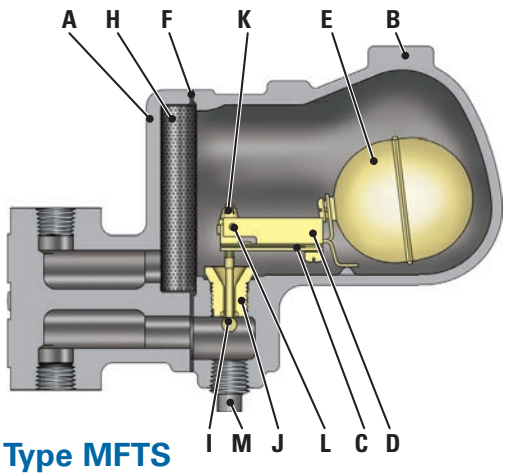
VELAN MONOVALVE FLOAT BIMETALLIC STEAM TRAPS



Type MFTS

STANDARD MATERIALS

PART		MATERIALS
A	Body	Cast steel WCB
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	Chrome moly. alloy B7
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 ½" NPT	Steel
N	Strainer plug ⅛" NPT	Steel

NOTE: Part 'G' & 'N' are not shown for clarity

APPLICATIONS

Boiler headers, steam mains, branch lines, unit heaters, shell and tube heat exchangers, jacketed kettles, rotating dryers, flash tanks and steam separators.

CONNECTIONS

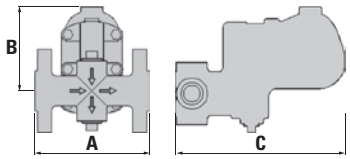
- Screwed
- Socket-weld
- Butt-weld
- Flanged

ENGINEERING DATA

PRESSURE RANGE psig/barg (1)	PMO psig/barg	MATERIAL	MAX TEMP °F/°C	ORIFICE in/mm	MAX CAPACITY lb/hr/kg/hr
0-150 0-10.5	150 10.5	Cast carbon steel WCB	650 343	5/16 8	4,200 1,909
0-230 0-16	230 16			7/32 5.5	1,900 863
0-300 0-21	300 21			7/32 5.5	2,100 955

PMA = Maximum allowable pressure: 320psig@100°F (22bar@38°C)
TMA = Maximum allowable temperature: 650°F (343°C)
Maximum cold hydrostatic test pressure: 600psig (41bar)
TMO = Maximum operating temperature = TMA
PMO = Maximum operating pressure: (see Engineering data table)

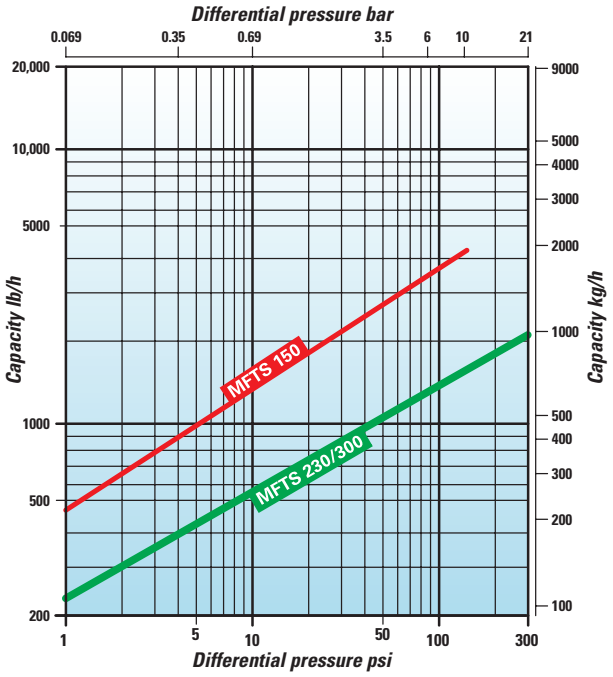
(1) Product will operate throughout entire pressure range, however selection closest to the Maximum operating pressure is recommended for maximum efficiency.



DIMENSIONS AND WEIGHTS

SIZE NPS/DN			A FACE TO FACE SCR/SW	A FACE TO FACE BW	A FACE TO FACE FLG	B CENTER TO TOP	C LENGTH	WEIGHT lb/kg SCR/SW	WEIGHT lb/kg BW	WEIGHT lb/kg FLG
1/2 15	3/4 20	1 25	3 11/16 94	9 11/16 246	6 152	5 1/4 133	9 1/4 235	18 8	20 9	30 14

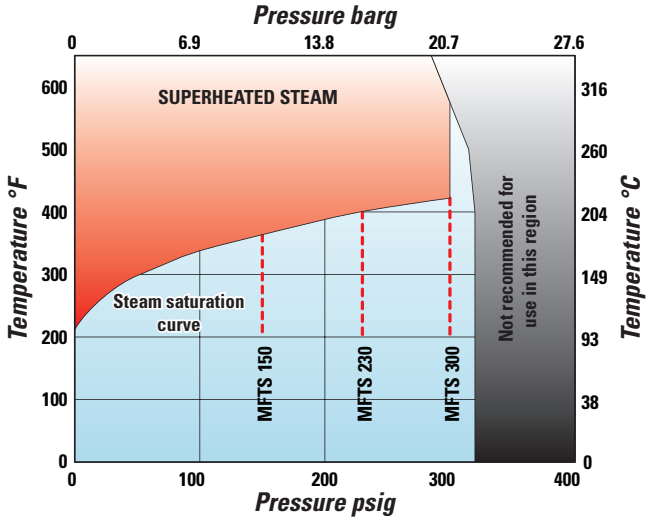
CONDENSATE CAPACITY



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*

