

# Recirculating Chiller Specifications

*Low Temp*

<b>MODEL</b>	<b>HX-540</b>
<b>TEMPERATURE RANGE</b>	-40°C to +25°C
<b>TEMPERATURE STABILITY</b>	±0.5°C
<b>COOLING CAPACITY</b>	
60 Hz Models	7500 Watts at -20°C 25575 BTU/hr at -20°C
50 Hz Models	6000 Watts at -20°C 20460 BTU/hr at -20°C
<b>PUMP</b>	TU-3/6 gpm, 65 psi
50Hz Models	18.8 Lpm, 3.1 bar
<b>RESERVOIR VOLUME</b>	
Gallons/Liters:	5/18.4
<b>DIMENSIONS (H x W x D) In.</b>	44 x 34 x 25 <sup>1/2</sup>
<b>Cm.</b>	111.8 x 86.4 x 64.8
	add 9in (22.8 cm) to depth for electrical enclosure
<b>POWER REQUIREMENTS</b>	440-480V, 60 Hz, 15 Amps 3Ø
50 Hz Models:	380-420V, 50 Hz, 17 Amps 3Ø
<b>SHIPPING WEIGHT</b>	915 Lbs/415 Kgs

Specifications listed for units circulating 60% Ethylene Glycol, 20% water, and fluid with specific heat of .6. Specifications will be affected by changes in temperature, ambient or fluids. Specifications subject to change.

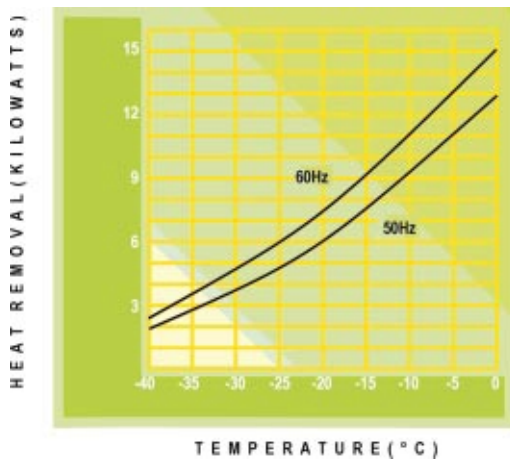
## FEATURES

- High cooling capacity at low temperatures
- Semi-hermetic compressor
- High pressure circulating pump
- Designed for 24 hour, continuous duty
- Hot gas bypass system
- Water cooled condenser

## APPLICATIONS

- Plasma Etch Chamber
- Quenching Fiber Optics Cables
- Chemical and Organic Reactions
- Gallium Arsenide Crystal Growth
- Molecular Beam Epitaxy

### Cooling Capacity



### Pumping Capacity

