



- Efficiently stores and evacuates condensate
- Protects system from damage due to corrosion
- Large storage capacity
- Optional automatic operation
- Optional sight glass

The Shand & Jurs Model 97125 Condensate Accumulator

The S&J 97125 Condensate Accumulator is designed to permit the removal and storage of liquid condensation from biogas while maintaining system pressure integrity. Condensate is a typical byproduct that forms in the pipeline when the hot, saturated biogas cools as it moves through the piping system. The removal of condensate from the biogas is necessary to keep the gas train running by protecting the downstream equipment and piping from corrosion, blockage and water accumulation. The S&J 97125 is especially designed for hydrogen sulfide and hot/wet methane, which are the main components of digester gas streams in municipal wastewater treatment facilities.

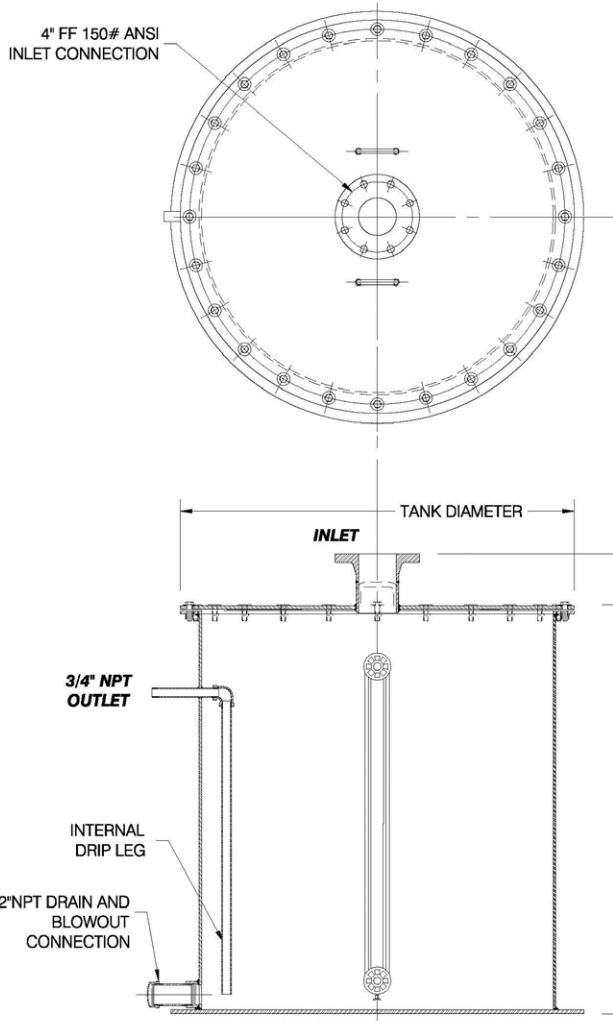
The 97125 installation will typically be immediately downstream of the digester at the lowest elevation to ensure the gravity feed of the condensation into the holding tank. In most applications, the 97125 Condensate Accumulator is used in conjunction with the S&J 97120 Sediment Trap to ensure the optimal performance of the system.

The operation of removing condensate from within the 97125 is managed by a piped connection (drip leg) constructed through the tank wall, which extends down to the drain elevation. As the condensate level rises to the level of the drain, it will be evacuated through the drip leg. To ensure proper management

of condensation from the biogas system, an optional liquid level switch and solenoid can be added to control the discharge of the condensation from within the 97125. This level switch(s) provides for automatic solenoid operation of the internal drip leg. Contact Factory for this option.

Two standard capacities, 13 gallons and 125 gallons, are available for the 97125 Condensate Accumulator. Each unit has been designed for a working pressure of 25 psig and is rigorously tested to confirm the structural integrity of the vessel.

Shand & Jurs offers a range of materials of construction for the 97125 Condensation Accumulator. Standard construction consists of carbon steel with a primer coating. Other coatings are available for corrosion protection. In addition, both 316 and 316L Stainless Steel construction are also available. The standard inlet connection is a 4" ANSI B16.5 (150 lb.), flat face flange mounted to the top of the tank. (Other connections are available upon request.) The standard drain and blowout port is a 2" NPT male connection with cap. (Other connections are available upon request.) The 97125 is equipped with (2) ½" FNPT connections that are plugged, but may be removed for installation of either a 316SS or bronze optional sight glass for visual indication of condensate level.



97125 CONDENSATE ACCUMULATOR			
Tank Capacity	DIMENSIONS		
	TANK DIAMETER	TANK HEIGHT	HEIGHT TO FLANGE
13 Gallon	19"	43-1/4"	49"
125 Gallon	42"	43-1/2"	49"

HOW TO ORDER

97125 - AB - CD

Capacity _____

Material of Construction _____ Sight Glass _____

<p><u>(AB) Capacity</u></p> <p>01 - 13 gallon</p> <p>02 - 125 gallon</p>	<p><u>(C) Material</u></p> <p>0 - Carbon Steel (Primer Only)</p> <p>1 - Carbon Steel (Epoxy Coated)</p> <p>2 - Carbon Steel (Galvanized)</p> <p>3 - 316 Stainless Steel</p> <p>4 - 316L Stainless Steel</p> <p>5 - 304 Stainless Steel</p>	<p><u>(D) Sight Glass - Isolation Valve</u></p> <p>0 - None - (2) 1/2" FNPT Taps</p> <p>1 - 316 Stainless Steel</p> <p>2 - Brass</p> <p style="text-align: center;">BUNA-N Seals standard.</p>
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*Consult Factory for Liquid Level Switch and Solenoid Accessories

All designs subject to change. Certified dimensions and specifications available upon request.