10 Ton Chiller

**NOMINAL CAPACITY**
120,000 BTU/hr, 35.2KW (10 tons) @ 90°F ambient

**CONTROL**
Digital temperature controller with display

**PUMP**
3HP 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 8300: 480V, 3Ø, 23A full load
   Available 380V, 3Ø, 50Hz on request
Model 8301: 230V, 3Ø, 45A full load
   Available 208V, 3Ø on request
Model 8306: 575V, 3Ø, 19A full load

**SIZE**
50" X 52" X 44" (L X W X H)
Water ports = 1¼" NPT

**WEIGHT**
Shipping ≅ 1,285 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

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**AUTOMOTIVE GRADE CHILLERS**

Designed to operate 24/7 under the most demanding industrial conditions. These chillers are for inside installation with ambient temperature between 40°F and 100°F.

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Specifications are subject to change without notice.