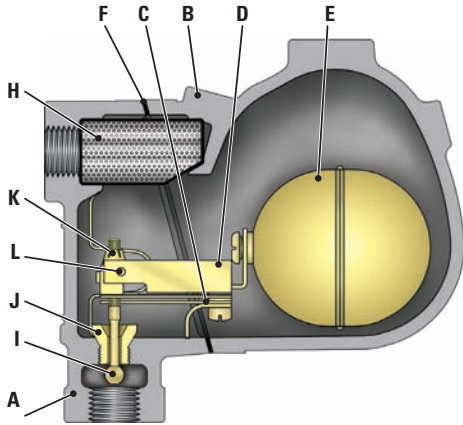


VELAN MONOVALVE FLOAT BIMETALLIC STEAM TRAPS



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 hardfaced with Stellite 6
K	Self lock adjusting nut Stainless steel
L	Pivot plug Stainless steel

NOTE: Part 'G' is not shown for clarity

APPLICATIONS

Where positive drainage is essential and condensate back-up cannot be tolerated.

- Unit heaters,
- Laundry presses,
- Calorifiers,
- Ironers,
- Calenders,
- Drying cylinders and other applications where condensate has to be discharged at near steam temperature.

Type MFT0

ENGINEERING DATA

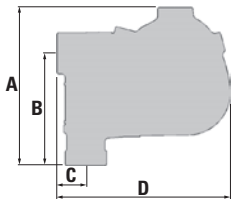
PRESSURE RANGE (1) psi/bar	PMO psi/bar	MATERIAL	MAX TEMP °F/°C	ORIFICE in/mm	MAX CAPACITY lb/hr/kg/hr
0-125 0-8.5	125 8.5	CAST IRON Gr.250	428 220	7/32 5.5	1,650 750

(1) Pressure range indicated in the above table is the preferred operating range, however the trap is functional from 0psi to its maximum operating pressure.

PMA = Maximum allowable pressure: 260psi@100°F (18bar.g@38°C)
 TMA = Maximum allowable temperature: 428°F (220°C)
 Maximum cold hydrostatic test pressure: 400psi.g (27.5bar)
 TMO = Maximum operating temperature = TMA
 PMO = Maximum operating pressure: (See Table)

CONNECTIONS

- Screwed

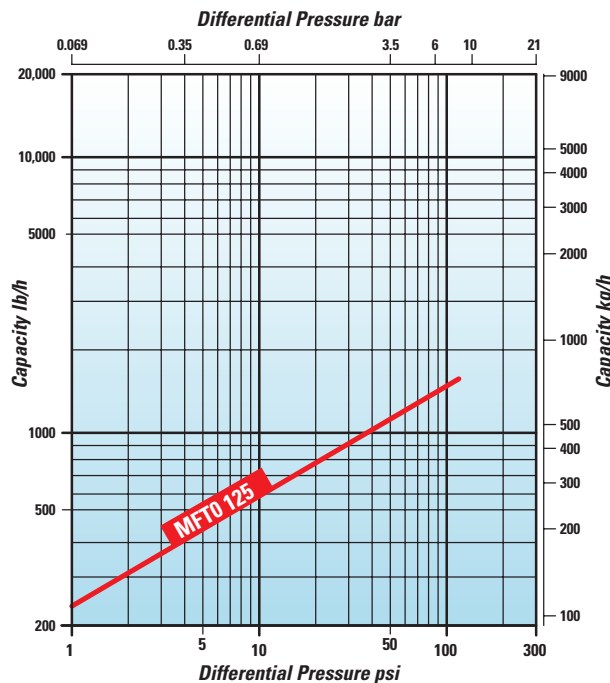


DIMENSIONS & WEIGHTS

SIZE in/mm	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

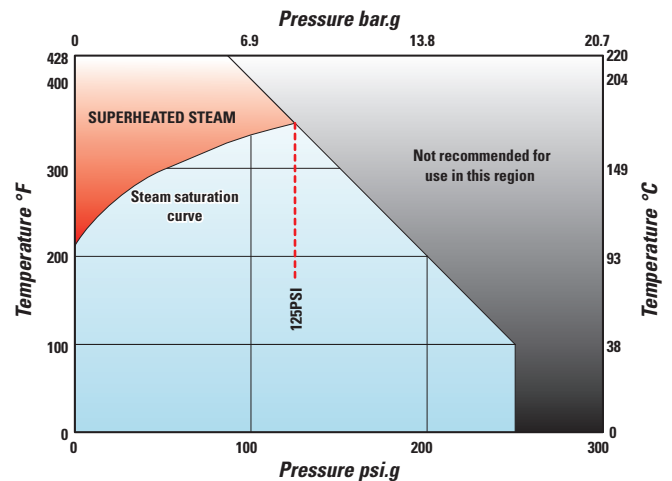
CONDENSATE CAPACITY



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