

# Stand-Alone Pumps

## CARBON STEEL HIGH-CAPACITY TANK

**PMPBP**  
Pressure Motive Pump

Condensate  
Pumps

Model	<b>PMPBP</b>
Body	<b>Carbon Steel</b>
Cover	<b>Carbon Steel</b>
Check Valves	<b>Stainless Steel &amp; Steel</b>
PMO Max. Operating Pressure	<b>150 PSIG</b>
TMO Max. Operating Temperature	<b>366°F</b>
PMA Max. Allowable Pressure	<b>150 PSIG @ 470°F</b>



### Typical Applications

The **PMPBP** model non-electric **Carbon Steel** pressure motive pump is extremely high-capacity for applications requiring large transfer of condensate or other liquids. This stand-alone pump is capable of operating with a maximum motive pressure of 150 PSIG provided by steam, air, nitrogen or other pressurized gases as the motive force. ASME "U" Code Stamp available upon request.

### Features

- All stainless steel internals for ultimate corrosion resistance
- Operates using steam, air, nitrogen or other pressurized gas as the motive force
- **Non-Electric** – can be used in remote locations or NEMA 4, 7, 9 and hazardous areas

### Options

- Cycle counter for measuring the amount of condensate flow through the pump.
- Insulation jackets are available to stop heat losses through the pump body.
- Sight glass for monitoring liquid level inside pump body.

### MATERIALS

Body & Cover	<b>Carbon Steel</b>
Cover Gasket	Non-Asbestos
Cover Bolts	Steel
Inlet Valve	Stainless Steel
Vent Valve	Stainless Steel
Mechanism Yoke	304 Stainless Steel
Ball Float	304 Stainless Steel
Check Valves	Stainless Steel & Steel
Springs	Stainless Steel
Other Internal Components	Stainless Steel

Size (Inlet x Outlet)	Connection	Model Code	PMO PSI	Weight (lbs)
<b>4" x 4"</b>	<b>150#FLG</b>	<b>PMPBP-4X4-F150-SS</b>	150	1050

The PMPBP Stand Alone Pump consists of pump tank, internal mechanism, and inlet and outlet check valves.

