

[SLCRP - 75] Condensate Recovery Pump



**SLCRP-75 is an Uniquely Designed
Condensate Recovery Pump in Carbon Steel Construction
with SS Mechanism and Sight Glass**

SIZE

25NB, 40NB, 50NB, 80NB

PIPE CONNECTIONS

Flanged : #150, PN10

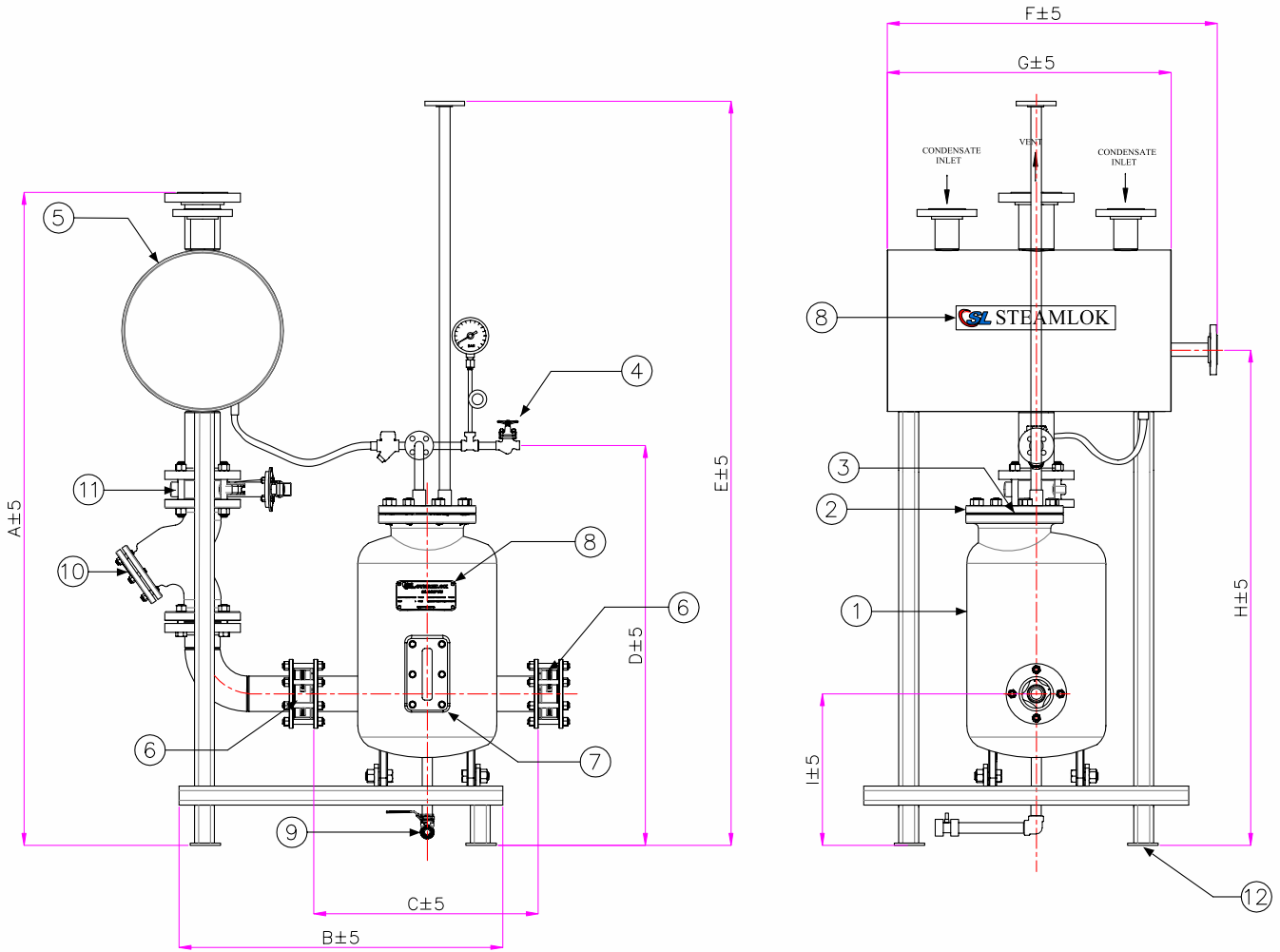
DESIGN CONDITIONS

- 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)

UNIQUE FEATURES

- Sight glass as standard feature
- Pumping body in carbon steel
- Corrosion resistant SS internals
- Cavitation free, inexpensive air / steam to pump condensate
- No rotating parts, hence no wear and tear
- Robust and compact design

