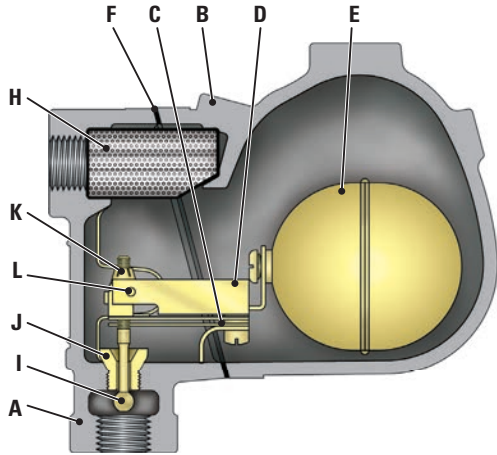


VELAN MONOVALVE FLOAT BIMETALLIC STEAM TRAPS



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 416 hardened
K	Self lock adjusting nut Stainless steel
L	Pivot plug Stainless steel

NOTE: Part 'G' is not shown for clarity

APPLICATIONS

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

CONNECTIONS

- Screwed

Type MFT0

ENGINEERING DATA

PRESSURE RANGE (1) psig/barg	PMO psig/barg	MATERIAL	MAX TEMP °F/°C	ORIFICE in/mm	MAX CAPACITY lb/hr/kg/hr
0-125 0-8.5	125 8.5	Cast iron Gr.250	428 220	7/32 5.5	1,650 750

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

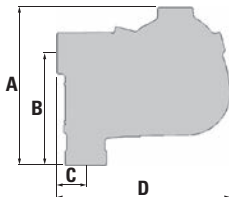
PMA = Maximum allowable pressure: 260psig@100°F (18bar@38°C)

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)

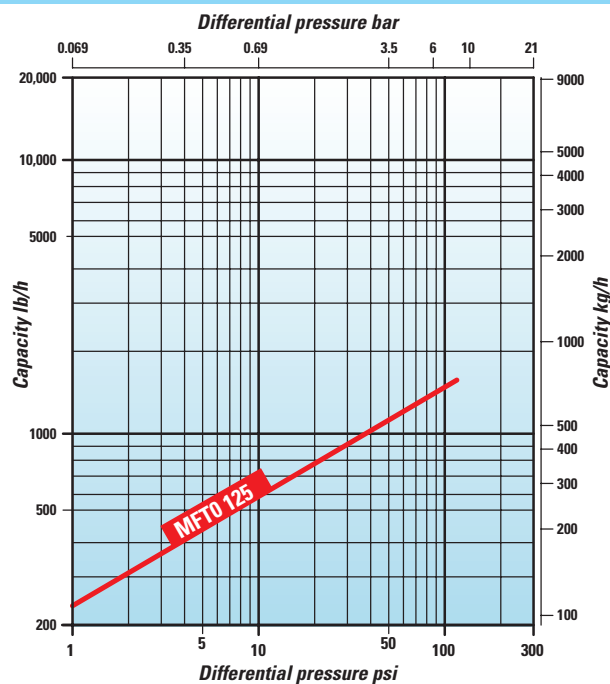


DIMENSIONS AND WEIGHTS

SIZE NPS/DN	A HEIGHT	B(1) CENTER TO FACE	C(2) CENTER TO TOP	D LENGTH	WEIGHT lb/kg
1/2 15	3/4 20	6 1/8 156	4 3/8 111	1 1/8 29	8.75 4

(1) Center of inlet to outlet face (2) Center of outlet to inlet face

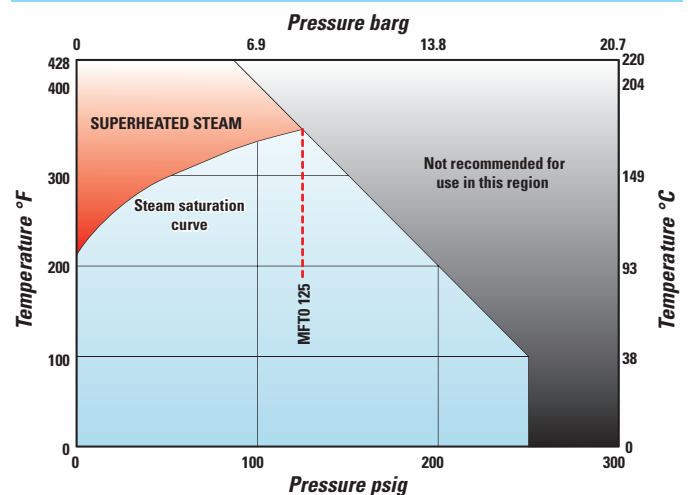
CONDENSATE CAPACITY



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