

Section II General Information

Description

The CFT Recirculating Chiller is designed to provide a continuous supply of cooling fluid at a constant temperature and volume.

The unit consists of an air-cooled refrigeration system, a sealable reservoir, recirculating pump, and a temperature controller.

Throughout the manual, you will be asked to consult the unit's serial number label or the pump identification label for specific information. Both labels are located on the rear of the unit.

Specifications

Cooling Capacity¹	2500 Watts
Temperature Range²	+5°C to +30°C
Temperature Stability	±0.5°
Reservoir Volume <i>Liters</i> <i>Gallons</i>	6.8 1.8
Unit Dimensions^{3,4} <i>(H x W X D)</i> <i>Centimeters</i> <i>Inches</i>	67.3 x 37.8 x 65.4 26½ x 14⅞ x 25¾
Power Requirements	208/230V, 60Hz 220/240V, 50Hz
Refrigerant	R134a
Pump Capacity	

1. 2100 Watts at 50Hz. Cooling capacity obtained at 18°C. Cooling capacity will vary depending on fluid temperature, ambient temperature, and cooling fluid.
2. Temperature controller can display from 5°C to 30°C.
3. Unit height is measured from the floor to the top of the case. Add 1.3 centimeters (½ inch) to include the height of the thumbscrews on the reservoir access panel.
4. Unit depth is measured from the front of the case to the rear of the electrical enclosure on the back of the unit.