



Exhaust outlet: 2" NPT
Motive inlet: 2" NPT

Dimensions—Inches (mm)

See Capacities on page 91

Connections:
4" x 4" Flanged

Canadian Registration # 1350.9

CONDENSATE COMMANDER BIG BOY PUMP

SPECIFICATION

Pump shall be a pressure vessel drainer operated by steam, compressed air or other pressurized gas to 150 psig. Body shall be fabricated steel ASME code to 150 psi. Mechanism shall employ one spring operating in continuous compression. Springs shall be warranted for the life of the unit. When required, unit shall be equipped with an external cycle counter and sight glass.

MAXIMUM OPERATING CONDITIONS

PMO:	
Max. Operating Pressure	150 psig (10.3 barg)
TMO:	
Max. Operating Temperature	400°F (204°C)
PMA:	
Max. Allowable Pressure	150 psig (10.3 barg)
TMA:	
Max. Allowable Temperature	400°F (204°C)

MATERIALS OF CONSTRUCTION

Tank Weldment	Steel
Trip Mechanism w/Flange	Stl/SS
Gasket	Non-asbestos
Stud, Flange	Steel
Nut, Hex	Steel
Nameplate	Aluminum
Drive Screw	Steel
Pipe Plug, 3/4" NPT	Steel
Water Level Gage	Bronze
Inlet Check Valve	Bronze/Stainless Steel
Inlet Flange	Steel
Outlet Check Valve	Bronze/Stainless Steel
Outlet Flange	Steel

OPERATING CHARACTERISTICS

Pump Discharge per Cycle:	140 - 185 Gal
Max. Instantaneous Discharge Rate:	195 GPM
Steam Consumption:	~3 lbs per 1000 lbs. of liquid pumped
Air Consumption:	~100 SCF per 1000 lbs. of liquid pumped
Recommended Filling Head:	24"

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OPTIONS

- High Back Pressure for back pressures above 60 psi