

Chiller Features Include:

- 40°F minimum tank temperature.
- Microprocessor controlled, air-cooled liquid chiller utilizing scroll compressors, low sound fans and Micro-channel condenser coil with E-coating.
- Factory assembled, single-piece chassis.
- Heavy duty galvanized steel frame, and cabinet shall be galvanized steel casing with baked enamel powder coated or pre-painted finish.
- Condenser fans shall be direct-driven, 11 blade airfoil cross-section, reinforced polymer construction, shrouded-axial type.
- Refrigeration circuit shall include filter drier, moisture indicating sight glass, thermal expansion device, and complete operating charge of both refrigerant and compressor oil.
- Unit controls shall include microprocessor with non-volatile memory, control transformer, on/off control switch, replaceable solid-state relay panels, and controllers. Pressure sensors installed to measure cooler entering and leaving fluid temperature.
- Safety control system shall provide protection from: loss of refrigerant charge, reverse rotation, low chilled fluid temperature, thermal overload, high pressure, electrical overload, and loss of phase. Condenser fan and factory pump motors, have external over current protection.


Electrical & Mechanical Information

Voltage	Phase	Hertz	Operating Current Amps	Circuit Requirement
460	3	60	105	125

Performance

Rated Capacity Tons Per Hour	Gallons Cooled Per Hour 60°F To 40°F	Minimum Water Tank Temperature °F
50	3,600	40

Connections

Water Inlet	Water Outlet
2.5" Groove	2.5" Groove

Weight & Dimensions

Length		Width		Height	
in	mm	in	mm	in	mm
89	2260	96	2438	78	1981
Weight			2355 (lbs), 1069 (kgs)		

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