

## SC1000-T2-H120 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

<b>Configuration</b>	Duplex Tank Mount
<b>System Capacity*</b>	75 SCFM @ 19" Hg. 60 Hz. 62.5 SCFM @ 19" Hg. 50 Hz.
<b>Horsepower (Each Pump)</b>	10 HP
<b>Horsepower (Total System)</b>	20 HP
<b>Available Voltage</b>	208/230/460 v. 3 phase 60 Hz. 380 v. 3 phase 50 Hz. Contact Factory for other voltages
<b>Full Load Amps 3 ph.</b>	208 volts: 62.8 230 volts: 57.1 380 volts: 34.8 460 volts: 28.6
<b>Tank Size</b>	120 gallon horizontal
<b>Medical Filter Bank (option)</b>	BOM-MED FB-2



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.

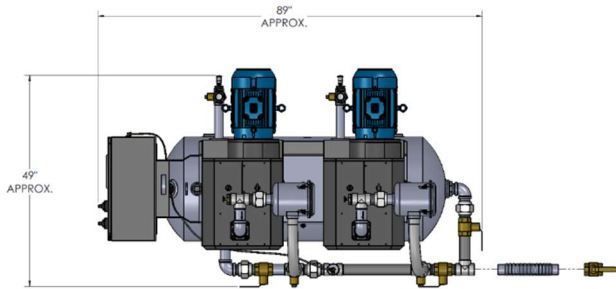
SYSTEM MODEL NO.	PART NO.	HP EACH	SCHEMATIC 1/2" HP EACH	SCHEMATIC 1/2" HP EACH	DESIGN CAPACITY 1/2" HP EACH	RECEIVER SIZE (GALLONS)	PUMP INLET NPT	ESTIMATED SYSTEM WEIGHT (LB)	HOSE LEVEL (INCH)
C1000B-T2	SC1000-460-T2-H120	10	75 / 205	31.5 / 189	75	120	2"	1600	77

SPACE ALLOWANCE FOR MAINTENANCE = 3 FT ON ALL SIDES. MORE SPACE IS REQUIRED FOR THE OPENING OF LARGER PANEL DOORS.

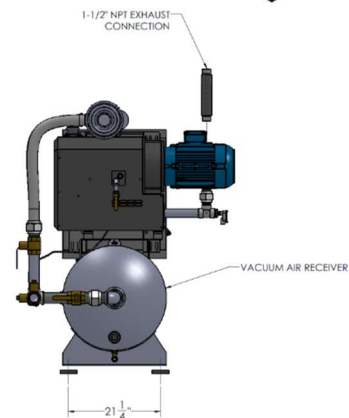
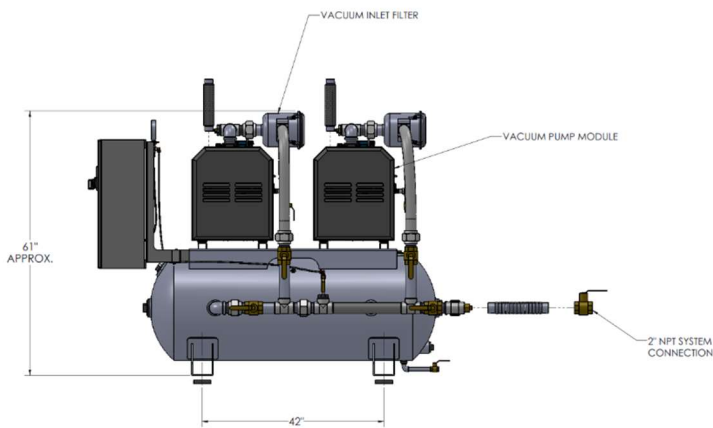
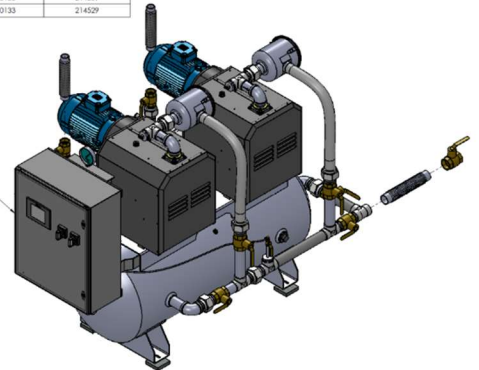
TABLE 1

SYSTEM LISTED ARE 480V. IF ANOTHER VOLTAGE IS REQUIRED, USE THE FOLLOWING PART NUMBERS.

VOLTAGE	SYSTEM P/N	PUMP MODULE P/N	TRP MODULE P/N
208-480-3	SC1000-208-T2-H120	100-0133	214559
230-480-3	SC1000-230-T2-H120	100-0133	214559
380-50-3	SC1000-380-T2-H120	100-0133	214529



ELECTRICAL CONTROL PANEL



REV	NO.	INITIAL RELEASE	DATE
1	1	02/05/22	JGL
2	2	02/05/22	JGL
3	3	02/05/22	JGL
4	4	02/05/22	JGL
5	5	02/05/22	JGL
6	6	02/05/22	JGL
7	7	02/05/22	JGL
8	8	02/05/22	JGL
9	9	02/05/22	JGL
10	10	02/05/22	JGL
11	11	02/05/22	JGL
12	12	02/05/22	JGL
13	13	02/05/22	JGL
14	14	02/05/22	JGL
15	15	02/05/22	JGL
16	16	02/05/22	JGL
17	17	02/05/22	JGL
18	18	02/05/22	JGL
19	19	02/05/22	JGL
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21	21	02/05/22	JGL
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100	100	02/05/22	JGL

