

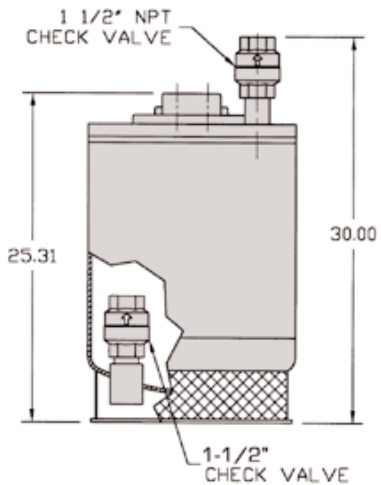
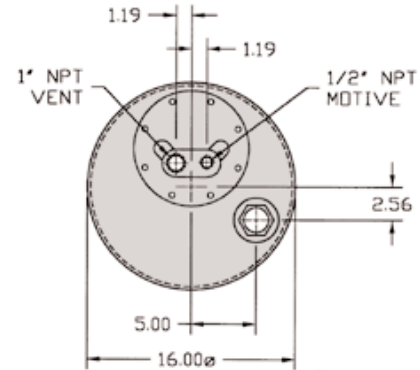
NON-ELECTRIC CONDENSATE PUMPS

PMPSP

Pressure Motive Pump

Watson McDaniel reserves the right to change the designs and/or materials of its products without notice.
©2002 Watson McDaniel Company

Revised 7/2002



Model	PMPSP
Body	Carbon Steel
Cover	Ductile Iron
Check Valves	Stainless Steel
PMO Max. Operating Pressure	150 PSIG
TMO Max. Operating Temperature	366°F
PMA Max. Allowable Pressure	150 PSIG @ 470°F

TYPICAL APPLICATIONS

The **PMPSP** Sump Drainer uses the identical internal mechanism as the standard PMP models. The piping configuration is such that the liquid is discharged vertical upwards as opposed to horizontally out the side. This allows the unit to be easily positioned inside of a sump area. Condensate or water from the sump enters the tank through a swing type check valve.

FEATURES

- **Non-Electric** – can be used in remote locations or **NEMA 4, 7, 9 & hazardous areas**
- Operate using steam, air, nitrogen or other pressurized gases as the motive force
- All stainless steel internal mechanism for better corrosion resistance
- Wear items on mechanism made from heat-treated stainless steel
- Dual compression springs made from Inconel-X-750 for high-temperature corrosive service.

CAPACITIES – Water (gpm)						
Motive Pressure (PSIG)	Back Pressure (PSIG)					
	0	10	20	40	70	100
10	11.7					
20	12.5	9.2				
40	13.1	10.4	8.7	6.8		
70	12.9	11.0	9.4	7.1		
100	12.3	10.6	9.4	7.5	5.4	
125	11.6	10.1	9.0	7.5	5.6	4.3
150	10.7	9.5	8.8	7.2	5.7	4.5

1 gpm = approx. 480 lbs/hr

