

S2000-S3-V240 Rotary Vane Medical Vacuum System

System is NFPA compliant and has modular construction and interconnecting piping.

PUMP MODULE

Oil sealed rotary vane vacuum pump with NEMA motor. Each pump module is equipped with an inlet filter, check valve, pump isolation valve, and temperature switch.

SYSTEM CONTROLS

The UL listed electrical control panel features a high-definition color touch screen that can be set up externally without the use of toggle switches. The panel displays multiple conditions, including pump running status, elapsed hours, vacuum level, and audio/visual alarms.

Standard features include lag alarm, automatic pump alternation, adjustable minimum run timer, adjustable vacuum settings, adjustable screen brightness, alarm history registry, and data logging. The panel has standard dry contacts and Modbus interface with building management systems. Ethernet and BACnet are available as options. The panel's maintenance menu includes service items and maintenance warnings, and it is programmed for both English and Spanish languages.

VACUUM RECEIVER

Constructed to ASME standards and rated for full vacuum. Equipped with valved bypass, high visibility vacuum gauge, source isolation valve, and a manual drain valve. Mounting pads and flex connectors supplied for field installation.

KEY OPTIONS

Variable Speed Drive Electrical Panel
Configurable for Lab or Industrial Applications
Gas Purge System for Lab use

Configuration	Triplex Stack Mount
System Capacity*	224.2 SCFM @ 19" Hg. 60 Hz. 186.8 SCFM @ 19" Hg. 50 Hz.
Horsepower (Each Pump)	20 HP
Horsepower (Total System)	60 HP
Available Voltage	208/230/460V 3 PH 60 Hz. 380V 3 PH 50 Hz. Contact Factory for other voltages
Full Load Amps 3 PH	208 Volts: 180.6 230 Volts: 164.2 380 Volts: 100.2 460 Volts: 82.2
Tank Size	240 gallon vertical
Bacterial Filter Bank (option)	BOM-MED FB-4

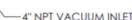


Click here for pump specifications
and industry-leading parts support

*System capacity is stated with one pump in reserve per NFPA. Capacity based on operation at sea level.
For higher altitude, contact factory for adjusted capacity.

SYSTEM LISTED ARE 460V. IF ANOTHER VOLTAGE IS REQUIRED, USE THE FOLLOWING PART NUMBERS.			
VOLTAGE	SYSTEM P/N	PUMP MODULE P/N	TRIP MODULE P/N
208-40-3	52000-208-53-V240	100-0208	214539
230-40-3	52000-230-53-V240	100-0208	214539
380-50-3	52000-380-53-V240	100-0208	214546

SYSTEM LISTED ARE 460V. IF ANOTHER VOLTAGE IS REQUIRED, USE THE FOLLOWING PART NUMBERS.			
VOLTAGE	SYSTEM P/N	PUMP MODULE P/N	TRIP MODULE P/N
208-60-3	52000-208-53-V240	100-0208	214539
230-60-3	52000-230-53-V240	100-0208	214539
380-50-3	52000-380-53-V400	100-0208	214546

[illegible]

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	REV.
1	2	230914	MEDICAL VACUUM FILTER, 0.2 MICRON 4" IPT	
2	4	A-12103-41	4 X 6" NPT NIPPLE	
3	4	A-12103-86	4 X 6" NPT NIPPLE	
4	4	A-12105-13	6" NPT CLOSE NIPPLE	
5	2	A-12108-13	4" Threaded Tee	
6	4	A-12109-13	4 NPT - ELBOW	
7	8	B-1404-9	FLANGE, 4"	
8	1	BASE MOD FS-4	WELDED BASE, MEDICAL FILTER BASE, 4" PIPE	
9	4	8014	BUTTERFLY VALVE, 4"	



REV	REV	INITIAL RELEASE	REVISIONS
001	002		
NO NOTIFICATION DRAWING		DESCRIPTION OF CHANGE	
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