



350-500 HP ROTARY SCREW COMPRESSORS

Electra Saver®

Decades of Dependability

The engineering ingenuity of Gardner Denver began in 1859. For over 150 years, our compressed air products have been a dependable resource for meeting the world's most demanding and ever-changing industrial needs. Featuring direct drive and premium efficiency motors, the Electra Saver® compressors provide the most durable and efficient drive train money can buy.

Bigger is Better

Featuring super-sized bearings and up to 40% larger airends than the competition, the Electra Saver® is not only bigger, it is better. The larger airends, running at slower speeds, maximize efficiency and reduce mechanical wear and tear, while the permanent alignment of the airend and motor ensure maximum coupling and bearing life.

Leading in Energy Savings

Over 40 years ago, Gardner Denver introduced the patented Turn Valve™ technology - the most efficient part load capacity control system in the industry. With infinite positions in an operating range of 40% to 100% capacity, compressor efficiency is maximized because the Turn Valve™ airend compresses only the volume of air required without affecting the built-in compression ratio at partial load conditions. This technology eliminates wide pressure fluctuations and massive storage requirements. Backed by proven reliability, the simple design eliminates complicated electronics and intricate valving. Shatter the competition with energy savings and reliability when you choose an Electra Saver® from Gardner Denver.

Gardner

Denver

ELECTRA SAVER 350-500 HP ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz				NOISE LEVEL ¹	WEIGHT		DIMENSIONS L x W x H IN. (MM)
			NOMINAL PRESSURE		FAD		NOMINAL PRESSURE		FAD					
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN				
SAV-350	350	260	100	6.9	1800	50.99	100	6.9	1684	47.71	84	14200	6441	
			125	8.6	1390	39.38	125	8.6	1434	40.62				
			150	10.3	1120	31.73	150	10.3	1166	33.03				
SAV-400	400	298	100	6.9	2070	56.64	100	6.9	1943	55.04	85	14500	6577	153 x 84 x 78 (3886 x 2134 x 1981)
			125	8.6	1670	47.31	125	8.6	1652	46.80				
			150	10.3	1310	37.11	150	10.3	1414	40.06				
SAV-500	500	373	100	6.9	2580	73.09	100	6.9	2459	69.66	85	15000	6804	
			125	8.6	2050	58.07	125	8.6	2118	60.00				
			150	10.3	1700	48.16	150	10.3	1634	46.29				

1) Noise level, weights and dimensions are for unenclosed models.

Electra Saver® Features (350-500 HP)

- Gear drive, oil flooded, single stage rotary screw air compressor
- AEON 9000SP
- Air and water-cooled
- AirSmart™ microprocessor controller
- Oil cooler/aftercooler: Air-cooled models - heavy duty radiator-type with thermally controlled, totally enclosed fan motor with remote mount NEMA 1 starter; Water-cooled models - heavy duty shell and tube heat exchangers
- cULus listed and CSA approved electronics
- Enclosure: Partial - standard
- Automatic, integral Turn Valve™ part-load control system
- Package mounted moisture separator and trap
- Mounted main motor starter not available
- NEMA 4 electrical enclosure
- ODP main motor; optional TEFC main motor
- ASME coded oil reservoir
- Thermostatic oil control mixing valve
- Stainless steel control lines
- Minimum pressure discharge check valve
- Optional remote mounted air-cooled cooler
- Optional seacoast (air-cooled) or salt water (water-cooled) cooler
- Voltage: 460 / 575 V (3 phase only)

Gardner Denver®

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