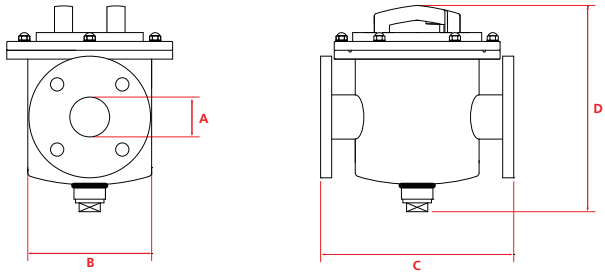


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO.: SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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1.0 PRODUCT DATA



Item Code	Part No.	Inlet / Outlet A	Filter Dia. B	Dimension C	Height D	No. magnetic rods	Flow rate at 3ft/sec gallons/min. (m ³ /hour)	Flow rate at 5ft/sec gallons/min. (m ³ /hour)	Flow rate at 8ft/sec gallons/min. (m ³ /hour)	Weight lbs/ kgs
BMXT/1.5NPT	BMXT100/NPT	1½" NPT	4" / 100mm	7½" / 190mm	11" / 280mm	3	17 (4)	28 (6)	44 (10)	19 / 8
BMXT/2NPT	BMXT150/NPT	2" NPT	6¾" / 170mm	10¾" / 270mm	11" / 280mm	5	20 (5)	48 (11)	78 (18)	40 / 18
BMXT/2.5	BMXT150/2.5/ANSI	2½" / 63mm	6¾" / 170mm	12¾" / 315mm	11" / 280mm	5	46 (10)	77 (17)	122 (28)	44 / 20
BMXT/3	BMXT200/3/ANSI	3" / 75mm	8¾" / 220mm	14¾" / 360mm	13¾" / 335mm	7	65 (15)	110 (25)	175 (40)	82 / 37
BMXT/4	BMXT200/ANSI	4" / 100mm	8¾" / 220mm	14¾" / 380mm	13¾" / 335mm	7	120 (27)	200 (45)	315 (72)	82 / 37
BMXT/6	BMXT300HF/ANSI	6" / 150mm	12¾" / 325mm	19¾" / 490mm	16½" / 420mm	9	260 (59)	440 (100)	700 (159)	133 / 60
BMXT/8	BMXT300HF/8/ANSI	8" / 200mm	12¾" / 325mm	20¾" / 525mm	18¾" / 460mm	9	475 (108)	775 (176)	1250 (284)	140 / 64
BMXT/10*	BMXT400/10/ANSI*	10" / 250mm	16" / 406mm	30" / 760mm	29¾" / 754mm	16	750 (170)	1225 (278)	1950 (443)	190 / 86
BMXT/12*	BMXT400/12/ANSI*	12" / 300mm	16" / 406mm	30" / 760mm	29¾" / 754mm	16	1100 (250)	1780 (404)	2800 (636)	195 / 88

* Made to order sizes

PERFORMANCE

- Magnetic performance** 9,000 Gauss high strength
- Performance reading** On tube surface
- Magnetic material** Rare Earth Neodymium Iron Boron N42SH
- Temperature** 41° to 302°F / 5° to 150°C (212°F / 110°C if using automatic air vent)
- Operating pressure** +/- 174psi / 12 bar (145psi / 10 bar if using automatic air vent)
(29psi / 2 bar if used in steam applications)
- Drain valve** ¾" NPT BMXT/1.5 (BMXT100/ANSI), all others 1¼" NPT

MATERIALS/CONSTRUCTION

- Housing** 304 grade stainless steel
- Tube cartridge** 316 grade stainless steel – aerospace quality
- Other parts** 304 grade stainless steel
- Surface finish** Internal - bead blast
External - powder coated, black
- Sealing** 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

OPTIONS

High temperature Samarium Cobalt magnetic material +482°F / 250°C

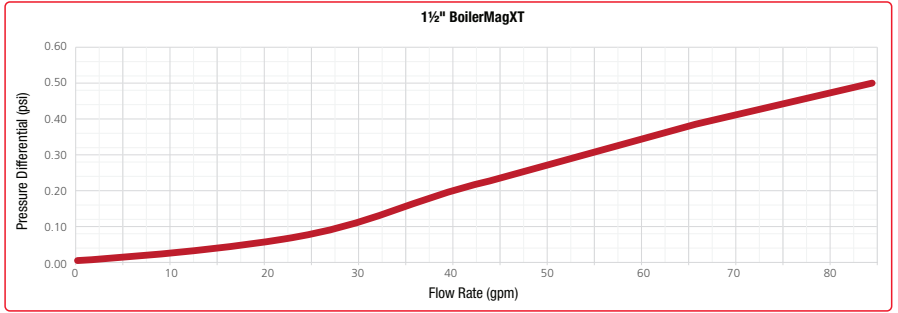
WARRANTY

Industry leading 10 years

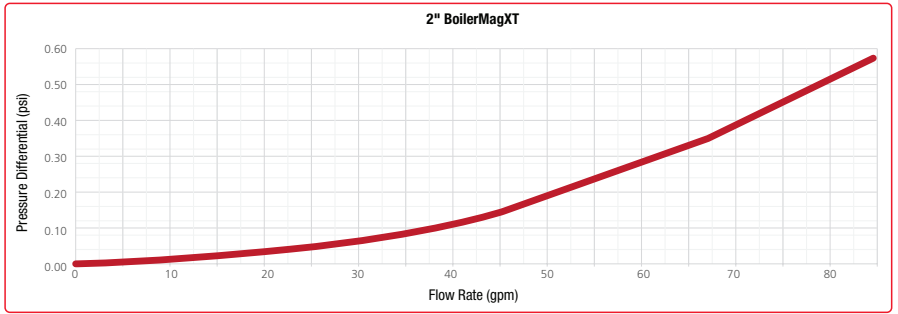
***GAUSS: The gauss is the unit of measurement of magnetic flux density

