



Industrial Oil-Less Scroll Base Mounted Air System

System Description:

The *Global Vac & Air* Oil-less Scroll Industrial air compressor is built as one scroll compressor, outlet check valve, starter panel, aftercooler, and final water separator mounted on a common base. The system is completely tested before shipment and is built with a single point connection for air discharge, drainage, and system power. The complete assembly is finished in GLOBALVAC white. The system is piped, wired and factory tested prior to shipment.

Oil-Less Scroll Compressor Assembly:

The system includes one air cooled oil-less scroll compressor rated for continuous duty. The compressor is belt driven and requires absolutely no oil. All interconnecting wiring, plumbing, and vibration isolation pads are included. The assembly contains:

- TEFC NEMA Electric motor
- Integral cooling fan and aftercooler
- 5-micron inlet filter with polyester element
- Exhaust high temperature switch
- Inlet & outlet flex connector
- Adjustable motor mounting base to achieve proper belt tensioning

Control Panel:

The system is controlled by a UL labeled simplex mounted and wired control panel.

The control panel is built with:

- 120V control transformer with CB protection for primary and secondary circuits
- Hand/Off/Auto Selector switch
- Door mounted system disconnect
- Door mounted Emergency Stop button
- Pressure switch for auto operation
- Hour meter
- UL508A listed NEMA 12 enclosure
- Alarms for high temperature and motor overload

This system has no air receiver, we recommend ensuring your system has adequate storage capacity to ensure no more than 6 motors starts per hour.



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Model Number*	Pump motor rating (HP)	Maximum Pressure (PSIG)	Capacity @ 100 PSIG (SCFM)**
CC02S-XX	2	116	6.0
CC03S-XX	3	116	8.7
CC05S-XX	5	116	15.1
CC07S-XX	7.5	116	22.3
CC10S-XX	10	116	31.1
CH03S-XX	3	145	7.7
CH05S-XX	5	145	13.3
CH07S-XX	7.5	145	17.7
CH10S-XX	10	145	25.4

*XX in the model number is a placeholder for system voltage. 43=460V/3/60Hz, 23=230V/3/60Hz, 53=575V/3/60Hz

** All data shown assumes 60 Hz electrical supply