



Vacuum Pumps & Systems
A DIVISION of AIR ENERGY, LLC

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**Direct Drive Rotary Screw
 Multiplex Medical Vacuum Systems
 RSD Series, 25hp to 200hp**

- Two through Four Rotary Screw Vacuum Pumps
- Inlet Filter mounted on each pump
- Local/Remote switch on each pump
- Short Cycle Auto Reset on each pump
- Fusible Disconnect on each pump
- Auxiliary Contacts for Motor Overload and High Air Temp
- Epoxy Lined Vertical Receiver with System Isolation Valve, Sight Glass, Manual Drain and 3 Valve By-pass
- PLC Automatic Rotation Sequencer with all NFPA alarms
- System is shipped as Modular Skids with Ship Loose Receiver and NFPA99 compliant PLC Automatic Rotation Sequencer to operate 2 to 4 units equipped with Auto Demand

Standard Equipment

- Standard NEMA, O.D.P. Motor – 3 Phase, 60 Hz., 200, 230, 460, or 575 Volt
- Modulating Inlet Valve
- Heavy Duty Steel Base
- Full Flow Spin-on Type Fluid Filter
- Positive Lubrication Fluid Pump
- Fluid Level Gauge
- Auto Dual Control
- Air Cooled Fluid Cooler
- Temperature Regulating Valve
- Full Voltage Motor Starter
- 120 Volt Control Transformer
- QuinSyn-Plus, QuinSyn-PG, and QuinSyn-F Synthetic Compressor Fluids of Choice
- Instrument Panel Includes: Vacuum Gauge, Air/Fluid Separator Service Gauge, Discharge Temperature Gauge, Hour Meter, and “Power On” Light.
- Tested as a Package at the Factory
- Large Capacity 10-Micron Inlet Filter w/Polyester Element

Standard Protective Devices

- Pressure Relief Valve on the Air/Fluid Reservoir Tank
- High Discharge Air Temperature Shutdown w/Reset
- UL Listed Instrument Panel



MODEL NUMBER	HP	CAPACITY PUMP/SYSTEM	MAXIMUM VACUUM	CAPACITY @ 19" Hg		VERTICAL RECEIVER Other tank sizes available
				ACFM	SCFM	
RSDD-25-N-200	25 (2x)	365/365	29.9"Hg	365	134	200 GALLON
RSDD-25-N-200	25 (3x)	365/730		730	265	200 GALLON
RSDD-25-N-240	25 (4x)	365/1095		1095	401	240 GALLON
RSDD-40-N-200	40 (2x)	550/550	29.9"Hg	550	201	200 GALLON
RSDD-40-N-240	40 (3x)	550/1100		1100	403	240 GALLON
RSDD-40-N-240	40 (4x)	550/1650		1650	604	240 GALLON
RSDD-50-N-200	50 (2x)	730/730	29.9"Hg	730	267	200 GALLON
RSDD-50-N-240	50 (3x)	730/1460		1460	534	240 GALLON
RSDD-50-N-400	50 (4x)	730/2190		2190	801	400 GALLON
RSDD-75-N-240	75 (2x)	980/980	29.9"Hg	980	359	240 GALLON
RSDD-75-N-400	75 (3x)	980/1960		1960	718	400 GALLON
RSDD-100-N-400	100 (2x)	1500/1500	29.9"Hg	1500	549	400 GALLON
RSDD-200-N-400	200 (2x)	3000/3000	29.9"Hg	3000	1099	400 GALLON