1.3	24.5	8″	15-7/8"	8-7/8"	8-1/8"	6″	3/4"	4	4.75	5/8
FL1-03-03785	3"	64	1.7	36.2	8″	18-1/2"	8-3/4"	8-1/8"	7-1/2"	3/4"	8	6.00	5/8
FL1-03-03786	4"	80	2.0	46.1	9″	21"	9-1/4"	8-1/8"	9″	1″	8	7.50	5/8



3" ASME



4" ASME



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