

Chiller Circulators

Precise PID Temperature Control from -30°C to 90°C

Various Selection Capacities from 8 L to 30 L

Built in Safety Feature and Easy to use

CFC Free Refrigerant

Powerful Circulation Pump



► **Features :**

Microprocessor PID Controller

- Provides $\pm 1.0^\circ\text{C}$ Set Accuracy
- Uniformity $\pm 0.5^\circ\text{C}$
- Temperature Range from -30°C to 90°C
- 10 step Temperature Programming
99 Cycle function.

Material :

- High Quality Stainless Steel Corrosion Resistant (STS304) Bath & Insulation
- Exterior provides durability (STS 430)
- Easy to maintenance

Protection :

- Over Temperature Protection, Over Cooling, Over Current Protection capability ensure user safety and Protect cooler from damage
- Perforated Cover Protects heater and Sensor, Pump from unexpected damage.

Powerful Circulation Pump :

- Magnetic drive Circulation Pump with Max. flow 20Ltr / min and 4.5 Meters maximum height
- Enhance temperature uniformity of the bath
- Internal and External Circulation can be used

Display :

- LED 4 Digit Display
- CFC Free Refrigerant
- Actual Temperature display
- Auto-Tune enables optimized temperature display
- Timer (99 Hours 59 minutes)
- Error notification in case Temperature sensor malfunction
- Caster Wheels provided for easy handling
- Sensor to indicate lack of Fluid (Optional)

► **Specifications :**

MODEL	5208	5213	5220	5230
Capacity(L)	8 Ltr	13 Ltr	20 Ltr	30 Ltr
Temp. Range	-30°C to 90°C			
Set Accuracy	$\pm 0.1^\circ\text{C}$			
Uniformity	$\pm 0.5^\circ\text{C}$			
Heater	700W	1 kW	1.5 kW	2 kW
Refrigerant	1/4 HP	1/4 HP	1/2 HP	3/4 HP
Controller	Programable Controller (Optional RS-232C PC Interface)			
Display	LED 4 Digit Display			
Pump	Magnetic Drive Circulation Pump, Max. Flow 20 Ltr/ Min. Max. Height 4.5 Meters			
Interior	Stainless Steel (STS 304)			
Exterior	Stainless Steel (STS 430), Stainless Steel (STS 304) is optional			
Safety	Over Temp. Cut Off, Over Current and Leakage Breaker			
Power Supply	110V 60Hz or 220V 50/60Hz			
Bath Dimension (WxDxH)	170x320x150 mm	250x320x150 mm	300x350x180 mm	350x400x220 mm
Top Dimension (WxDxH)	170x140 mm	250x140 mm	300x170 mm	350x205 mm
Overall Dimension (WxDxH)	255x440x650 mm	315x440x650 mm	375x490x755 mm	500x620x865 mm

At any time, the manufacturer may bring modifications to the model above described, for technical or commercial reasons. The picture does not necessary shows the product in the standard version.