Industrial

Enclosed Oil Free Scroll

5-10 HP



Clean Compressed Air with Oil Free Scroll

While utilizing a completely oil free design, the Scroll Enclosure Air Compressor is capable of delivering clean air for any critical operation. Thus, eliminating oil contamination which is one of the leading causes of equipment failure. The Scroll Enclosure Air Compressor operates without oil or lubricant inside the air compression chamber, which increases the lifetime of the compressor and lowers the cost of maintenance for the facility.

Energy Efficient Design

Unlike other compressor technologies, the Scroll Enclosure Air Compressor utilizes the latest premium efficiency motor allowing the compressor to start and stop based on usage. This eliminates the need to operate the compressor unloaded, saving on electrical usage while decreasing wear and tear to the compressor.

Ease of Maintenance

The enclosure utilizes a quick lock mechanism creating ease of access to the unit's critical components without the use of tools.

Quiet Operation

Scroll Enclosure Air Compressor runs quiet; making it suitable to operate in any office or environment.

Options That Meet All Your Compressed Air Needs

Receiver Tanks

We offer Standalone receivers and horizontally mounted complete systems for our enclosed scrolls. All sizes and configurations from 30G - 1060G are offered (Tank mounted units available for scrolls that meet criteria)

- 2 Valve bypass standard and 3 valve Bypasses available
- Manual or Auto Condensate Drains and Y strainers
- Gauge, Safety Valve and Flex connections

Sequencer Panels

- Dryer Controllers and Dewpoint readings
- Control multiple units from one place
- MODBUS and BACNET functionality

Moisture Removal

Moisture separators / Electronic drain assemblies available for Compressors

Desiccant Dryer Assemblies

The Desiccant dryers are available in Heatless or Heated, Simplex or Duplex packages. Standard with Pre-filters, Post Filters, regulators, safety relief valves, Gauges, and integral purge saving control within a three to six valve bypass arrangement.

- Prefilters shall be rated for 0.01 micron and capable of removing both aerosols and particulate. The prefilters shall be mounted and pre-piped with automatic float drain and element change indicator.
- Post filters shall be rated for 1 micron particulate removal and shall be mounted and pre-piped with element change indicator.

Refrigerated Dryer Assemblies

Refrigerated Dryers are available in Simplex or Duplex packages. Standard with Pre-filters, Post Filters, regulators, safety relief valves, Gauges, and integral purge saving control within a three to six valve bypass arrangement.

- Prefilters shall be rated for 0.01 micron and capable of removing both aerosols and particulate. The prefilters shall be mounted and pre-piped with automatic float drain and element change indicator.
- Post filters shall be rated for 1 micron particulate removal and shall be mounted and pre-piped with element change indicator.

Technical Specifications

System Model Number[1]	HP	Capacity (CFM)[2]		System BTU/HR	Noise Level (DBA)	System[3] FLA			Discharge NPT	L/W/H	Weight
		@ 120 PSI	@ 145 PSI			208V	230V	460V			
AE-SCR-05	5	14.1		12,722	58	22	19	10	½"	21.3" x 21.3" x 47.2"	375 lbs
AE-SCR-07	7.5	24	15.5	19,083	62	29	26	13	¾"	29.5" x 26" x 47.2"	386 lbs
AE-SCR-10	10	32	24	25,444	66	37	34	17	¾"	29.5" x 26" x 47.2"	397 lbs

[1] Specify Scroll Pressure Rating 120 / 145
[2] Capacities shown are for one unit
[3] FLA shown is based on single Fixed speed unit

Dimensions

AE-SCR-05



AE-SCR-07 & AE-SCR-10



NOTES:

- Inlet/discharge flex connections come standard with each system - shipped loose for field installation.
- Steel plates and vibration pads shipped loose for field installation.