



20-TON: MODEL #8450, 8451, 8456 CHILLERS:

AUTOMOTIVE GRADE chillers designed to operate 24/7 under the most demanding industrial conditions. These chillers are for inside installation. Outside and split versions are available on request.

MODULE DESIGN: Consists of two 10-ton modules with water pump in one module and water tank in the second. All interconnecting plumbing and control lines supplied.

- **NOMINAL CAPACITY:** 240,000 BTU/hr (20 tons) @ 90°F ambient
- **CONTROL:** Digital temperature controller, staged for maximum efficiency
- **PUMP:** 5HP centrifugal, stainless steel with a maximum output of 180gpm @35psi
- **BYPASS:** Internal pressure set, allows low external water usage
- **EVAPORATOR:** Stainless steel brazed plate, external to tank
- **CONDENSER:** Air-cooled, dual fan, horizontal intake and exhaust
- **FILTERS:** Washable air intake and water return filters provided
- **TANK:** 60-gallon non-metallic
- **WATER MAKEUP:** Automatic, water float valve
- **SAFETY SYSTEM:** Low Water Flow interlock switch
 - Low and High Freon safety system and indicating lights
 - Overload protection for compressor and water pump
- **ANTI-FLOW BACK WATER SYSTEM:** Solenoid valve and check valve prevents flooding when chiller is turned off.
- **SERVICE HOT ABILITY:** Can be inspected and serviced while running with all panels removed
- **VOLTAGE:** **MODEL 8450** =480V, 3Ø, one module 25A, one module 20A, full load
MODEL 8451 = 230V, 3Ø, one module 49A, one module 40A, full load
MODEL 8456 = 575V, 3Ø, one module 21A, one module 17A, full load
- **SIZE:** 2 modules each 50" X 52" X 44" (L X W X H) field spaced 18" apart.)
- **WEIGHT:** Approximately 2,260 lbs. total weight