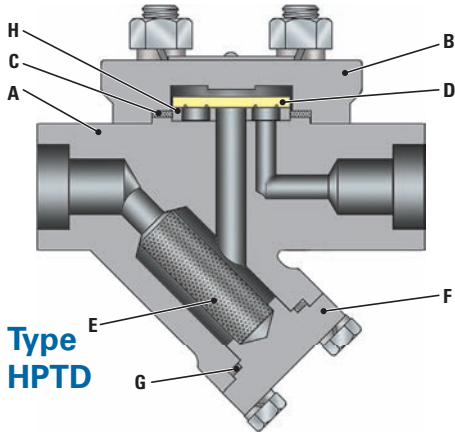


VELAN THERMODYNAMIC STEAM TRAPS



Type HPTD

STANDARD MATERIALS

PART	MATERIALS
A	Body Forged carbon steel A105 (C.Max. 0.25)
B	Cover Same as body material
C	Cover gasket SS with graphite filler
D	Floating disc Stainless steel, hardened
E	Strainer Stainless steel
F	Strainer cover Same as body material
G	Strainer cover gasket Stainless steel spiral wound with non-asbestos filler
H	Seat Hardfaced with Stellite 6

APPLICATIONS

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

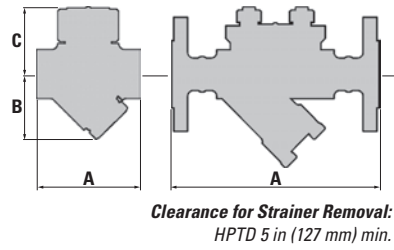
CONNECTIONS:

- Screwed
- Socketweld
- Butt weld
- Flanged

ENGINEERING DATA

PRESSURE RANGE psi/bar	PMO psi/bar	MATERIAL	MAX TEMP °F/°C	MAX CAPACITY lb/hr/kg/hr
5-1000 (0.34-69)	1000 (69)	A105	800 426	5,500 2,500

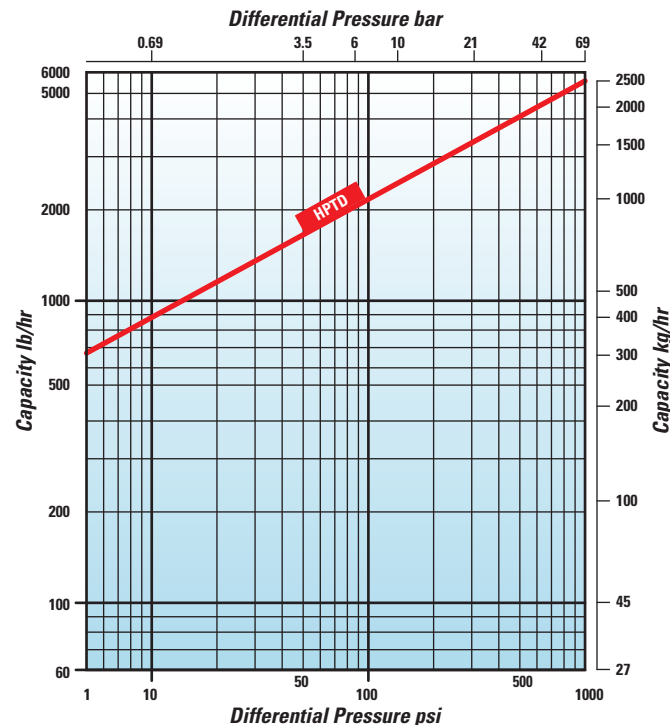
Max body design condition: ANSI/ASME 900
 PMA = Maximum allowable pressure: 2220psi.g@100°F (153bar.g@38°C)
 TMA = Maximum allowable temperature: 800°F (427°C)
 Maximum cold hydrostatic test pressure: 3350psi.g (230bar.g)
 TMO = Maximum operating temperature = TMA
 PMO = Maximum operating pressure: (See Table)



DIMENSIONS & WEIGHTS

SIZE in/mm	A FACE TO FACE			B CENTER TO BOTTOM	C CENTER TO TOP	WEIGHT lb/kg				
	SCR/SW	BW	FLG			SCR/SW	BW	FLG		
1/2 15	3/4 20	1 25	6 1/8 155	12 1/8 308	10 1/8 257	4 102	2 7/8 73	18 8	20 9	26 12

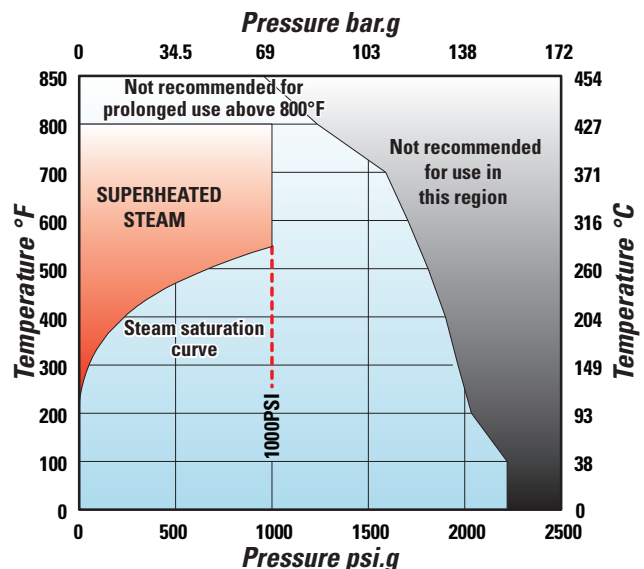
CONDENSATE CAPACITY



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