2.0 PRESSURE DROP DATA

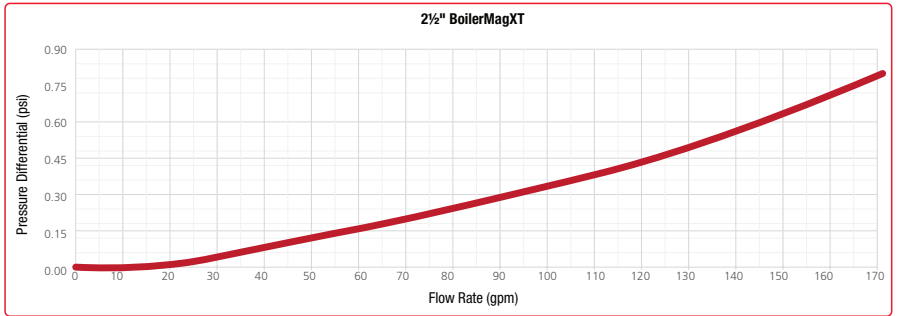
1½" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.05	0.12
44	0.24	0.55
66	0.39	0.90



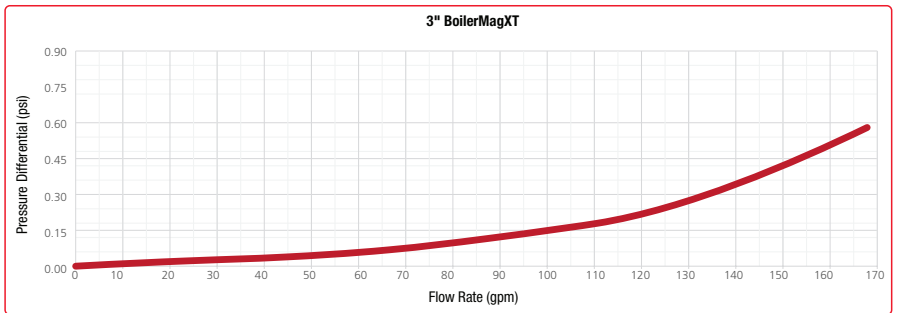
2" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.04	0.09
44	0.16	0.37
66	0.36	0.83
88	0.63	1.50



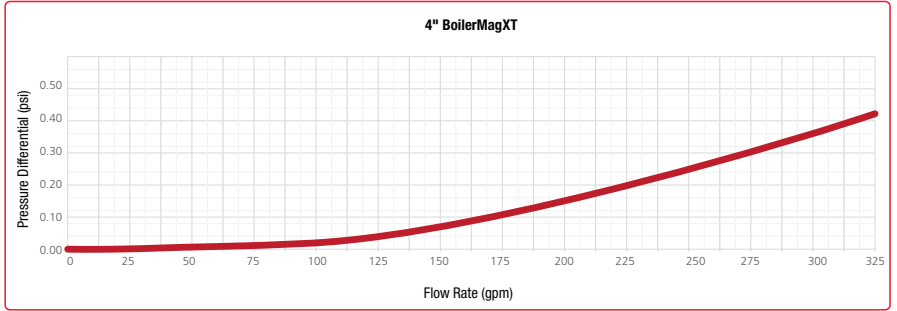
2½" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.03	0.07
44	0.12	0.28
66	0.16	0.37
88	0.29	0.67
110	0.40	0.92
198	0.85	1.96



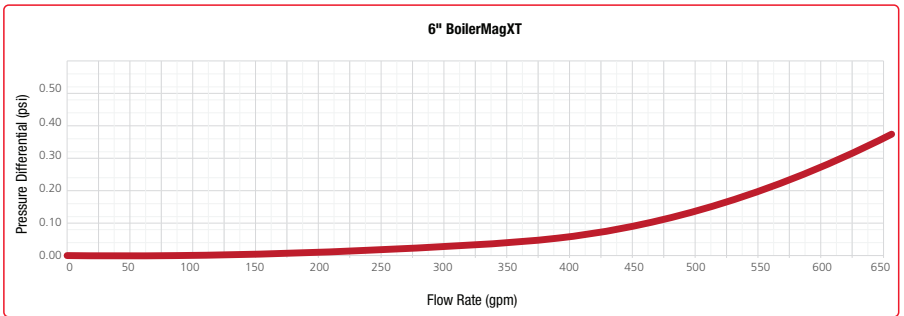
3" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.01	0.02
44	0.03	0.05
66	0.06	0.14
88	0.11	0.25
110	0.17	0.39
198	0.69	1.59



4" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.00	0.00
44	0.01	0.02
66	0.02	0.05
88	0.03	0.05
110	0.05	0.12
198	0.15	0.35
220	0.21	0.48
242	0.26	0.60
308	0.42	0.97



6" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.00	0.00
44	0.00	0.00
66	0.00	0.00
88	0.00	0.00
110	0.01	0.02
198	0.02	0.05
220	0.02	0.05
242	0.03	0.05
308	0.05	0.12
374	0.07	0.16
616	0.30	0.69
678	0.47	1.08



8" BMXT		
Flow (gpm)	Pressure Differential (psi)	ft of head
0	0.00	0.00
22	0.00	0.00
44	0.00	0.00
66	0.00	0.00
88	0.00	0.00
110	0.00	0.00
198	0.01	0.02
220	0.02	0.05
242	0.02	0.05
308	0.03	0.05
374	0.04	0.09
616	0.12	0.28
678	0.16	0.37
814	0.21	0.48
968	0.31	0.72
1170	0.43	0.99