DIMENSIONS



DIMENSION TABLE

SIZE	A	B	C	D	E	F	G	H	I
25NB	1775	800	550	1000	1850	775	655	1470	380
40NB	1775	800	570	1000	1850	775	655	1470	390
50NB	1775	800	580	1000	1850	775	655	1470	390
80NB	1875	800	610	1000	1850	775	655	1570	400

DISCHARGE CAPACITY CHART

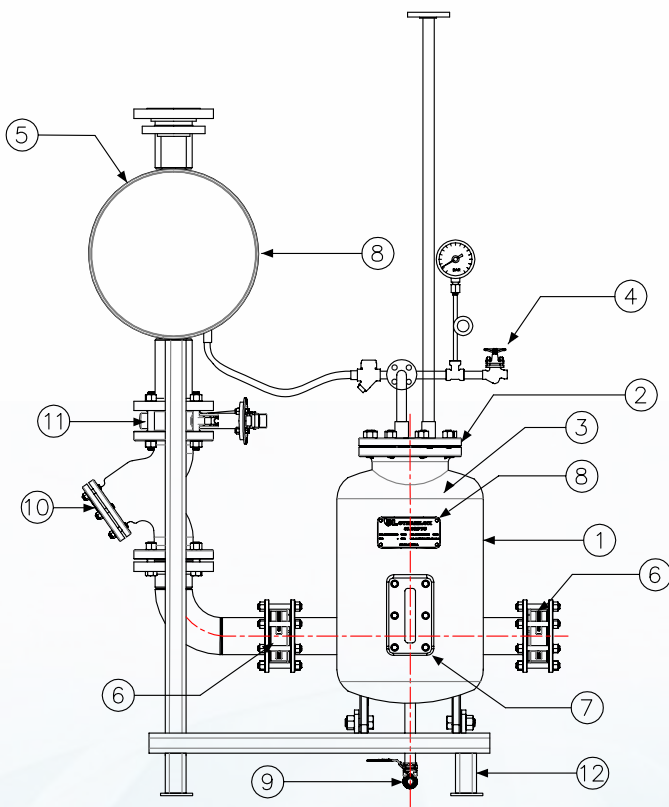
MOTIVE INLET PRESSURE BAR(g)	BACK PRESSURE BAR(g)	DISCHARGE CAPACITY (Kg/Hr)			
		PUMP SIZE			
		25NB (1")	40NB (1 1/2")	50NB (2")	80NB (3")
8.5	1	1260	2200	3480	5620
8.5	2	1170	2109	3070	5290
8.5	3	1125	1830	2860	5010
7.5	1	1240	3270	3350	5500
7.5	2	1150	2038	3050	4890
7.5	3	1080	1760	2450	4610
5.5	1	1172	1970	3090	5250
5.5	2	1122	1680	2730	4950
5.5	3	1025	1515	2360	4500
3.5	0.5	1105	1850	3000	5030
3.5	1	1066	1610	2690	4480
3.5	2	950	1430	2230	3780



INSTALLATION

- Flush the line and open the bottom drain valve to drain the debris.
- Connect the motive connection with air or steam supply.
- Ensure that the vent connection of the receiver is open to the atmosphere.
- Open the isolation (Butterfly) valve slowly.
- As soon as the valve is opened the condensate will be viewed in Steamlok SLCRP75 pump through sight glass.
- The condensate pump will pump the condensate to the feed water tank in normal positive condition.
- Ensure that the outlet of pump to be with minimum bend or curves .

CONSTRUCTION



PART LIST

SR.NO.	PART NAME	MATERIAL	QTY.
01	PUMP SHELL	CARBON STEEL	01
02	COVER	CARBON STEEL	01
03	MECHANISM ASSEMBLY	AISI 304	01
04	MOTIVE LINE ASSEMBLY	CARBON STEEL	01
05	RECEIVER SHELL	CARBON STEEL	01
06	DISC CHECK VALVE	CF8M	02
07	SIGHT GLASS ASSM.	BOROSILICATE	01
08	NAME PLATE	AISI 304	02
09	DRAIN VALVE	AISI 304	01
10	STRAINER	WCB/CI	01
11	BUTTERFLY VALVE	WCB/CI	01
12	BASE FRAME	CARBON STEEL	01

SPARE PARTS

- MECHANISM ASSEMBLY
- INLET VALVE ASSEMBLY
- EXHAUST VALVE
- ASSEMBLY SPRING

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CONDENSATE RECOVERY PUMP

STEAMLOK RECENT SURVEYS & IMPLEMENTATIONS AT

CRODA

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Malaysia Sdn Bhd
Member Reliance Group



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