

# Physical data

30GT	60 Hz			50 Hz	
	225	250	280	225	250
<b>SIZE (tons)</b>					
<b>COMPRESSOR</b>	Reciprocating, Semi-Hermetic				
<b>Ckt A (Qty...Type)</b>	3...6E275 1...6E299	2...6E275 2...6E299	4...6E299	1...6E275 3...6E299	4...6E299
<b>Ckt B (Qty...Type)</b>	3...6E275 1...6E299	2...6E275 2...6E299	4...6E299	4...6E299	4...6E299
<b>Capacity Steps</b>	8	8	8	8	8
<b>REFRIGERANT</b>	R-22				
<b>COOLER</b>	Shell and Tube, Direct Expansion Type				
<b>Max. Design Working Pressure (psig)</b>	235				
<b>Refrigerant Side</b>	300				
<b>Water Side</b>	300				
<b>Inlet and Outlet (in.)</b>	8	8	8	6	8
<b>CONDENSER COIL</b>	Plate Fin, Copper Tube, Aluminum Fin (Optional Copper Fin)				
<b>Type</b>					
<b>CONDENSER FAN</b>	Propeller, Direct Drive, 1.55 kW each				
<b>Type</b>	16	20	22	16	20
<b>Qty</b>					

## Options and Accessories

### Factory-installed options

#### Copper fin coils

**Medium temperature brine operation** — for 15 to 34 F leaving water temperature applications.

**Control option** includes standard features, plus — 7-day time schedule;

8-digit alphanumeric diagnostic display/set point panel, remote mountable (displays evaporator, condensing pressures, actual temperatures); standard return reset; CCN (Carrier Comfort Network) compatible.

### Field-installed accessories

#### Demand limit control module —

Provides 2 demand limit steps:  
1) Between 50% and 100% of maximum compressor displacement; 2) Between 0% and 50% displacement. The external switching device determines when to limit unit capacity.

**Discharge and suction pressure gage panel** — Both pressure gages mounted on a common panel. Each gage equipped with a shutoff valve. Each compressor requires a separate gage panel. Panels mount on top of the chiller control panel. Designed for routine maintenance requiring reading of system pressures.

**Motormaster® head-pressure control** — All 30GT Flotronic™ chillers (either with electronic expansion valve or with factory-option thermal expansion valve) operate at ambient temperatures down to 35 F (1.8 C) without modification. Motormaster accessory permits modification to allow unit to operate down to -20 F (-28.8 C).

**Leaving chilled water temperature reset accessory board** — Permits adjustment of LCWT based on return water, space or outdoor temperature.

**Sensor kit assembly** — For outdoor or space temperature reset of chilled water temperature.

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