



Vacuum Pumps & Systems
A DIVISION of AIR ENERGY, LLC
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- Two Oil-free Rotary Claw Vacuum Pumps mounted on a fabricated frame over an Epoxy Lined vertical receiver and a mounted and wired NFPA compliant PLC Control Panel
- Inlet Filter mounted on each pump
- High Discharge Temp Switch on each pump
- No Oil in pumping chamber only in Gear Box
- Epoxy Lined Vertical Receiver with System Isolation Valve, Sight Glass, Manual Drain Valve and Three-Valve By-Pass
- Duplex PLC Control Panel with all NFPA alarms
- System is built with single point connections for process inlet and system control power.

Duplex Stack Mount Oil-free Rotary Claw Medical Vacuum System with NFPA compliant PLC Control Panel

Duplex NFPA PLC Control Panel Including the Following:

- Finger Safe Power Distribution Block
- Full Voltage Motor Starter for Each Pump
- Dual 120V Control Transformer with CB protected Primary and Secondary Circuits
- Dual 120Vac/24Vdc Power Supply
- PLC w/integrated HMI with Touch Screen & Keypad
- Door Mounted Motor Circuit Protector for Each Pump
- Auto Restart after Power Outage
- 4-20mA Transmitter to Control Pumps via PLC
- H/O/A Switch, Run Light, Hour Meter integrated in PLC
- Door Mounted Disconnect
- Dry Contacts for Remote Monitoring
- PLC By-pass allows Pump Operation with MCPs
- System Fault Indicator display on PLC
- UL 508 Listed, NEMA 12 Enclosure
- Maintenance Due Screen display on PLC
- System Parameters selection via PLC
- Panels with VSD also available



MODEL NUMBER	HP	CAPACITY PUMP/SYSTEM	MAXIMUM VACUUM	CAPACITY @ 19" Hg		VERTICAL RECEIVER
				ACFM	SCFM	
GPVD-1104-N-80VF	2	44/44	28.4"Hg	39	14	80 GALLON
GPVD-1104-N-120VF	2	44/44	28.4"Hg	39	14	120 GALLON
GPVD-1144-N-80VF	3	57/57	28.4"Hg	54	20	80 GALLON
GPVD-1144-N-120VF	3	57/57	28.4"Hg	54	20	120 GALLON
GPVD-1102-N-80VF	4	79/79	28.4"Hg	73	27	80 GALLON
GPVD-1102-N-120VF	4	79/79	28.4"Hg	73	27	120 GALLON
GPVD-1142-N-80VF	5	103/103	28.4"Hg	102	38	80 GALLON
GPVD-1142-N-120VF	5	103/103	28.4"Hg	102	38	120 GALLON