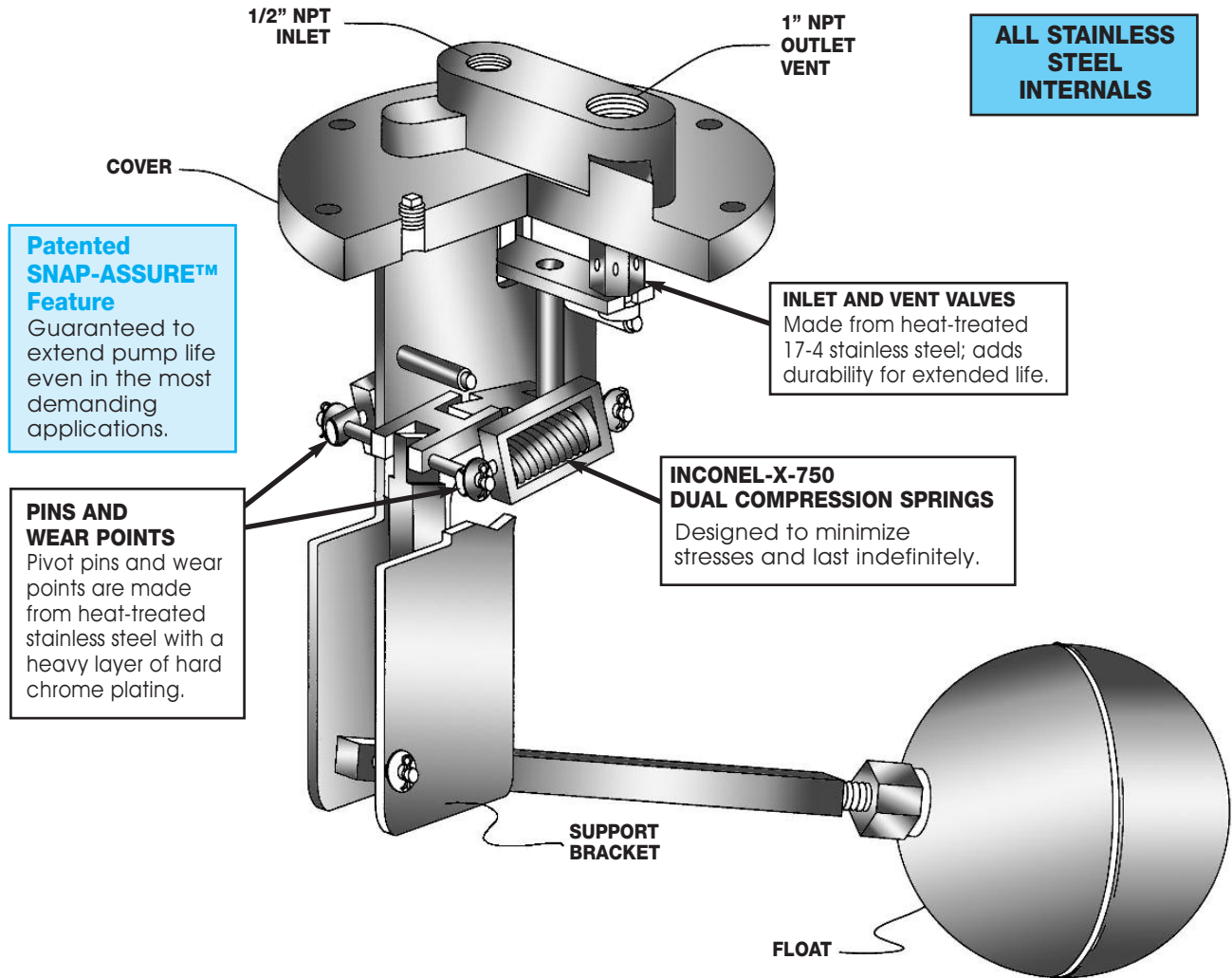


# NON-ELECTRIC CONDENSATE PUMPS

## PMP Series

### Pressure Motive Pump Internal Mechanism



**ALL STAINLESS STEEL INTERNALS**

**Patented SNAP-ASSURE™ Feature**  
Guaranteed to extend pump life even in the most demanding applications.

**INLET AND VENT VALVES**  
Made from heat-treated 17-4 stainless steel; adds durability for extended life.

**INCONEL-X-750 DUAL COMPRESSION SPRINGS**  
Designed to minimize stresses and last indefinitely.

**PINS AND WEAR POINTS**  
Pivot pins and wear points are made from heat-treated stainless steel with a heavy layer of hard chrome plating.

#### INTERNAL MECHANISM FEATURES

- Equipped with our Patented “Snap-Assure” feature, found only on Watson McDaniel’s mechanisms. “Snap-Assure” extends the useful life of the pump by assuring that the internal toggle action triggers at every fill and discharge cycle
- All Stainless Steel components eliminate corrosion and rusting
- Hard chrome-plated pivot pins and wear points substantially reduce the rate of wear on critical components
- 17-4 heat-treated stainless steel inlet and vent valve (Hardened seats have proven themselves to last years longer in service)
- Dual compression springs made from Inconel-X-750 minimize stress and corrosion and are designed to last indefinitely
- Precision manufactured mechanisms never require field adjustments
- Watson McDaniel “Snap-Assure” mechanisms can be purchased separately and will fit other manufacturers’ pump tanks

#### INTERNAL MECHANISM MATERIALS

Cover	Material for cover same as tank material
Cover Gasket	Garlock / Grafoil
Cover Bolts	Grade B5
Inlet Valve	Hardened Stainless Steel, Rc 40
Vent Valve	Hardened Stainless Steel, Rc 40
Mechanism Yoke	304 Stainless Steel
Ball Float	Stainless Steel
Springs	Inconel-X-750
Other Internal Parts	Stainless Steel

Snap-Assure Patent No. 6572340