

125 - 450 HP QUIET ENCLOSED

Ref: 7500.02
Date: 1 August 2012
Cancels: 9 July 2003

Davidson, NC 28036

Point of Manufacture—Davidson, N.C., U.S.A.
GENERAL INFORMATION

GENERAL INFORMATION

The SSR compressor is an electric motor driven, single stage, screw compressor—completely with accessories piped, wired and baseplate mounted. It is a totally self-contained air compressor package.

INTELLISYS READOUTS

Display Standards

- Package discharge pressure
- Package discharge temperature
- Total hours/loaded hours
- Airend discharge temperature
- Injection coolant temperature
- Sump pressure
- Inlet filter condition
- Inlet vacuum
- Coolant filter condition
- Separator element pressure drop
- Modulation % load

Adjustable Operating Parameters

- Off-line pressure
- On-line pressure
- Star Delta transition time
- Stop delay time
- Auto start and stop shutdown time
- Auto start and stop on/off
- Sequencer control on/off
- Remote start and stop on/off

Fault Warnings

- Change inlet filter
- Change coolant filter
- Change separator element
- High airend discharge temperature
- High airend discharge pressure
- Sensor failure 4ATT

Fault Shutdowns

- High airend discharge temperature
- Low unloaded sump pressure
- Low loaded sump pressure
- Starter failure
- Main motor overload
- Fan motor overload
- Control power loss

- Reverse rotation
- Inlet control
- Sensor failure
- Microprocessor failure memory fault
- Remote start failure
- Remote stop failure

Protective Controls

- Air pressure relief
- Minimum pressure/check valve
- High temperature shutdown

Standard Equipment

- Tapered roller bearing airend
- Exclusive dedicated motor with over-size bearings and Class F insulation.
- Rugged, proven integral gear drive with vibration isolation system.
- Efficient coolant separation system (less than 2 ppm carryover).
- Mounted (remote on 400 and 450) Star Delta motor starter.
- Power-saving Intellisys Control with

on-line/off-line and upper range modulation control.

- Integral aftercooler.
- Sound-attenuating enclosure.
- Factory fill of Ingersoll Rand Premium Compressor Coolant.
- Choice of aircooled or watercooled design.
- Intellisys Microprocessor control system with Stepper Motor.

Optional Equipment

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

