

SC1500-S3-V240 Claw Medical Vacuum System

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

PUMP MODULE

Oil-less rotary claw air cooled vacuum pump with NEMA motor. Each pump module is equipped with an inlet filter, check valve, pump isolation valve, internal discharge silencer, and temperature switch.

SYSTEM CONTROLS

The UL listed soft start 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
O2 Assured Oil for gearbox
Configurable for Lab or Industrial Applications
Gas Purge System for Lab use

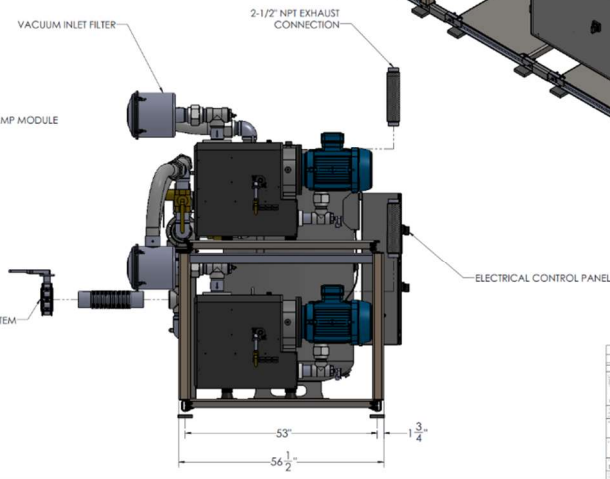
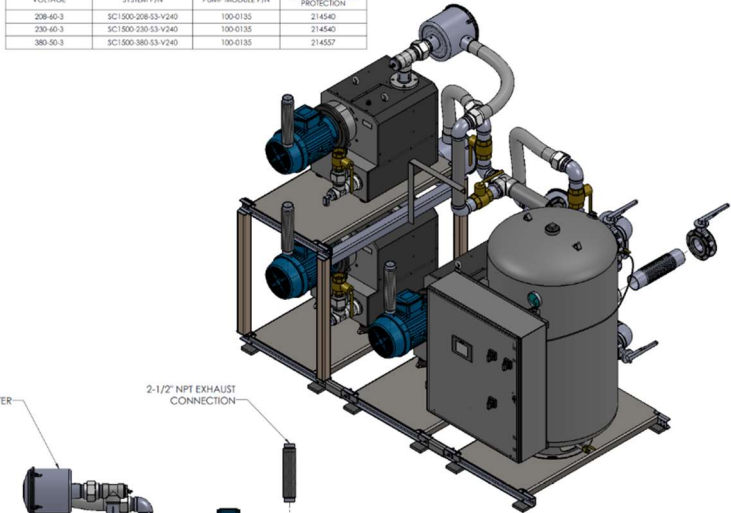
Configuration	Triplex Stack Mount
System Capacity*	256 SCFM @ 19" Hg. 60 Hz. 213.2 SCFM @ 19" Hg. 50 Hz.
Horsepower (Each Pump)	15 HP
Horsepower (Total System)	45 HP
Available Voltage	208/230/460 v. 3 phase 60 Hz. 380 v. 3 phase 50 Hz. Contact Factory for other voltages
Full Load Amps 3 ph.	208 volts: 141 230 volts: 128.2 380 volts: 76.2 460 volts: 64.2
Tank Size	240 gallon vertical
Medical Filter Bank (option)	BOM-MED FB-4





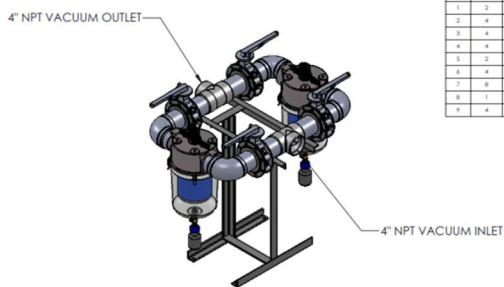
Click here for pump specifications
and industry-leading parts support.

*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.

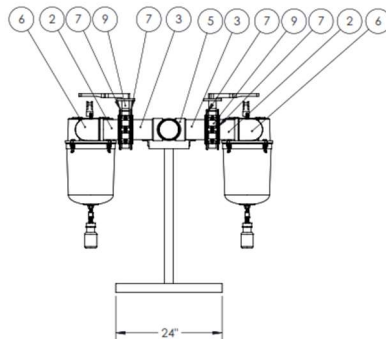
SYSTEM LISTED ARE 460V. IF ANOTHER VOLTAGE IS REQUIRED, USE THE FOLLOWING PART NUMBERS.			
VOLTAGE	SYSTEM P/N	PUMP MODULE P/N	MOTOR OVERLOAD PROTECTION
208-40-3	SC1500-208-53-V240	100-0135	214540
230-60-3	SC1500-230-53-V240	100-0135	214540
380-50-3	SC1500-380-53-V240	100-0135	214557



Q1	N/A	INITIAL RELEASE	09/19/2022	P.L.
Q2		RECEIVED BY	09/19/2022	BY
ANALYST: (FINGERPRINT OFFICE USE ONLY) ANALYST: (FINGERPRINT OFFICE USE ONLY)		F. LOPEZ	09/19/2022	
J.A. = 0.0000 J.B. = 0.0000 J.C. = 0.0000		RECEIVED BY	09/19/2022	
 		ANALYST BY	09/19/2022	
PREPARED BY N/A		DATE RECEIVED	09/19/2022	
REVIEWED BY N/A		CHIO MEDICAL always there for life		
SC1500-460-S3-V240-5120000		CHIO MEDICAL always there for life		
B		SC1500-460-S3-V240-51		
SCALE 1:1		SHEET 1 OF 1		



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	REMARKS
1	2	233914	MEDICAL VACUUM FILTER, 0.2 MICRON, 4" FPT	
2	4	A-12102-41	4 X 5" NPT NIPPLE	
3	4	A-12103-86	4 X 5" NPT NIPPLE	
4	4	A-12105-13	4" NPT CLOSE NIPPLE	
5	2	A-12108-13	4" Threaded Tee	
6	4	A-12109-13	4" NPT- ELBOW	
7	8	B-14604-9	FLANGE, 4"	
8	1	BASE AND FB-4	WELDED BASE, MEDICAL FILTER BANK, 4" PIPE	
9	4	BUT-4	BUTTERFLY VALVE, 4"	

[illegible]