

AES Group, Inc.

Sales • Construction • Service

SPECIFICATION

- AES-Dekker Laboratory Vacuum System Model VMX0083MA1-AES-SPL
 - (1) Dekker Titan single stage 5.5HP liquid ring vacuum pump skids.
 - **Capacity each vacuum pump 70 ACFM @ 25" HGVAC.**
 - System Components Include:
 - (1) TEFC Electric motor, 230/460 Volt, 3 Phase, Premium Efficiency.
 - (1) Flexible Coupling
 - (2) Fabricated Steel Baseplate
 - (1) Patented DX5 Discharge Separator-Reservoir with 5 Stage Air/Oil Separation, Including Coalescing Filter.
 - (1) Seal Fluid Isolation Valve
 - (1) Y-Strainer
 - (1) Separator Drain Valve
 - (1) Separator Sight Level Gauge
 - (1) Temperature RTD for Discharge Temperature Indication and High Temperature Protection.
 - (1) Air-Cooled, Heat Exchanger Packages with Main Motor Driven Fan and Fan Guard.
 - (2) Inlet Check Valves
 - Discharge Manifold Including:
 - (1) Individual Pump Drip Leg
 - (1) Set of Hydraulic Hose Seal Fluid Line.
 - (1) Inlet Filters
 - (1) Vacuum Relief Valves
 - (1) Dekker ControlDEK Control Panel
 - Monitors, Measures, and Displays Performance.
 - Identifies Maintenance and Fault Conditions, Prevents Downtime, and Preserves System Quality.
 - 460V, 3-Phase, 60Hz, NEMA 12, UL Listed
 - Custom PLC with 4,3" color touchscreen LCD with integral hour meter.
 - Across The Line Magnetic Vacuum Pump Starters with 3-Phase Overload Protection.
 - Vacuum ON/OFF Capability with Adjustable Set Points.
 - Vacuum Transducer, for Vacuum Level Indication and Control.
 - Pressure Transducer, for Back-Pressure Indication and Monitoring.
 - 24VDC Power Supply