

Vented Condensate Pump Package

(Steam Pressure-Powered)

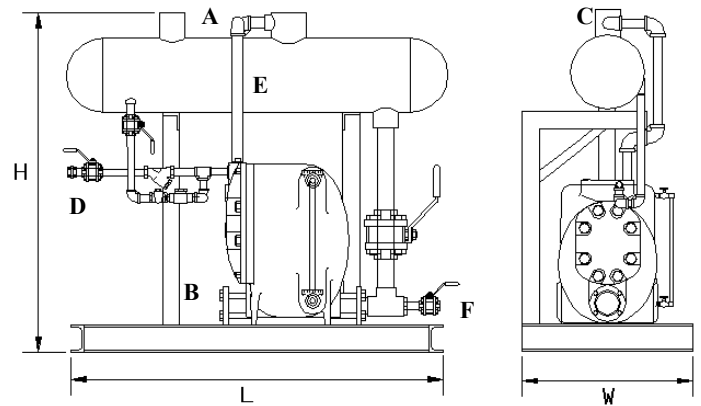
The Model **VCP-1.5**, Vented Condensate Pump Package is a manufactured, ready-to-install system featuring a Steam-Powered Condensate Pump. Designed for efficient pumping of condensate, **VCP-1.5** utilizes steam power in lieu of electric motors, eliminating the need for wiring motors, starters, and controls. The steam-powered package is capable of operation in flammable environments. Operating by steam pressure versus electric power, reduces pumping costs. The pump employs a float operated snap-acting mechanism with no external seals or packing, which eliminates seal maintenance, which is required on conventional pumps. All internal pump components and mechanism are constructed of Stainless Steel.

MODEL VCP-1.5 CAPACITIES

Steam Pressure (psig)	Discharge Head (psig)	Flow Rate (lbs. / hr.)
125	15	5,100
125	40	4,500
125	60	4,050
125	80	3,100
125	100	2,650
125	115	1,900
100	15	4,950
100	40	4,000
100	60	3,250
100	80	2,500
75	15	4,800
75	40	3,300
75	60	2,450
50	10	4,400
50	25	3,350
50	40	2,100
25	5	4,000
25	10	3,800
25	15	3,300
10	2	3,000
10	5	2,600
5	2	2,400

CONDITIONS OF OPERATION

Max. Allowable Pressure / Temperature:	125 psig / 450 °F
Discharge rate per cycle:	4 gal.
Max. instantaneous discharge rate:	30 gpm
Steam Consumption:	3 lbs. per 1000 lbs. of liquid pumped
Compressed Air Consumption:	100 SCF per 1000 lbs. of liquid pumped



Legend:

Approximate Dimensions: 40"H x 40"L x 24"W

- A. Condensate Inlet 2" NPT
- B. Condensate Discharge 1 1/2" NPT
- C. Vent 3" NPT
- D. Steam Inlet 1/2" NPT
- E. Receiver Tank 8"x36"
- F. Drain 1/2" NPT

STANDARD CONSTRUCTION

- Fabricated Angle Iron Frame
- Fabricated Steel Tank
- Bronze Ball Valves
- Stainless Steel Thermodynamic Steam Trap
- Cast Iron Pump with Gauge Glass, and Stainless Steel internal components and Check Valves
- Hydrostatically Tested
- High Temperature Industrial Enamel Paint

PACKAGE OPTIONS

- Additional / Oversized Condensate Inlet connection(s)
- Oversized Condensate Receiver
- Oversized Atmospheric Vent(s)
- Carbon Steel 3- piece Ball Valves
- Overflow Connection
- Forged Steel Gate Valves
- Digital Cycle Counter to monitor pumping cycles
- Low-profile design for height restricted applications
- All Welded piping
- Fabricated Square Tubing Frame

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