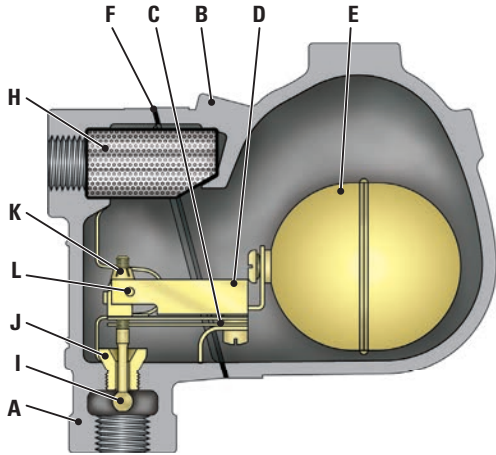


# VELAN MONOVALVE FLOAT BIMETALLIC STEAM TRAPS



## 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.

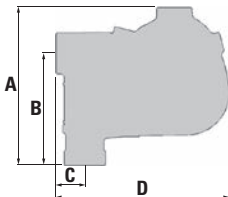
PMA = Maximum allowable pressure: 260psig@100°F (18bar@38°C)

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)

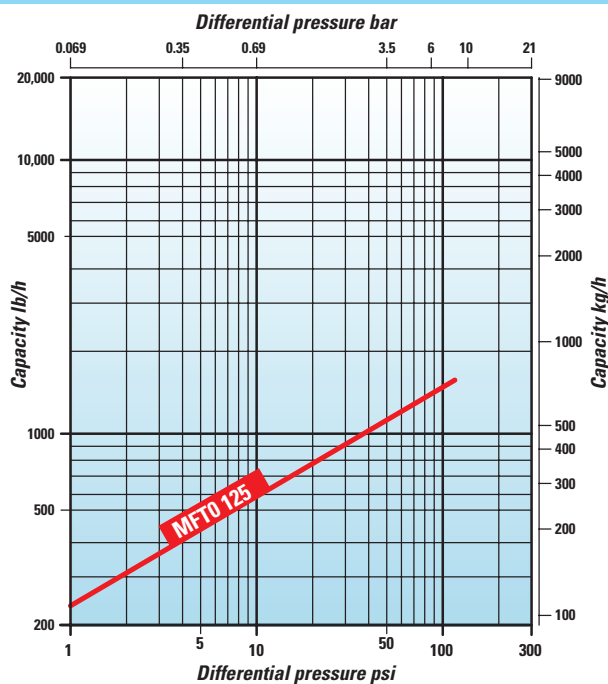


## DIMENSIONS AND WEIGHTS

SIZE NPS/DN	A HEIGHT	B(1) CENTER TO FACE	C(2) CENTER TO TOP	D LENGTH	WEIGHT lb/kg
1/2 15	6 1/8 156	4 3/8 111	1 1/8 29	6 3/4 171	8.75 4

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

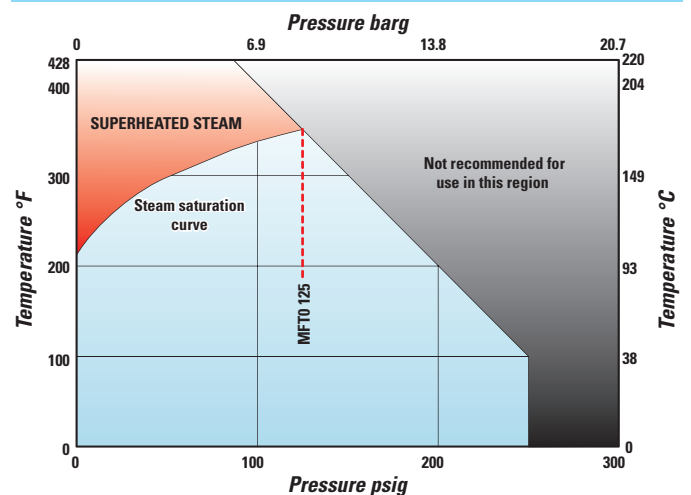
## CONDENSATE CAPACITY



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