



AquaSeal Series

Water-Sealed Liquid Ring Vacuum Pump Systems

Performance Specs

Single-stage motor mounted vacuum pumps

Nominal Capacity 20 - 150 CFM

Motor Size 1.5 - 10 HP

Single-stage vacuum pumps

Nominal Capacity 20 - 1,200 CFM

Motor Size 1.5 - 100 HP

Two-stage vacuum pumps

Nominal Capacity 15 - 500 CFM

Motor Size 2 - 50 HP

Larger capacity systems, up to 39,000 CFM (1200 HP) are available, please contact factory for more details. Special materials, such as stainless steel, Hastelloy, etc are available upon request.



AquaSeal systems are ideal for tough applications where corrosive gases are present. These systems are designed to be environmentally friendly and minimize pollution. Available in a wide choice of materials and can be set up for fully automatic operation. The AquaSeal system can be configured with either single-stage or two stage liquid ring pumps, and designed to meet process needs as a full recovery, partial recovery or no recovery option. This system is low maintenance and can have minimal cooling water requirements.

Features

- Complete package design includes all necessary components
- Available in a wide choice of materials
- Custom design according to customers specifications are a Dekker specialty
- Electrical control panel, including skid wiring available as an option
- Available with either single-stage or two-stage liquid ring pumps
- Heavy-duty pump design requires minimum maintenance
- All pumps include mechanical shaft seals as standard
- Heavy-duty TEFC motors with service factor are included

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