

GENERAL INFORMATION, INSTALLATION AND OPERATION SPECIFICATIONS

1.0 GENERAL REQUIREMENTS

- 1.1 Provide and install BoilerMagX in accordance with manual specifications
- 1.2 All work is to be performed in neat workmanship like manner compliant with all local code authorities
- 1.3 BoilerMagX is to be used in medium-sized systems working at up to 174psi (145 psi if using automatic air vent)

2.0 PRODUCT DATA

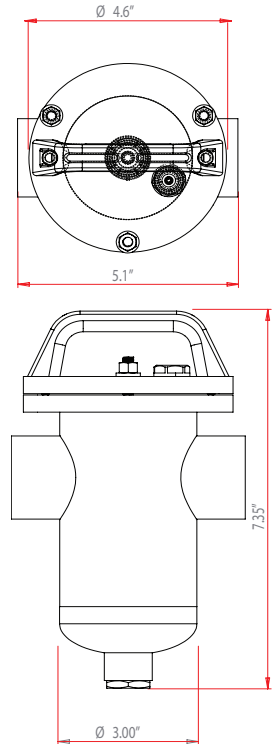
PERFORMANCE

Magnetic Performance	4,000 Gauss patented magnet core
Volume	0.16 gal (0.6 litres)
Pressure	174 psi (12 Bar) operating pressure (145 psi (10 Bar) if using automatic air vent)
Flow Rate	18 gpm (4 m ³ /h)
Collection Capacity	1.1 lbs (0.5 kg)
Temperature	212°F (100°C)

MATERIALS/CONSTRUCTION

Magnet Material	Rare Earth Neodymium Iron Boron
Magnet Grade	N42H high intensity
Housing	304 stainless steel
Cartridge	304 stainless steel
Fasteners	Lid 3x M6 domed nuts Drain plug ½" NPT
Surface Finish	Powder coated, black
Ports	1¼" NPT
O Ring Seal	EPDM
INCLUDES	Additional automatic air vent that has been packaged along with unit separately. The auto-vent will automatically release the trapped air maintaining heating efficiency

WARRANTY Industry leading 10 years

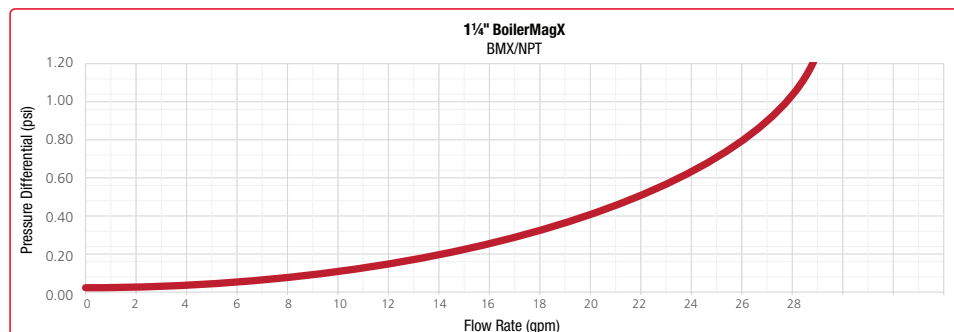


3.0 INSTALLATION

- 3.1 BoilerMagX is typically installed on the return circuit as close to the boiler as possible
- 3.2 BoilerMagX can be installed using flexible hoses or hard piped
- 3.3 No external power sources required for this product
- 3.4 All supply lines are to be isolated prior to any cleaning or maintenance actions

4.0 PRESSURE DROP DATA

BMX	
Flow (gpm)	Pressure Differential (psi)
0	0
4.4	0.02
8.8	0.08
13.2	0.17
17.6	0.31
22.0	0.53
26.4	0.84
28.0	1.04



***GAUSS: The gauss is the unit of measurement of magnetic flux density