15 and 20 Ton S Series

Self-Contained Reliable Cooling

This durable chiller offers an indoor or outdoor design and provides the utmost in reliable operation and precise temperature control. A standard product offering with a wide range of options, this chiller can provide cooling in most applications and is available from 3 - 20 tons of cooling capacity.

Features Included:
- Air-cooled, closed loop
- Indoor or outdoor styles available
- Digital temperature controller
- Hermetic compressor
- Brazed plate evaporator
- Hot gas regulator
- Fused disconnect
- Vertical air discharge
- Cleanable air filters
- Manual bypass
- Fluid level sight glass
- Seamless plastic tank

Indoor Style:
- Ambient 50°F - 95°F
- Water or water/glycol (70/30)
- Carel EZ digital controller
- RAL 7035 powdercoated cabinet

Outdoor Style:
- Outdoor Ambient -20°F to 95°F
- Water/glycol (70/30)
- Ranco ETC digital controller
- Galvanized sheet metal cabinet

High-Flow Package:
- Auto water fill
- Inlet water filter
- High flow pump

Options:
- Auto makeup
- Inlet water filter
- Remotely located controller
- Service/maintenance packages
### 15 and 20 Ton S Series
**SPECIFICATIONS**

*Self-Contained Reliable Cooling*

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<th>S Series</th>
<th>15 TON</th>
<th>20 TON</th>
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<td>460/3/60 @45psi</td>
<td>460/3/60 @80psi</td>
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#### Cooling
- **Refrigerant:** 407C
- **Compressor type:** Scroll compressor
- **Condenser type:** Fin and tube

#### Climatic Data
- **Indoor** and **Outdoor** Models Available
- **Indoor:** 50 to 95°F
- **Outdoor:** -20 to 95°F
- **Noise level:** 82-86 dB(A)

#### Fluid Circuit
- **Cooling capacity (60Hz):** 180,000 Btu
- **Fluid temperature (outlet):** 65°F
- **Temperature stability:** 3°F
- **Cooling medium:** Indoor: water or water/glycol (70/30)  /  Outdoor: water/glycol (70/30)
- **Flow rate:** 60, 60, 60, 60 gpm
- **Pump pressure:** 45, 80, 45, 80 psi
- **Tank:** 86 gal
- **Material construction:** Low density polyethylene
- **Type:** Open to atmosphere
- **Fluid Connections (FNPT):** 2 in
- **Wetted component material:** Non-Ferrous
- **Evaporator:** Stainless steel copper brazed plate
- **Gauge:** Pressure

#### Electrical Data
- **Voltage:** 460 V
- **Phases:** 3 ~
- **Frequency:** 60 Hz
- **Control:**
  - **Voltage:** 115 V
  - **Phases:** 1 ~
  - **Frequency:** 60 Hz
- **Certifications/Standards:** UL1995
- **Full loaded amps:** 49.8 Indoor / 60.5 Outdoor
- **Controller type:** Indoor: Carel EZ  /  Outdoor: Ranco ETC

#### Additional Data
- **Chiller dimensions (WxDxH):** 57 x 60 x 68 in
- **Finish:** Indoor: RAL 7035 powdercoat  /  Outdoor: Galvanized
- **Crated weight:** 1800 lbs

*This is the rated temperature. Temps can vary but will affect capacity - contact factory.*