

# 12. AquaSeal SYSTEMS



condenser-exhauster systems Model DVW1200DF1-50

Aqua : Optimize your turbine efficiency with the Dekker condenser-exhauster system.

- Efficient two-stage design provides excellent performance and condensing capabilities at high vacuum.
- Heavy duty pump design requires a minimum of maintenance.
- Features stainless steel impellers and shaft as standard.
- Features mechanical shaft seals as standard (minimizes air-leakage and shaft damage).
- Complete package design includes all necessary components for automatic operation.
- Stainless steel plate type heat exchanger offers superior heat transfer and is expandable for customized conditions, shell and tube available upon request.
- Superior evacuation (hogging) characteristics versus steam ejectors.
- Electrical control panel, including skid wiring available as an option.
- Heavy duty TEFC motors with service factor are standard.

# LEGEND: temporary inlet strainer Y-strainer pneumatic valve solenoid valve globe valve ball valve N check valve butterfly valve flow meter vane type flow meter rotameter vacuum gauge temperature gauge pressure gauge

## **Performance Characteristics**

Holding capacity\*: 16 SCFM at 1" HgA
Pump speed: 720 RPM
Motor: 100 HP
Weight: consult factory
Maximum noise level (at 3 feet): 85dBA

### \* Note:

Based on 55°F cooling water to heat exchanger. For higher cooling water temperature see performance curve page.

Information contained in this document is for reference only. Subject to change without notice.

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compound gauge

recirculation pump

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Aqua POWERGEN

Aqua Sea

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