

PT-300LL/PT-400LL Light Liquid Pump Traps

Features

- Non-electric uses nitrogen or inert gas to operate
- Standard unit intrinsically safe
- ASME code stamped carbon steel or stainless steel body vessel
- Low maintenance—No leaking seals, impeller or motor problems
- All stainless steel internals with durable Inconel X-750 springs
- Externally removable/replaceable seats—seats can be replaced or cleaned without removing pump cap from body
- For specific gravity down to 0.65

Typical Applications

- Hydrocarbon knockout drum/separator
- Flare header drain
- Applications where the specific gravity of the liquid could be as low as 0.65
- Applications where hydrocarbons may be present

Technical Data

Back Pressure

- Maximum back pressure for the PT-300LL or PT-400LL is 60 psig (4.1 bar)

Motive Pressure

- Maximum motive pressure (Nitrogen or Inert Gas) is 100 psig (6.9 bar)

Capacities

- PT-300LL will discharge approximately 12 gallons (45 liters) per cycle
- PT-400LL will discharge approximately 7.8 gallons (30 liters) per cycle

NOTE: To determine the lb/hr of liquid being pumped, use the following formula:

$$\text{lb/hr of liquid} = \text{capacities} \times \text{specific gravity of liquid}$$

To size the Light Liquid Pumps, use the sizing charts on pages CRE-10 and CRE-14.

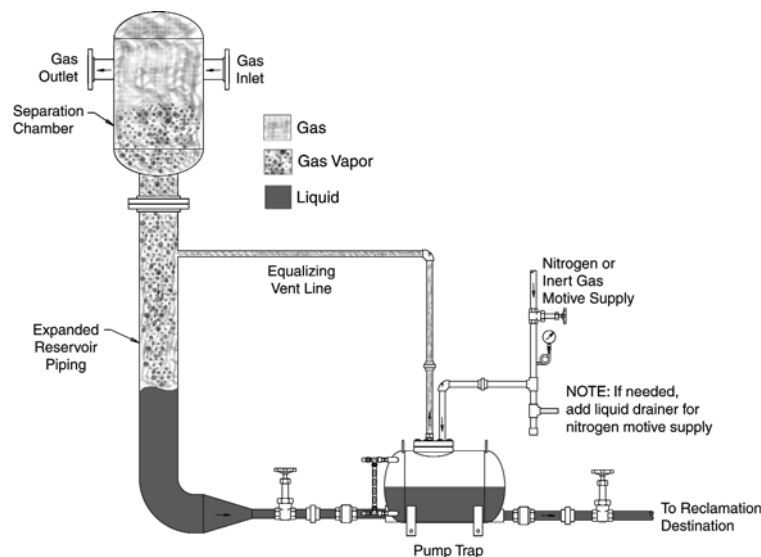
Consult Armstrong for engineered pre-piped receiver packages.



PT-300LL Light Liquid Pump Trap



PT-400LL Light Liquid Pump Trap



Hydrocarbon Knockout Drum Separator