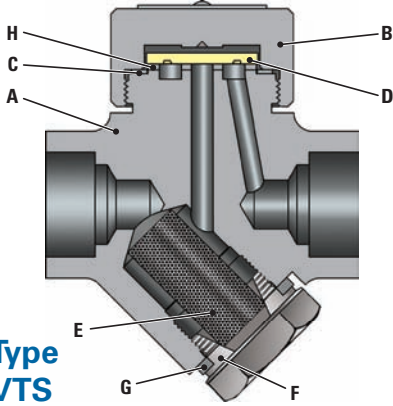


VELAN THERMODYNAMIC STEAM TRAPS



Type VTS

STANDARD MATERIALS

PART	MATERIALS	
A	Body	Forged carbon steel A105 ⁽¹⁾
B	Cover	Same as body material
C	Cover gasket	Monel
D	Floating disc	Stainless steel, hardened
E	Strainer	Stainless steel
F	Strainer cover	Same as body material
G	Strainer cover gasket	Stainless steel
H	Seat	Hardfaced with Stellite 6

(1) Consult works for F11 or F316 material

APPLICATIONS

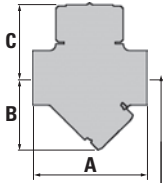
- Multi-platen presses, garment presses
- Rubber and plastic moulding equipment
- Sterilizers and laundry ironers.

ENGINEERING DATA

TYPE	PRESSURE RANGE psi/bar	PMO psi/bar	MAX TEMP °F/°C	MAX CAPACITY lb/hr/kg/hr
VTS	5-600 (0.34-41)	600 (41)	850 ⁽¹⁾ 454	2,060 936

(1) Permissible, but not recommended for prolonged use above 800°F (426°C)

Max body design condition: ANSI/ASME 600
 PMA = Maximum allowable pressure: 1480psi.g@100°F (102bar.g@38°C)
 TMA = Maximum allowable temperature: 800°F (426°C)
 Maximum cold hydrostatic test pressure: 2225psi.g (153.5bar.g)
 TMO = Maximum operating temperature = TMA
 PMO = Maximum operating pressure: (See Table)

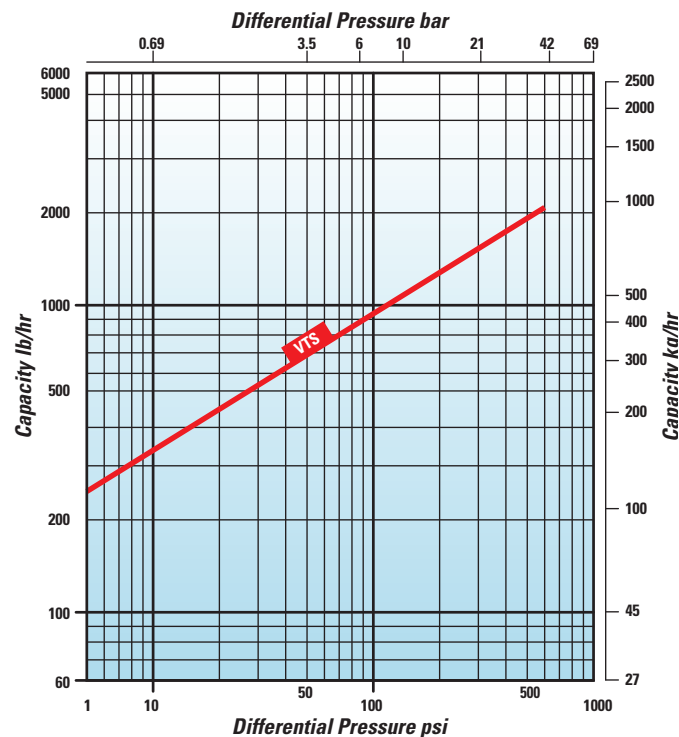


Clearance for Strainer Removal:
VTS 3 in (76 mm) min.

DIMENSIONS & WEIGHTS

SIZE in/mm	A HEIGHT			B CENTER TO BOTTOM	C CENTER TO TOP	WEIGHT lb/kg		
	SCR/ SW	BW	FLG			SCR/ SW	BW	FLG
3/8 10	3 3/16 81	9 3/16 233	6 1/4 159	2 1/8 54	2 1/8 54	2 1	3 1.5	7 3

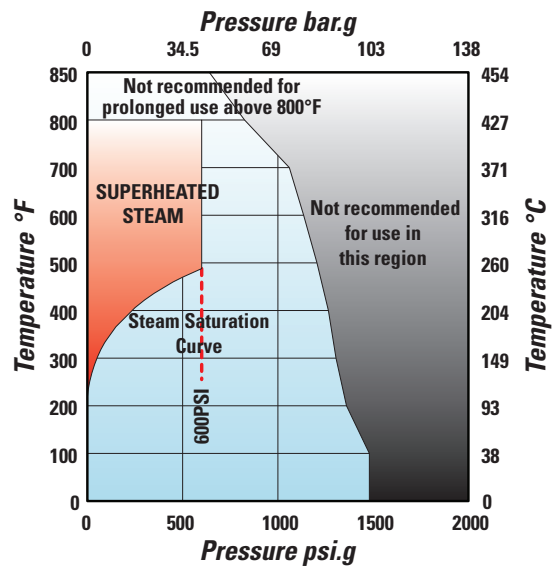
CONDENSATE CAPACITY



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