



- Positive Gas Shut-off While Draining
- Can be Operated Manually or Remotely with an Electronic Timer
- Level Sensor Option
- 5 PSI Standard; Higher Pressure Available
- 3 or 6 Quart Capacities

The Shand & Jurs 97100 Manual Drip Trap

The S&J 97100 Manual Drip Trap provides for the continuous, safe removal of condensate from low points in low pressure gas piping systems. Removing condensed liquid protects the piping and equipment from corrosion and “water hammer” damage.

The unit collects liquid until the ported rotating disc valve is manually opened. The valve seals the gas port prior to opening the drain port allowing for removal of condensate without gas escaping. An optional timer controlled electronic actuator is available which will automatically drain the trap at a given time interval. The electronics for the timer are available in an explosion proof enclosure.

High and low pressure rated units allow for use in any low area of the digester gas system.

Available in either 3 or 6 quart sizes and with 1” NPT inlets and outlets, the S&J 97100 adapts to any condensation or drainage collection requirement. Its aluminum and stainless steel components withstand the severest of process environments. The S&J 97100 is especially designed for hydrogen sulfide and hot, wet methane which are the main components of digester gas streams in municipal waste water treatment facilities.

The 97100 is 100% U.S. made.

Applications

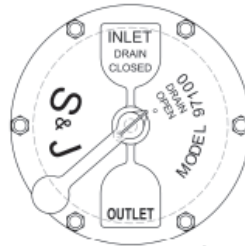
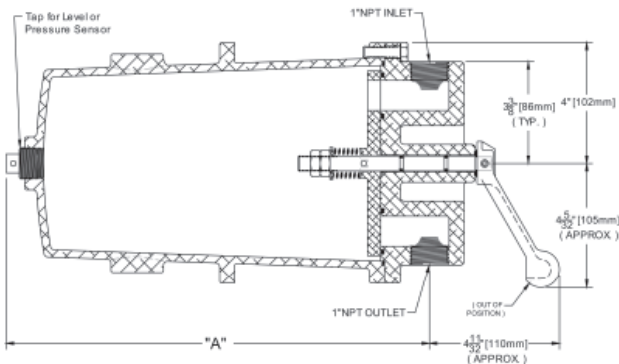
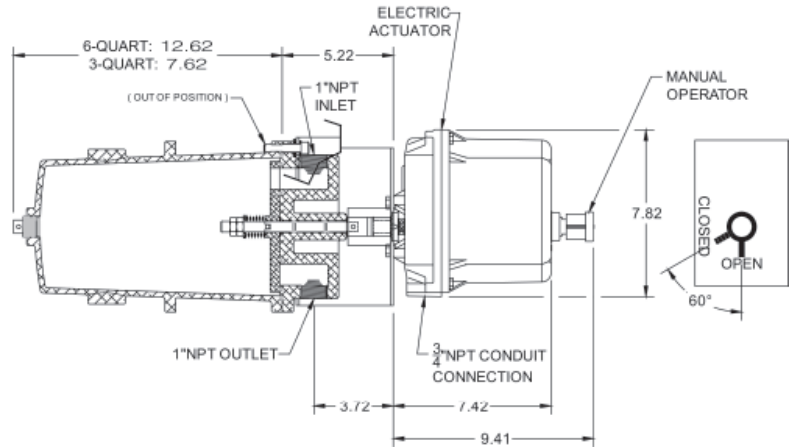
- Anaerobic digester gas train**
- Fermentation off gas piping systems**
- Low pressure vent lines**

SPECIFICATIONS

Available Sizes/Capacity: 3 Quart, 6 Quart
Inlet/Outlet Connections: 1" NPT
Materials of Construction: Aluminum body, cover plate, disc and handle (Handle with Manual only)
Maximum Working Pressure: 5 PSIG
Electronic Actuator (Optional):

120 VAC 60 Hz, 1 Phase
 Temp. Rating: -40° F to +150° F
 NEMA 7 Enclosure
 Permanent Lubrication
 Visual Indication: Open/Close
 600 in-lb Torque Capability
 One SPDT Indication Contact

Electronic Actuator



DIMENSIONS

| SIZE | DIMENSIONS A (MAX) | DIMENSIONS B |
|-------|--------------------|--------------|
| 3 Qt. | 9 1/8" | 7 1/2" |
| 6 Qt. | 14 1/8" | 12 1/2" |

HOW TO ORDER

97100 - A B

Capacity _____ Actuator with Timer _____

(A) Capacity **(B) Actuator**
 3 = 3 Quart 0 = No Actuator
 6 = 6 Quart 1 = With Actuator and Timer, Nema 7

Design subject to change without notice