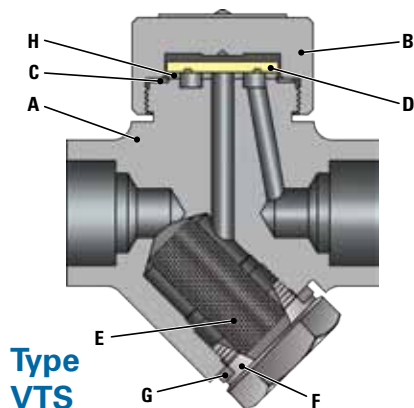


VELAN THERMODYNAMIC STEAM TRAPS



Type
VTS

STANDARD MATERIALS

PART	MATERIALS
A	Body
B	Cover
C	Cover gasket
D	Floating disc
E	Strainer
F	Strainer cover
G	Strainer cover gasket
H	Seat

(1) Consult works for F11 or F316 material

APPLICATIONS

Boiler headers, steam mains, branch lines, tracer lines, sterilizers, multi-platen presses, laundry ironers, rubber and plastic moulding equipment.

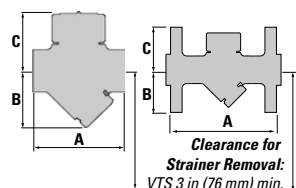
ENGINEERING DATA

PRESSURE RANGE psi.g/bar.g	PMO psi.g/bar.g	MAX TEMP °F/°C	MAX CAPACITY lb/hr/kg/hr
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)

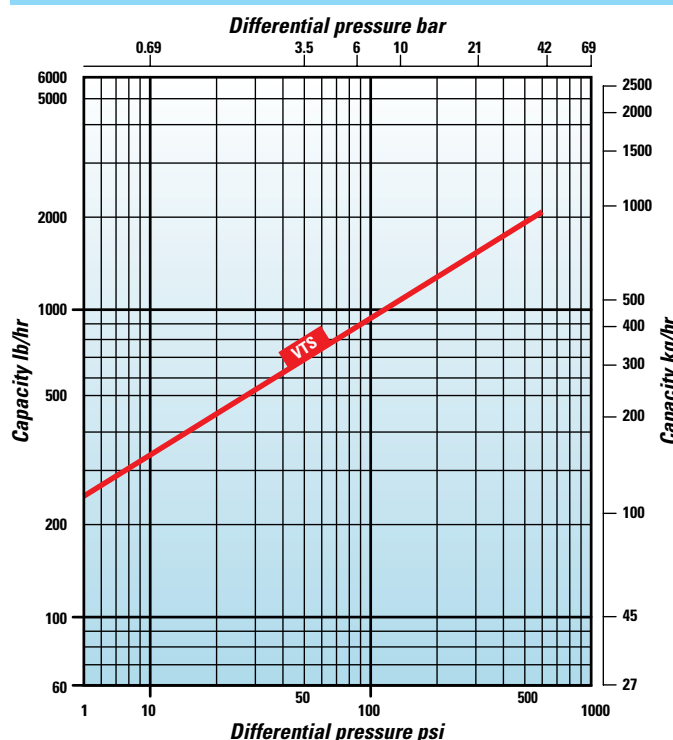
Max body design condition: ANSI/ASME 600
 PMA = Maximum allowable pressure: 1480psi.g@100°F (102bar.g@38°C)
 TMA = Maximum allowable temperature: 800°F (426°C)
 Maximum cold hydrostatic test pressure: 2225psi.g (153.5bar.g)
 TMO = Maximum operating temperature = TMA
 PMO = Maximum operating pressure: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

DIMENSIONS AND WEIGHTS



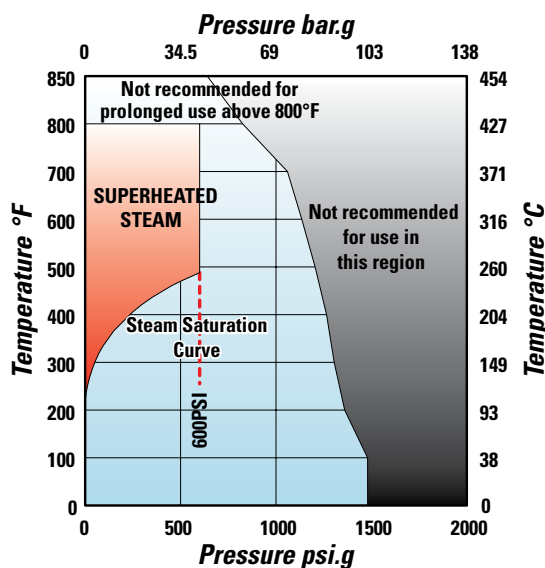
SIZE NPS/DN			A HEIGHT			B CENTER TO BOTTOM	C CENTER TO TOP	WEIGHT lb/kg		
			SCR/ SW	BW	FLG			SCR/ SW	BW	FLG
3/8	1/2	3/4	3 3/16	9 3/16	6 1/4	2 1/8	2 1/8	2	3	7
10	15	20	81	233	159	54	54	1	1.5	3

CONDENSATE CAPACITY



The performance graph indicates the continuous discharge capacities of condensate per hour at various pressure differentials across the trap.

PRESSURE / TEMPERATURE LIMITS



Maximum cold water capacity x 3.5

----- Pressure limit for trap type