

JDV DOUBLE MEMBRANE GAS HOLDER

Anaerobic Digestion Products

Product Overview

The **JDV Double Membrane Gas Holder** is a proven design to store digester gas with low total cost of ownership. The storage system is easier to install, has lower upfront capital costs and requires lower operating capital when compared to other methods of gas storage.

The unique design allows for variable gas storage within the inner membrane at constant pressure during gas production and utilization, while the air inflated outer membrane provides gas pressure and protection. The outer membrane is constructed of a high tech cross woven fabric, coated with PVC and Ultraviolet (UV) ray protection, which has proven to endure the weather elements. An ultra sonic sensor is positioned at the center of the sphere to monitor the volume of gas present. This gives the operators full control of optimizing the utilization of gas to feed generators and/or heating systems.

Using the **JDV Double Membrane Gas Holder** to store digester gas and eliminating or reducing 'flaming' from the digester(s) can help your facility reduce or completely eliminate the need for electric grid power when generators and/or hot water boilers are incorporated into the system/facility design.



Features	Benefits
Self Support Membrane Fabric, with No Additional Supports or Anchorage	Lower Total Cost of Ownership, Ease of Installation
PVC Coated and Ultraviolet (UV) Ray Protection	Reduced Maintenance, Long Service Life
Storage Volumes Exceeding 200,000ft ³	Design Flexibility
Redundant High Efficiency Air Blowers	Maximum Operational Uptime, Lower Operating Costs
Access Manhole for Visual Inspection	Ease of Periodic Inspection and Maintenance
Simple Anchorage Devices	Ease of Installation



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Options & Accessories

- Man-hole Access and Viewing Ports
- Level Indicators
- Gas Safety Devices
- Complete Turnkey Installation Services

Pricing

Pricing varies depending on capacity required, operating pressure and gas production and utilization rates. Quotations are provided within 48 hours of request when accompanied by minimum required specification data.

Minimum specification data required in order to provide a quote:

1. Required Gas Storage Capacity (ft³)
2. Operating Pressure ("W.C.)
3. Gas Production & Utilization rates (ft³/min, ft³/hr, etc.)

Contact JDV

Ensure Success For Your Next Project!

1-973-366-6556 or www.JDVEquipment.com

