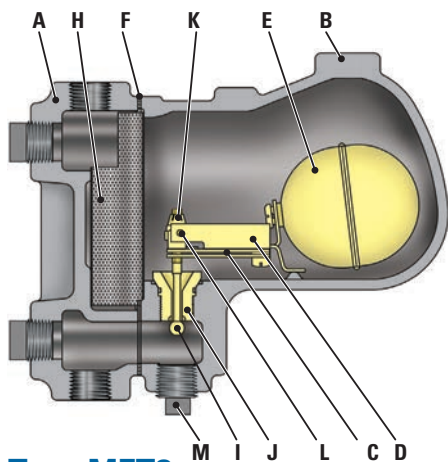


VELAN MONOVALVE FLOAT BIMETALLIC STEAM TRAPS



Type MFT2

STANDARD MATERIALS

PART		MATERIALS
A	Body	Cast iron Gr.250
B	Cover	Same as body material
C	Bimetal element	Truflex GB-14
D	Bimetal holder	Stainless steel
E	Float	Stainless steel
F	Cover gasket	Stainless steel with non-asbestos filler
G	Cover screw	High tensile steel Gr. S
H	Strainer	Stainless steel
I	Stem and ball	Stainless steel, ball 58Rc
J	Seat	SS hardfaced with CoCr alloy
K	Self lock adjusting nut	Stainless steel
L	Pivot plug	Stainless steel
M	Test plug 1/2" NPT	Steel
N	Strainer plug 3/8" NPT	Steel

NOTE: Part 'G' and 'N' are not shown for clarity.

APPLICATIONS

Boiler headers, steam mains, branch lines, unit heaters, air handlers, process air heaters, steam absorption machine (chiller), shell and tube heat exchangers, jacketed kettles, rotating dryers, flash tanks and steam separators.

CONNECTIONS

- Screwed

ENGINEERING DATA

PRESSURE RANGE ⁽¹⁾ psig/barg	PMO psig/barg	MATERIAL	MAX TEMP °F/°C	ORIFICE in/mm	MAX CAPACITY lb/hr/kg/hr
0-15 0-1	15 1	Cast iron Gr.250	428 220	1/2 12.7	7,000 3,182
0-50 0-3.5	50 3.5			5/16 8	3,200 1,455
0-125 0-8.5	125 8.5			1/4 6.4	2,600 1,182
0-200 0-14	200 14			7/32 5.5	2,000 909

(1) Product will operate throughout entire pressure range, however selection closest to the Maximum operating pressure is recommended for maximum efficiency.

PMA = Maximum allowable pressure: 260psig@100°F (18bar@38°C)

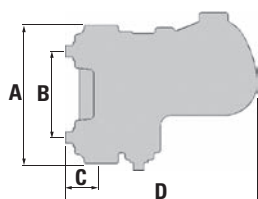
TMA = Maximum allowable temperature: 428°F (220°C)

Maximum cold hydrostatic test pressure: 400psig (27.5bar)

TMO = Maximum operating temperature = TMA

PMO = Maximum operating pressure: (see Engineering data table)

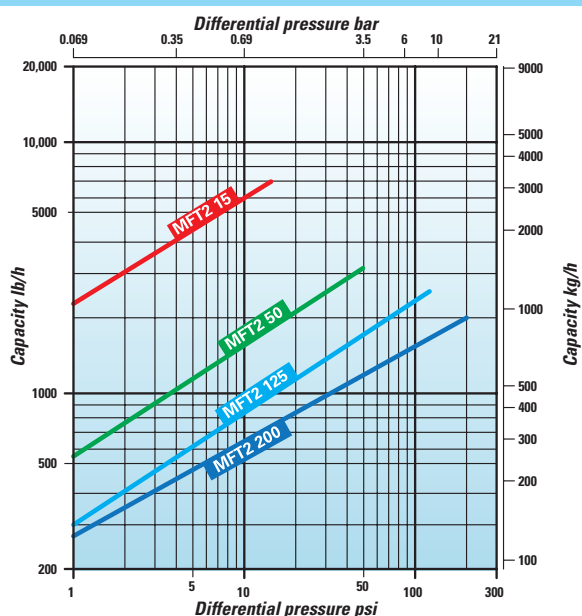
DIMENSIONS AND WEIGHTS



SIZE NPS/DN	A ⁽¹⁾ FACE TO FACE	B ⁽²⁾ CENTER TO CENTER	C ⁽³⁾ CENTER TO FACE	D LENGTH	WEIGHT lb/kg
3/4 1	7 11/16	4 3/4	1 7/16	9 3/8	15
20 25	195	121	37	238	7
1 1/4 1 1/2	8	4 1/2	1 3/4	10 3/8	17
32 40	203	114	44	264	8

(1) Vertical connection. (2) Horizontal connection. (3) Center of vertical outlet to face of horizontal outlet.

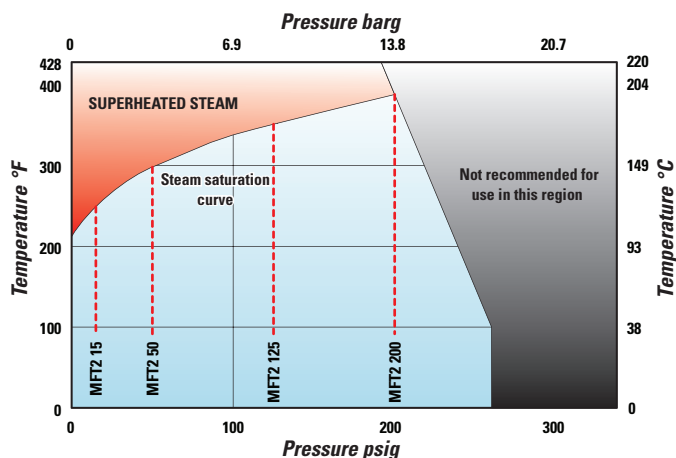
CONDENSATE CAPACITY



Maximum cold water capacity x 3.5

The performance graph indicates the continuous discharge capacities of condensate per hour at various pressure differentials across the trap.

PRESSURE / TEMPERATURE LIMITS



----- Pressure limit for trap type