

SCH300-T2-V80 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 1750 RPM 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 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 Tank Mount
System Capacity*	19.4 SCFM @ 19" Hg. 60 Hz. 16.2 SCFM @ 19" Hg. 50 Hz.
Horsepower (Each Pump)	3 HP
Horsepower (Total System)	6 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: 22.4 230 Volts: 20.3 380 Volts: 12.4 460 Volts: 10.2
Tank Size	80 gallon vertical
Medical Filter Bank (standard)	BOM-MED-MVF15

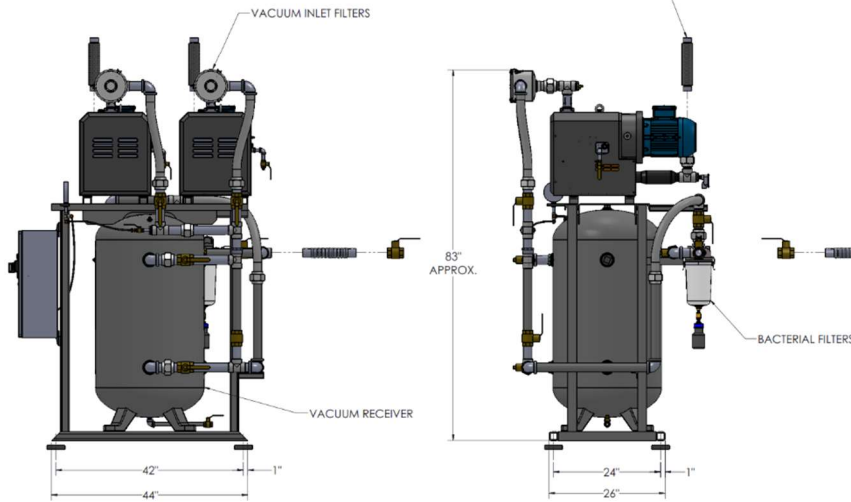
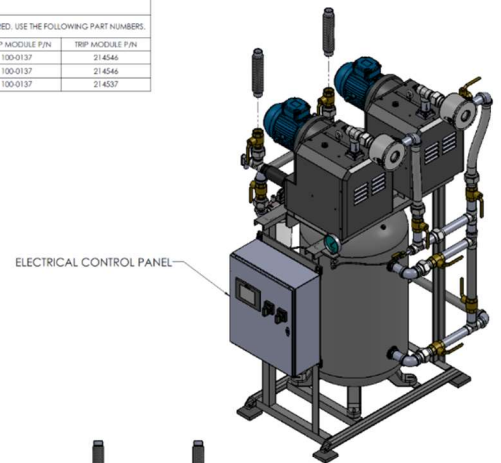
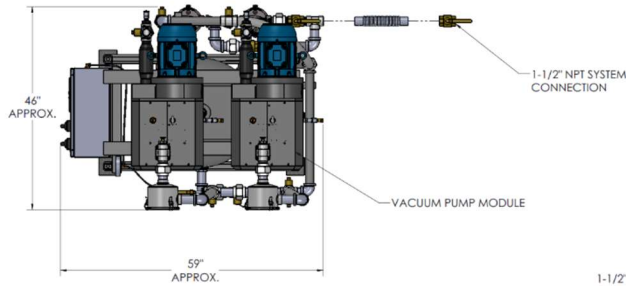


Click here for pump specifications and industry-leading parts support.

*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	3-HP/ACFM @ 15" Hg EACH	3-HP/ACFM @ 25" Hg EACH	DESIGN CAPACITY (815" Hg EACH)	RECEIVER SIZE (GALLONS)	PUMP INLET NPT	ESTIMATED SYSTEM WEIGHT (LB)	NOISE LEVEL (dBA)
SCH300-12V	SCH300-460-T2-V80	3	18.3 / 53	8.3 / 50	19.3	80	1-1/2"	1100	88

TABLE 1			
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	SCH300-208-T2-V80	100-0137	214546
230-40-3	SCH300-230-T2-V80	100-0137	214546
380-50-3	SCH300-380-T2-V80	100-0137	214537



REV	DATE	DESCRIPTION	BY	CHKD
01	10/13/2021	INITIAL RELEASE	F. LOPEZ	
02	10/13/2021	REVISION 1	F. LOPEZ	
03	10/13/2021	REVISION 2	F. LOPEZ	
04	10/13/2021	REVISION 3	F. LOPEZ	
05	10/13/2021	REVISION 4	F. LOPEZ	
06	10/13/2021	REVISION 5	F. LOPEZ	
07	10/13/2021	REVISION 6	F. LOPEZ	
08	10/13/2021	REVISION 7	F. LOPEZ	
09	10/13/2021	REVISION 8	F. LOPEZ	
10	10/13/2021	REVISION 9	F. LOPEZ	
11	10/13/2021	REVISION 10	F. LOPEZ	
12	10/13/2021	REVISION 11	F. LOPEZ	
13	10/13/2021	REVISION 12	F. LOPEZ	
14	10/13/2021	REVISION 13	F. LOPEZ	
15	10/13/2021	REVISION 14	F. LOPEZ	
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