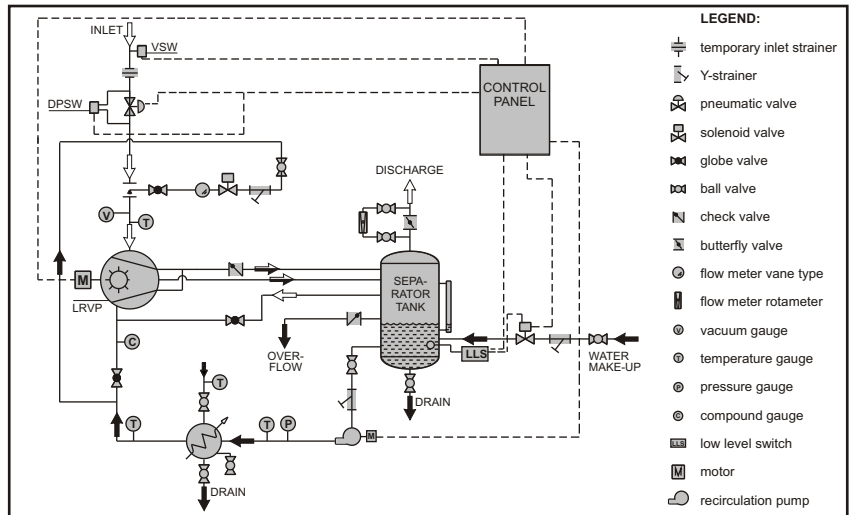


**AquaSeal<sup>POWERGEN</sup>** : Optimize your turbine efficiency with the Dekker condenser-exhauster system.

- 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.

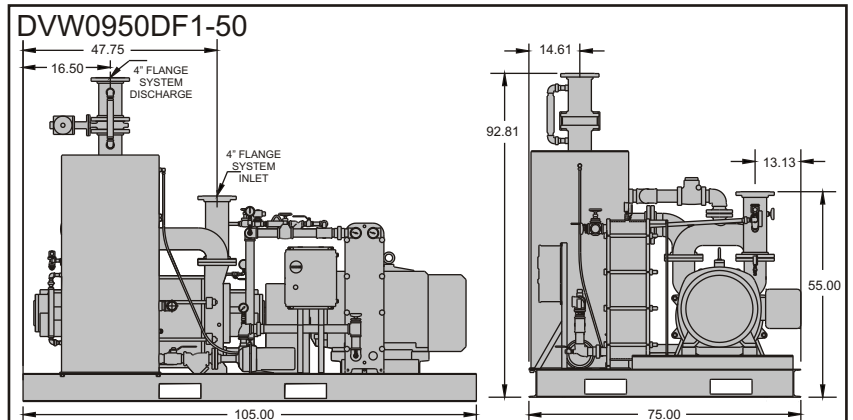


**Performance Characteristics**

Holding capacity\*: 11 SCFM at 1" HgA  
 Pump speed: 900 RPM  
 Motor: 60 HP  
 Weight: consult factory  
 Maximum noise level (at 3 feet): 85dBA

