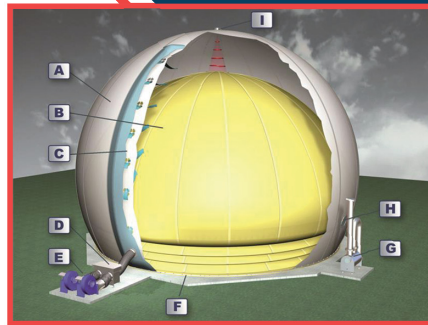




# JDV DOUBLE MEMBRANE GAS HOLDER



- A] Outer Membrane
- B] Inner Membrane
- C] Air Flow System
- D] Non Return Valve
- E] Radial Ventilator
- F] Anchor Ring
- G] Safety Valve
- H] Inspection Window
- I] Ultrasonic Sensor

## Features

Self Support Membrane Fabric,  
with No Additional Supports or Anchorage  
PVC Coated and Ultraviolet Ray Protection  
Storage Volumes Exceeding 200,000ft<sup>3</sup>  
Redundant High Efficiency Air Blowers  
Access Manhole for Visual Inspection  
Simple Anchorage Devices

## Benefits

Lower Total Cost of Ownership  
Ease of Installation  
Reduced Maintenance, Long Service Life  
Design Flexibility  
Maximum Operational Uptime,  
Lower Operating Costs  
Ease of Periodic Inspection & Maintenance

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.

**Contact us today to learn more! [www.jdvequipment.com](http://www.jdvequipment.com)**



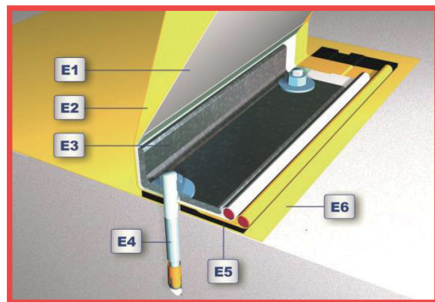


## Pricing

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:

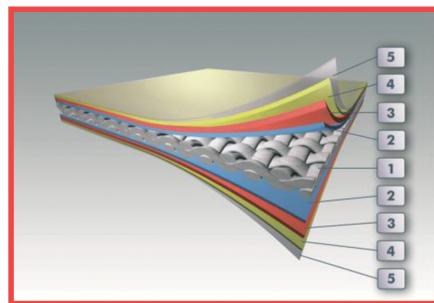
- ▶ Required Gas Storage Capacity (ft<sup>3</sup>)
- ▶ Operating Pressure ("W.C.)
- ▶ Gas Production & Utilization rates (ft<sup>3</sup>/min, ft<sup>3</sup>/hr, etc.)



- E1] Outer Membrane
- E2] Inner Membrane
- E3] Clamping Rail
- E4] Anchor Bolt
- E5] Sealing
- E6] Bottom Membrane

## Options & Accessories

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



- 1] Fabric
- 2] Ground Coating
- 3] First PVC Coating
- 4] Second PVC Coating
- 5] Top Coating

WE ARE  
THE LEADING  
MANUFACTURER

JDV Equipment Corporation is a leading manufacturer and provider of safe, environmentally friendly processing equipment and services for water treatment, wastewater treatment, industrial and agricultural applications.



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