Model	PMPNT	PMPNTS
Body	<b>Ductile Iron</b>	Stainless Steel
Cover	Stainless Steel	Stainless Steel
Sizes	1", 1 <sup>1</sup> /2" NPT	11/2" FLG or NPT
Check Valves	Stainless Steel	Stainless Steel
PMO Max. Operating Pressure	125 PSIG	125 PSIG
TMO Max. Operating Temperature	366°F	366°F
PMA Max. Allowable Pressure	150 PSIG @ 450°F	150 PSIG @ 450°F

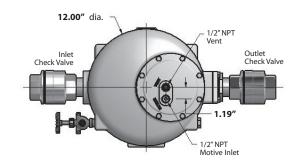


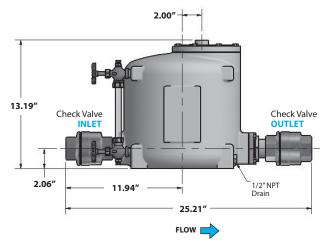
## **Typical Applications**

The **PMPNT(S)** non-electric pressure motive pumps are light in weight and have an extremely low-profile. This stand-alone pump is capable of operating with a maximum motive pressure of 125 PSIG provided by steam, air or other gas supply. ASME Code Stamp available upon request.

## **Features**

- Equipped with our proven, Patented "Snap-Assure" mechanism which extends the useful life of the pump
- Internal mechanism can be removed from the top of the pump while pump remains piped in line
- Mechanism incorporates heat-treated stainless steel wear items for ultimate corrosion resistance
- Dual compression springs made from Inconel-X-750 for high-temperature, corrosive service
- Non-Electric can be used in remote locations or NEMA 4, 7, 9 and hazardous areas
- Operates using steam, air, nitrogen or other pressurized gas as the motive force





MATERIALS	
Body PMPNT	Ductile Iron SA-395
Body PMPNTS	Stainless Steel CF3M
Cover	Stainless Steel CF8
Cover Gasket	Garlock
Cover Bolts	Steel
Inlet Valve	Hardened Stainless Steel 40 Rc
Vent Valve	Hardened Stainless Steel 40 Rc
Ball Float	300 Stainless Steel
Check Valves	Stainless Steel 316SS CF3
Springs	Inconel-X-750
Other Internal Components	Stainless Steel

Size	Model Code	PMO <b>PSI</b>	Weight <b>lbs</b>			
Ductile Iron Pump Body (NPT)						
1" x 1"	PMPNT-1X1-N-SS	125	85			
1 <sup>1</sup> /2" x 1 <sup>1</sup> /2"	PMPNT-1.5X1.5-N-SS	125	95			
Stainless Steel Pump Body (NPT or 150# FLG)						
1 <sup>1</sup> /2" x 1 <sup>1</sup> /2"	PMPNTS-1.5X1.5-N-SS	125	95			
11/2" x 11/2"	PMPNTS-1.5X1.5-F150-SS	125	98			

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

CAPACI	CAPACITIES – Condensate (lbs/hr)					
Motive Back	6" Filling Head					
Pressure (PSIG)	Pressure (PSIG)	Steam Motive 1" x 1"	Steam Motive 11/2" X 11/2"			
5	2	1225	2131			
10	5	1204	2093			
10	2	1391	2419			
25	15	1171	2037			
25	5	1458	2535			
50	40	987	1716			
50	10	1491	2593			
75	60	992	1726			
75	40	1262	2195			
75	15	1505	2617			
100	80	995	1731			
100	60	1209	2102			
100	15	1545	2687			
125	100	997	1734			
125	80	1174	2042			
125	60	1316	2288			
125	15	1570	2731			

Note: Multiply Capacity by 1.16 for 12" Fill Head. Multiply Capacity by 1.28 for 18" Fill Head.