



Re-circulator Chillers

FEATURES

- » Cooling capacity up to 600W (recirculator series)
- » Operating temperature 0 – 40°C (recirculator series)
- » Cooling capacity up to 800W (immersion series)
- » Operating temperature -20 – 30°C (immersion series)
- » Easy to read LED display located on the front panel for water level, pressure and temperature control
- » PID Control
- » Safety feature for protection against over pressure and compressor overload, with automatic shut off when ventilation is poor
- » Temp stability $\pm 0.1^{\circ}\text{C}$ ($\pm 0.5^{\circ}\text{C}$ Immersion)

APPLICATIONS

- » Laboratory Testing
- » Industrial Processing
- » Sensor Calibrations
- » Bio-Medical Testing
- » Laser Thermal Management
- » Component Characterization

Front View

ATS-Chill300V & ATS-Chill600V



ATS-Chill150V



The **ATS-CHILL V** series is a re-circulating system that offers precise coolant temperature control using a PID controller.

ATS-ChillIM201V



Evaporator

The **ATS-CHILL iM** series is an immersion chiller for precise control of the bath temperature by immersing the evaporator in a fluid bath.



Back View
ATS-Chill300V
ATS-Chill600V

Part Number	Temp Range 25°C	Temp Stability	Cooling Capacity Q _{max}	Pump Pressure	Pump Flow Rate	Water Tank Capacity	Overall Dimension (W x D x H)	Power Supply Required	Weight
ATS-Chill150V	0–40°C	$\pm 0.1^{\circ}\text{C}$	150W	0.4 BAR	7-10 L/MIN	1.0 L	230 x 260 x 380 mm (9.06 x 10.24 x 14.96")	AC220V,* 50HZ, 5A	10 kg (22.05 lbs)
ATS-Chill300V	5–35°C	$\pm 0.1^{\circ}\text{C}$	300W	0.6 BAR	15 L/MIN	4.5 L	235 x 475 x 490 mm (9.25 x 18.7 x 14.96")	AC220V,* 50HZ, 10A	23 kg (50.71 lbs)
ATS-Chill600V	5–35°C	$\pm 0.1^{\circ}\text{C}$	600W	0.6 BAR	15 L/MIN	4.5 L	235 x 475 x 490 mm (9.25 x 18.7 x 14.96")	AC220V,* 50HZ, 10A	23 kg (50.71 lbs)
ATS-ChillIM201V	-20–30°C	$\pm 0.5^{\circ}\text{C}$	800W at 0°C 400W at -20°C	0.46 BAR	NA	NA	400 x 415 x 280 mm (15.75 x 16.34 x 11.02")	AC220V,* 50HZ, 6A	25 kg (55.12 lbs)
							Evaporator Dimensions Ø50 x 150 mm		

*available in 110V