### 7½ Ton Chiller

**Model #8250, 8251 & 8256**

**AUTOMOTIVE GRADE**

**NOMINAL CAPACITY**
90,000 BTU/hr, 26.4KW (7.5 tons) @ 90°F ambient

**CONTROL**
Digital temperature controller with display

**PUMP**
2HP centrifugal, stainless steel with maximum output of 50gpm @35psi

**BYPASS**
Internal automatic pressure relief valve that allows low outside water flow

**EVAPORATOR**
Stainless steel Brazed Plate mounted external to water tank for easy service access

**CONDENSER**
Air-cooled, dual fan, horizontal intake and exhaust

**FILTERS**
- Washable air intake filter
- Water return inline filter with flush valve

**TANK**
15-gallon non-metallic, heavy wall, seamless, with cover

**WATER MAKEUP**
Automatic, water float valve

**SAFETY SYSTEM**
- Low water flow switch with indicating light
- Low-pressure Freon switch with indicating light
- High-pressure Freon switch with indicating light
- Overload protection for compressor
- Overload protection for water pump

**ANTI-FLOWBACK**
Solenoid valve and check valve prevent flooding when chiller is turned off.

**SERVICE HOT ABILITY**
Can be inspected and serviced while running with all panels removed

**INTERNAL PLUMBING**
Bronze and PVC to eliminate rust

**VOLTAGE**
- **Model 8250**: 480V, 3Ø, 19A full load
  - available 380V, 3Ø, 50Hz on request
- **Model 8251**: 230V, 3Ø, 38A full load
  - available 208V, 3Ø on request
- **Model 8256**: 575V, 3Ø, 16A full load

**SIZE**
50” X 52” X 44” (L X W X H)
Water ports = 1½” NPT

**WEIGHT**
SHIPPING = 1,220 lbs.

**OPTIONS**
- **8001-01**: Manual Water Refill with sight glass and low tank water level safety switch
- **8001-03**: Dew Point Protection control to prevent water condensation from damaging welder transformer
- **8001-07**: Anti-Flowback kit to prevent tank flooding when chiller is turned off
- **8001-12**: Caster set, 5” diameter
- **8001-14**: Stainless steel outer panels - 304 4b grained finish
- **8001-20**: Split system with remote condenser
- **8001-40**: Pump size change for higher pressure and lower flow
- **8001-62**: High ambient kit

**Specifications are subject to change without notice.**

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