

## RoFlo

Rotary vane gas compressors for biogas applications



Ro-Flo® sliding vane compressors are ideally suited to handle corrosive and/or dirty gases such as landfill and digester gases.

Their outstanding reliability and durability is inherent to the design of this oil-flooded vane compressor. The Ro-Flo units will deliver years of continuous service with no loss of volume or pressure, even in the most severe applications.

Because the only wearing parts are bearings, blades and seals, maintenance costs are minimal. When routine maintenance is required, the simplicity of the design makes this process easy on-site, without removing the compressor from the system.

All components use heavy-duty construction to ensure strength, durability and lasting value.

More than 20 models are available in both low and high-pressure configurations for a wide range of applications and industries.

### Design

- Rotor blades are constructed of durable laminated cloth impregnated with phenolic resin, and are heat-treated to minimize wear at elevated temperatures
- Self-adjusting, radially sliding vanes maintain constant pressure and flow rate

### Performances

- Inlet volumes: up to 6,271 m<sup>3</sup>/h
- Pressure: up to 130 psi

### Pre-assembled packages

- Single stage (up to 75 psia) or two stages (up to 130 psia)
- TEFC or TEXP motor
- Direct coupling or pulley and belt drive
- Process piping
- Cooling system
- Forced lubrication system
- Particle separator
- Inter-stage or downstream cooler
- Instrumentation
- Control panel

### Applications

- Landfill gas
- Digester gas
- Hydrocarbon vapors
- Natural gas/fuel gas
- Coal bed methane
- Acid gas
- Sour gas (up to 92% H<sub>2</sub>S)
- Refrigeration
- Condenser vacuum
- Wellhead pressure reduction
- Process vacuum
- Polymerisation gas

## Brochures

- Ro-Flo Compressors

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