

PT63

FLOAT & THERMOSTATIC STEAM TRAPS



DESCRIPTION:

PT63 float and thermostatic (internal air vent) steam traps are designed for draining condensate from building heating installations. They can also be used in low pressure industrial installations.

FEATURES:

The "H" pattern offers users multiple fitment options. Modulating discharge of hot condensate at close to saturation temperature. Good air venting facilitates a fast start-up.

USE:

Saturated and superheated steam

SIZES: NPS 3/4, 1, 1 1/4, 1 1/2, 2

CONNECTIONS: Screwed (NPT/BSPT/BSP)

LIMITING CONDITIONS:

PMA: Max. allowable pressure	250 psig
TMA: Max. allowable temperature	425 °F
PMO: Max. operating pressure	125 psig
TMO: Max. operating temperature	425 °F
Cold hydro test pressure	375 psig

INSTALLATION:

It is important to install the trap with the arrow on the label pointing straight up so that the connecting pipes are horizontal.

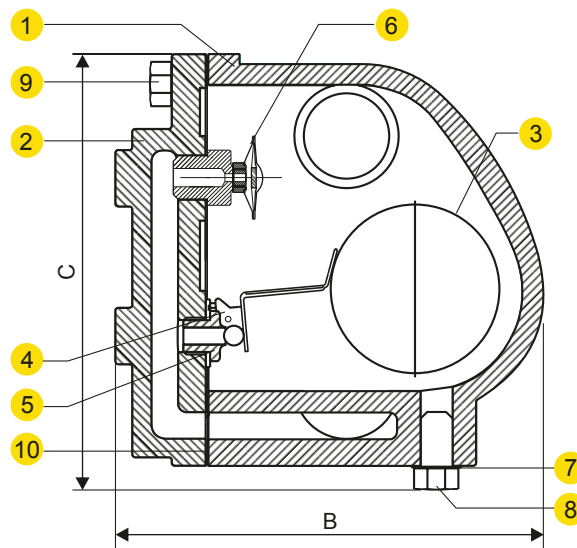
Inlet and outlet connections are marked on the housing. Select connections suitable to the piping installation and plug the others. For effective condensate removal, the trap should be fitted below the drain point of the system being drained.

TRAP DISCHARGE CAPACITY IN lbs/hr

MODEL	TRAP SIZE	DIFFERENTIAL PRESSURE (psi)																
		1/4	1/2	1	2	5	10	15	20	25	30	40	50	60	75	90	100	125
PT63-15	¾", 1"	385	490	670	905	1075	1450	1650	-	-	-	-	-	-	-	-	-	-
PT63-15	1¼"	430	570	770	1025	1880	2780	3005	-	-	-	-	-	-	-	-	-	-
PT63-15	1½", 2"	2275	2775	3625	4625	6900	9050	10875	-	-	-	-	-	-	-	-	-	-
PT63-30	¾", 1"	265	330	465	625	900	1050	1235	1425	1540	1650	-	-	-	-	-	-	-
PT63-30	1¼"	385	490	670	905	1075	1450	1650	1850	2350	2700	-	-	-	-	-	-	-
PT63-30	1½", 2"	1300	1780	2550	3400	5180	6815	7800	8550	9270	9990	-	-	-	-	-	-	-
PT63-75	¾", 1"	240	300	420	505	630	725	820	905	980	1020	1190	1345	1480	1645	-	-	-
PT63-75	1¼"	295	375	510	685	1010	1310	1450	1565	1620	1675	1950	2205	2290	2500	-	-	-
PT63-75	1½", 2"	535	720	970	1300	1910	2660	3050	3400	3700	4000	4390	4750	5085	5420	-	-	-
PT63-125	¾", 1"	225	285	350	385	455	500	535	600	650	720	850	1010	1100	1275	1400	1505	1640
PT63-125	1¼"	265	330	465	625	900	1050	1235	1425	1540	1650	1900	2115	2175	2385	2470	2680	2830
PT63-125	1½", 2"	380	510	675	880	1310	1700	2065	2315	2515	2710	3035	3225	3505	3790	3965	4200	4480

MATERIAL:

NO.	PART	MATERIAL	QTY.
1.	BODY	CAST IRON	01
2.	COVER	CAST IRON	01
3.	BALL FLOAT & LEVER ASSY.	AISI 304	01
4.	BRACKET	AISI 304	01
5.	VALVE SEAT	AISI 410/420	01
6.	AIR VENT	STAINLESS STEEL	01
7.	GASKET	COPPER	01
8.	DRAIN PLUG	CARBON STEEL	01
9.	BOLT	HIGH TENSILE	06
10.	GASKET	GRAPHITE WITH SS REINFORCEMENT	01



DIMENSIONS: Nominal in inches

SIZE	A	B	C	D	E
¾", 1", 1¼"	5.75	6.0	6.0	3.38	1.13
1½", 2"	7.5	8.0	8.25	4.00	2.55

WEIGHTS: (approx.)

SIZE	SCR / SW
¾", 1"	12.2 lbs
1¼"	13.2 lbs
1½", 2"	24.2 lbs

AVAILABLE SPARES:

Valve Seat, Ball Float & Lever Assly.,
Air Vent Assly., Gaskets

ORDERING INFORMATION:

Refer 'How to Order' page.

