



Vacuum Pumps & Systems
A DIVISION of AIR ENERGY, LLC

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Duplex Tank Mount Lubricated Rotary Vane Medical Vacuum System with NFFPA compliant PLC Control Panel

The GlobalVAC Lubricated Rotary Vane Medical Vacuum Systems are available in 1 to 10 hp and mounted on a horizontal receiver. Systems are also available on a vertical receiver for 1 to 5hp. The system is built with isolation valve, check valve and pump mounted quick release inlet filter. The receiver is equipped with a sight glass, manual drain valve and three valve by-pass. The System is operated by a mounted and wired NFFPA compliant Duplex PLC Control Panel

Duplex NFFPA 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



MODEL NUMBER	HP	CAPACITY PUMP/SYSTEM	MAXIMUM VACUUM	CAPACITY @ 19" Hg		STANDARD RECEIVER (OTHER SIZES AVAILABLE)
				ACFM	SCFM	
GPRD-15-N-80H	1	10.6/10.6	29.63"Hg	10	3.7	80 GAL HORIZONTAL
GPRD-15-N-80V						80 GAL VERTICAL
GPRD-28-N-80H	1.5	17.7/17.7	29.63"Hg	17	6	80 GAL HORIZONTAL
GPRD-28-N-80V						80 GAL VERTICAL
GPRD-45-N-120H	2	35.3/35.3	29.92"Hg	33	12	120 GAL HORIZONTAL
GPRD-45-N-120V						120 GAL VERTICAL
GPRD-70-N-120H	3	49.4/49.4	29.92"Hg	46	17	120 GAL HORIZONTAL
GPRD-70-N-120V						120 GAL VERTICAL
GPRD-115-N-120H	5	67.7/67.7	29.92"Hg	66	24	120 GAL HORIZONTAL
GPRD-115-N-120V	5	67.7/67.7	29.92"Hg	66	24	120 GAL VERTICAL
GPRD-150-N-120H	5	106/106	29.92"Hg	101	37	120 GAL HORIZONTAL
GPRD-150-N-120V	5	106/106	29.92"Hg	101	37	120 GAL VERTICAL
GPRD-202-N-240H	7.5	141/141	29.92"Hg	134	49	240 GAL HORIZONTAL
GPRD-303-N-240H	10	212/212	29.92"Hg	199	73	240 GAL HORIZONTAL