

Climate Control

RECIPROCATING AIR COMPRESSORS 1/2 – 25 HP



With today's sophisticated climate control systems, a lot can depend on the performance of an air compressor. Champion air compressors are known world wide for trouble-free operation, long life and built-in efficiencies you can count on to keep them operating smoothly.

The Champion line of specially designed climate control compressors represents years of intensive industrial research and testing. Champion has designed a line of machines suitable to critical industry demands for value and lasting performance, with features others only wish they could offer.

COMPRESSOR PUMP FEATURES

- ▶ Multifinned Cylinders for Cooler Operating Temperatures

- ▶ Integral Cylinder/ Head designed without gaskets to eliminate the possibility of blown head gaskets (Two-Stage Models Only)
- ▶ Large Diameter Finned Tubing is used on our inter-coolers for maximum compressor efficiency (Two-Stage Models Only)
- ▶ Industrial Grade Intake Filter

STANDARD FEATURES

- ▶ Certified Low Oil Carry Over of 2 PPM
- ▶ Low Operating RPM
- ▶ Lower Operating Temperatures
- ▶ Greater Energy Efficiency
- ▶ Inlet Filter Silencers
- ▶ ASME Coded Air Receiver

- ▶ NEMA Rated Electric Motors
- ▶ OSHA Approved Heavy Duty Enclosed Belt Guard
- ▶ Bucket High Receiver Drain and Service Valve
- ▶ 0-300 PSI Air Pressure Gauge on Receiver
- ▶ Factory Fill with ChampLub Reciprocating Compressor Lubricant

AVAILABLE OPTIONS

- ▶ Magnetic Starter
- ▶ Flexible Connectors
- ▶ Automatic Receiver Drain
- ▶ Refrigerated Air Dryers
- ▶ Control Panels
- ▶ Vibration Isolator Mounts



CHAMPION[®]

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Always be one.

OPTIONAL EQUIPMENT

Magnetic Starter

Provides thermal overload protection for the motor.

Flexible Connector

Isolates the compressor from the system piping. Protects the system from any machine vibration.

Automatic Tank Drain

Automatically removes water from the air receiver at the end of each operating cycle.

Refrigerated Air Dryer

Cools the compressed air, thus lowering the dew point to below ambient conditions, eliminating any further condensation.

Control Panel

Special alternator control panel to select and alternate compressors to ensure long compressor life.

Oil Monitor (R-Series Only)

Monitors oil level and will not allow the unit to start and will shut down the compressor in the event that oil level drops too low. Must operate through magnetic starter.

Vibration Mounts

Isolates the compressor unit from the foundation or floor. Reduces noise and protects the unit from any out-of-level floor situation that could cause vibration and damage.



STANDARD WARRANTY

5 Year Motor Warranty

Any Climate Control package purchased with an electric motor is warranted for 60 months from start-up or 63 months from shipment.

1 Year Warranty

On compressor pump and package.

Please see Climate Control Engineering Data Sheets for compressor performance information.



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