**\* Note:**

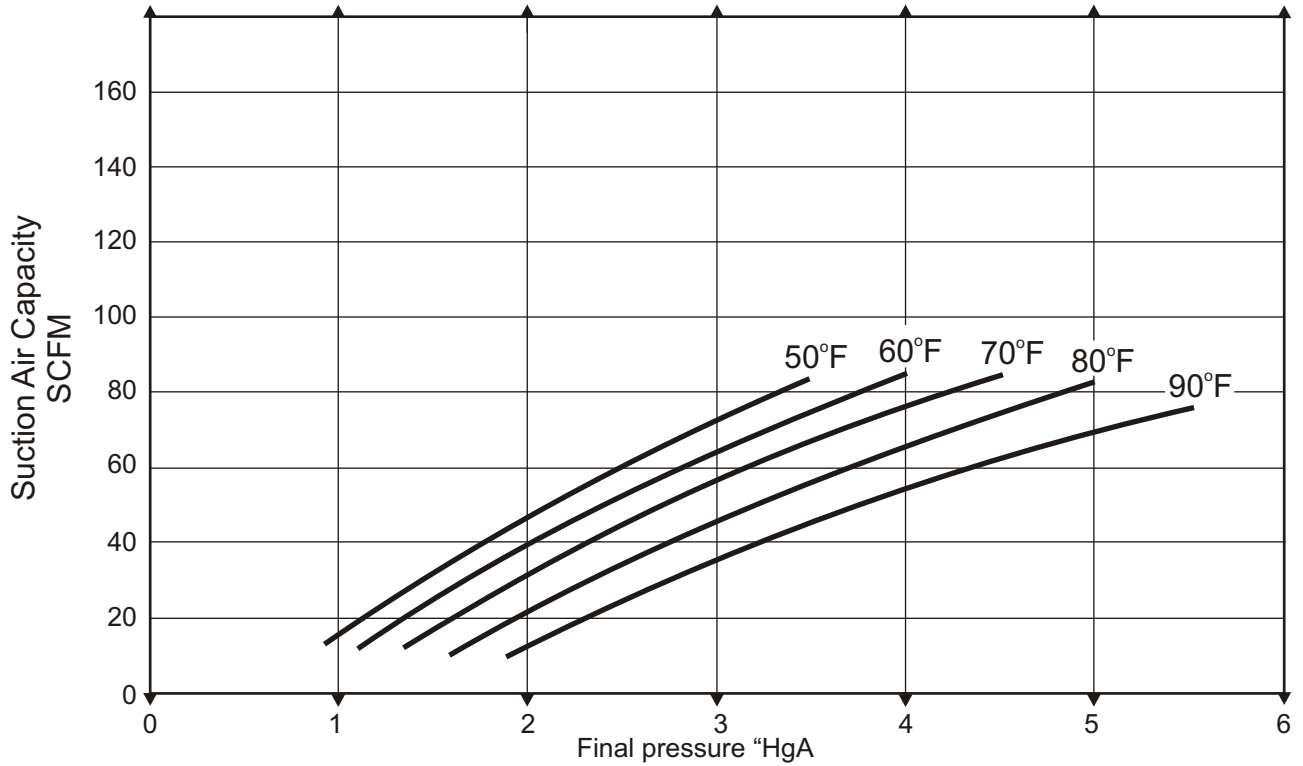
Based on 55°F cooling water to heat exchanger.  
 For higher cooling water temperature see performance curve page.



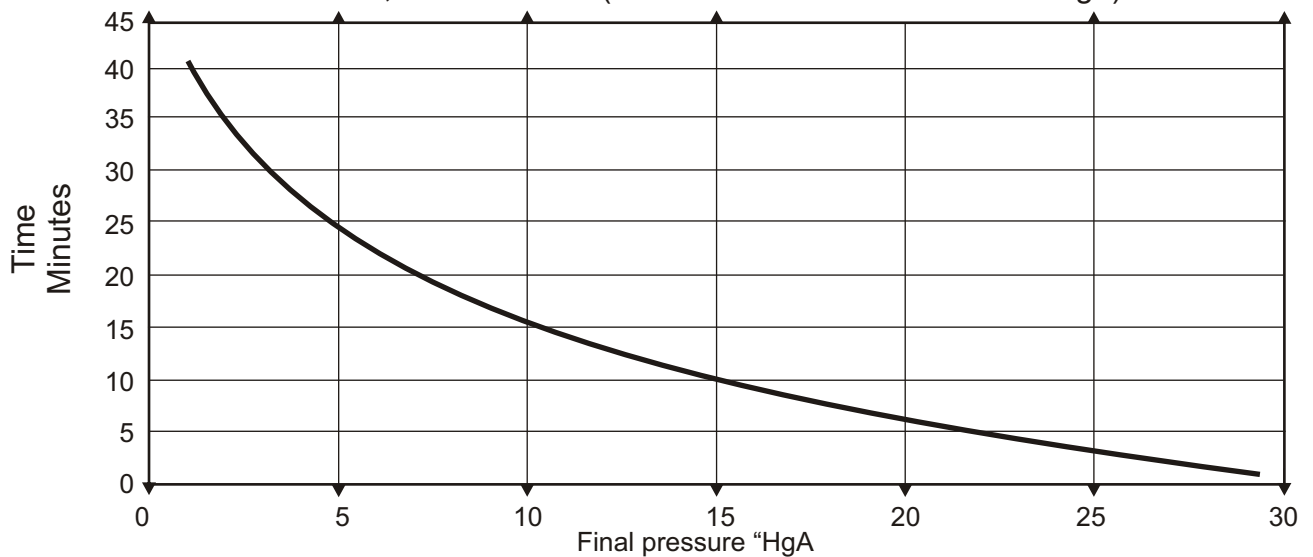
Information contained in this document is for reference only. Subject to change without notice.

### DVW0950DF1-50

Condenser-exhauster performance curve



Condenser-exhauster evacuation curve  
of 10,000 cubic feet (assume 60°F water and no leakage)



Barometric Pressure 29.92"Hg

Tolerance 10 %