

SC1500L-S2-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	Duplex Stack Mount
System Capacity*	95 SCFM @ 19" Hg. 60 Hz. 79.1 SCFM @ 19" Hg. 50 Hz.
Horsepower (Each Pump)	15 HP
Horsepower (Total System)	30 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: 93.6 230 volts: 85.1 380 volts: 50.8 460 volts: 42.6
Tank Size	240 gallon vertical
Medical Filter Bank (option)	BOM-MED FB-3



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 MODEL NO.	PART NO.	HP EACH	SCHWABER @ 1" HP EACH	SCHWABER @ 2" HP EACH	DESIGN CAPACITY (BTU/Hr EACH)	RECEIVER SIZE (GALLONS)	PUMP INLET NPT	ESTIMATED SYSTEM WEIGHT (LB)	MOSE LEVEL (DBA)
C1500R-572	SC1500L-460-S2-V240	15	45 / 360	47 / 251	15	240	3"	2950	78

VOLTAGE	SYSTEM PIN	PUMP MODULE PIN	MODUL OVERLOAD PROTECTION
208-60-3	SC1500L-208-S2-V240	100-0134	214540
230-60-3	SC1500L-230-S2-V240	100-0134	214540
380-50-3	SC1500L-380-S2-V240	100-0134	214557

SYSTEM LISTED ARE 460V. IF ANOTHER VOLTAGE IS REQUIRED, USE THE FOLLOWING PART NUMBERS.

VACUUM INLET FILTER
 2-1/2" NPT EXHAUST CONNECTION PER PUMP
 VACUUM PUMP MODULE
 VACUUM AIR RECEIVER
 ELECTRICAL CONTROL PANEL
 MODULAR STEEL FRAME
 3" NPT SYSTEM CONNECTION

Dimensions: 79" APPROX. height, 78" APPROX. width, 88" APPROX. height, 26" width, 4" width, 26" width, 4" width, 72" width, 53" width, 1 3/4" width, 56 1/2" width.

QTY	IN/A	INITIAL RELEASE	DATE	P.L.
1	SC1500L-460-S2-V240	07/25/22	07/25/22	01

3" NPT VACUUM INLET
 3" NPT VACUUM OUTLET
 4X Ø 2 1/8"
 28" APPROX. height
 13 1/2" height
 72 1/2" width
 43" APPROX. width
 46" APPROX. height
 24" width
 16" width

ITEM NO.	QTY	PART NUMBER	DESCRIPTION	REF. NO'S
1	2	228113	MEDICAL VACUUM FILTER, 0.2 MICRONS 2" HPT	
2	4	A-12122-54	3.5" 4" NPT HANDLE	
3	4	A-12122-11	2" NPT COUPLERS	
4	2	A-12122-11	2" NPT COUPLERS	
5	4	A-12122-11	2" NPT COUPLERS	
6	4	A-12122-11	2" NPT COUPLERS	
7	8	A-14201-8	2" NPT SCH 40 GALVANNEED PIPE, 10' LONG	
8	1	14204-2	RANGE 2"	
9	1	14204-2	RANGE 2"	
10	4	B-5.5	WELDED BASE, MEDICAL FILTER BANK, 2" PIPE	
11	4	B-5.5	BUTTERFLY VALVE 2" NPT	

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