

SSR 2-Stage

100 - 500 HP QUIET ENCLOSED

INGERSOLL-RAND®
AIR COMPRESSORS

Ref: 7550.02
Date: 2 August 2012
Cancels: 9 July 2003

Davidson, NC 28036

Point of Manufacture—Davidson, NC, USA
GENERAL INFORMATION — 60 HZ

The SSR 2-Stage compressor is an electric motor driven, two stage, screw compressor complete with accessories piped, wired and baseplate mounted. It is a totally self-contained air compressor package.

The compressor is available at the following horsepower sizes and full load pressure ratings.

Horsepower	100 PSIG (CFM)	125 PSIG (CFM)	140 PSIG (CFM)	200 PSIG (CFM)
100 HP	560	504	470	N/A
125 HP	690	621	580	443
150 HP	825	743	693	548
200 HP	1100	990	924	735
250 HP	1380	1249	1167	960
300 HP	1685	1476	1428	1185
350 HP	1899	1740	1669	1366
400 HP	2200	1991	1924	1543
450 HP	2405	2245	2099	1739
500 HP	2600	2425	2266	1879

Standard Equipment

- Two-stage, oil-lubricated airend with tapered roller bearing
- High Efficiency motor, Class F insulation, 115°F ambient rated
- Rugged, proven integral three gear drive with vibration isolation system
- Efficient coolant separation system (less than 2 ppm carryover)
- Factory fill of exclusive Ingersoll Rand Premium Compressor Coolant
- Choice of integral aircooled coolers (Remote on 500) or watercooled design
- Aircooled or watercooled aftercooler
- Mounted (remote on 400, 450 and 500) Star Delta motor starter
- Intellisys Microprocessor control system with Stepper Motor
- Power-saving Intellisys ACS Control with on-line/off-line and upper range modulation control
- Intellisys LCD Display and Membrane Touch Panel
 - 12 Normal Operation Information Displays - 6
 - Fault Warning
 - 16 Fault Shutdowns
- Protective Controls - Air pressure relief - Minimum pressure/check valve
 - High temperature shutdown
- Quiet Enclosure

Optional Equipment

- Alternate Coolants
- Power Outage Restart Option
- Thermostatic Water Valve (watercooled)
- TEFC motor
- Premium Efficiency Motors (ODP and TEFC)
- High voltage motors
- High dust inlet filter
- Low ambient package
- Outdoor modification
- NEMA 4 electrics
- Phase monitor