

JDV SLUDGE HEATER & EXCHANGERS

Anaerobic Digestion Products

Product Overview

The **JDV Sludge Heater and Exchanger Systems** provide a proven technology to ensure optimum thermal efficiency for anaerobic digestion. The **JDV/Ralph B. Carter** counter flow high velocity tube in tube design promotes high efficiency heat transfer with minimal fouling to re-circulated sludge. The integrated three-way blending valve maintains a uniform inlet water temperature for increased digester operational efficiency.

Each system is manufactured to ASME standards and is certified and stamped accordingly. The **JDV/Ralph B. Carter Sludge Heater and Exchanger Systems** have been successfully installed and are operating in thousands of existing Municipal and Industrial treatment plants.



Features	Benefits
ASME Manufactured Certification and Stamp	Assurance of Quality Manufacture and Design
Available Fuels - Oil, Natural Gas, Liquid Propane, Digester Gas	Design/Operational Flexibility
Leak Detector Plates with Weep Holes	Proactively Scheduled Maintenance Intervals
SS Digester Gas Train	Reduced Maintenance Costs, Lower Total Cost of Ownership
Removable Sludge/Water Tubes	Ease of Periodic Inspection and Maintenance for Long Service Life of Equipment
1/2" NPT on Outlet/Inlet Lines	Ease of Installation/Maintenance of Temperature Indicating Devices Lowering Overall Operation & Maintenance Costs



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Options & Accessories

- Digital Temperature Reading, integrated into SCADA
- Multiple or Single Fuel Options
- Hot Water Recirculation Pumps
- Integrated Sludge Pump Controls

Pricing

Pricing varies depending on heating requirements, feed rates and operating temperature. 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. Heating Required (BTUs)
2. Sludge Feed Rates (GPM) or Digester Tank Size
3. Operating Temperature (°C/°F)

Contact JDV

Ensure Success For Your Next Project!

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

