

# STEAMLOK ENGINEERING

[ SLCRPT - 75 ]

Eco - Pump Trap



Steamlok



## SLCRPT-75 is an uniquely designed Condensate Recovery Pumping Trap

with ball float steam trap in Carbon steel construction. The ball float steam trap operates normally till positive differential pressure is maintained across the trap. Pump comes in action when the back pressure is more than or equal to the condensate inlet pressure which is called a stall condition. The main application of SLCRPT-75 is at Heat Exchangers, Radiators and Turbines.

### SIZE

40 NB, 50 NB

### PIPE CONNECTIONS

Flanged : ASA 150

### UNIQUE FEATURES

- Pumping body in carbon steel construction.
- Elegant and compact design.
- Sight glass as standard feature for visual control.
- Enhanced discharge capacity.
- Corrosion resistant SS internals.
- No rotating parts, hence no wear and tear.

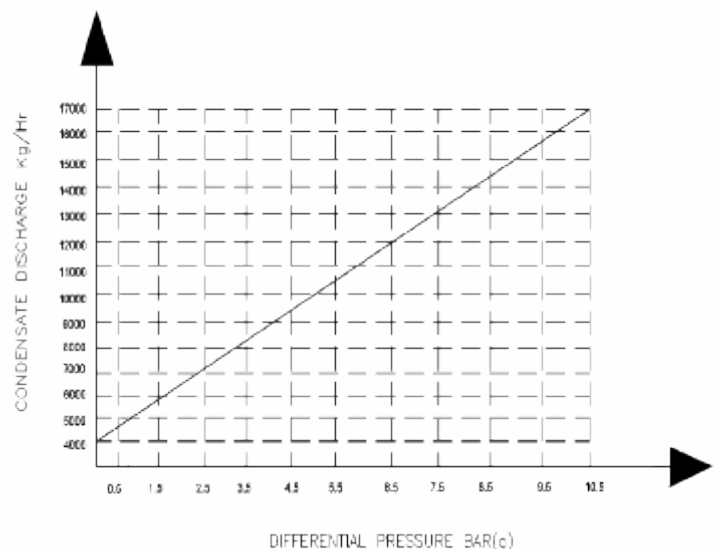
### CERTIFICATION

En 10204 - 3.1

### DESIGN CONDITIONS

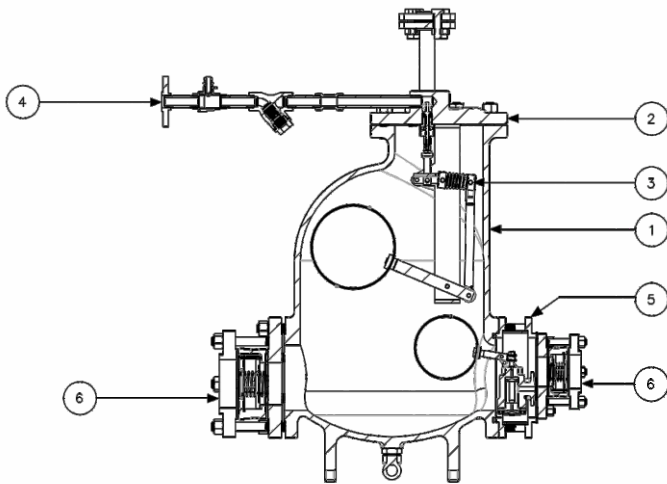
- Max. Allowable Pressure(PMA)-16 Bar(g) @ 120°C
- Max. Allowable Temperature (TMA)-350°C @ 8.8 Bar(g)
- Max. Operating Pressure(PMO)-10 Bar(g)

### DISCHARGE CAPACITY CHART



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## CONSTRUCTION



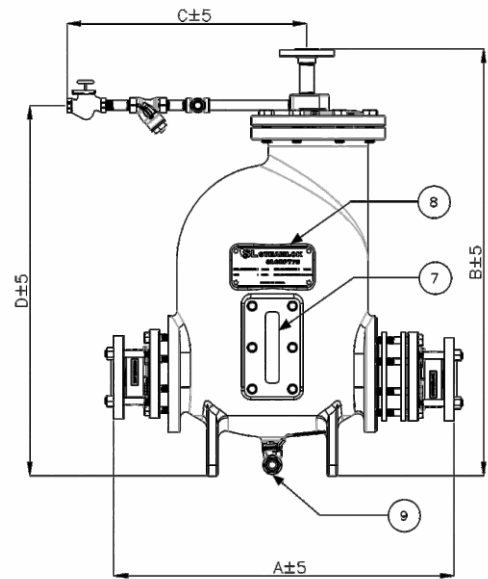
## PART LIST

No.	PART NAME	MATERIAL	Qty.
1	BODY	Carbon Steel	1
2	COVER	Carbon Steel	1
3	MECHANISM ASSEMBLY	AISI 304	1
4	MOTIVE LINE ASSEMBLY	CARBON STEEL	1
5	TRAP ASSEMBLY	CARBON STEEL	1
6	DISC CHECK VALVE	AISI 316	2
7	SIGHT GLASS	BOROSILICATE	1
8	NAME PLATE	AISI 304	1
9	DRAIN VALVE	AISI 304	1

## HOW TO ORDER

Ex. SLCRPT-75 - 40NB  
Eco-Pump Trap in Carbon Steel,  
40NB, Flange to ASA 150, Non IBR.

## DIMENSIONS



## DIMENSION TABLE

SR. NO.	Size	A	B	C	D
01	40 NB	635	845	460	735
02	50 NB	655	845	460	735

## SPARE PARTS

- Float for trap assembly
- Float trap valve assembly
- Inlet valve assembly
- Exhaust valve assembly

## INSTALLATION

- Flush the line & open bottom drain valve to drain the debris
- Connect the motive line with steam or air
- Open inlet isolation valve for condensate
- Level of condensate in the body will be visible from sight glass
- Ensure that the outlet line is having minimum bends



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