

AHP-1200DCP

Air Cooled
Bench Top

Dual Thermoelectric Cold Plate

FEATURES

- Cools and heats two plates independently
- 100-240 VAC universal input
- Low-profile design with ergonomic sloped front
- Quiet operation
- Compact bench top unit, 18.5" X 15.1" footprint
- No compressor, fluorocarbons or filters.
- Virtually maintenance-free operation
- Painted Enameled stainless steel exterior housing
- Rubber feet

COLD PLATE FEATURES

- Precision machined cold plate surface
- Large 13.5" x 13" overall plate area
- Adaptable to various surfaces/coverings
- Use with clear plastic walls or covers
- Behavior Studies
- Habitat studies
- Pain Threshold Studies
- Temperature Range Studies
- Heat/Cold Sensitivity
- Temperature Differential Testing
- Long Term Temperature Exposure
- Heat/Cold Discrimination
- Heat/Cold Transient Studies
- Specimen Storage/Temperature Maintenance
- Histology Sample Preparation
- General Laboratory Cold Plate Use



CONTROL FEATURES

- Independent TC-4300 PID "tunable" temperature controllers
- One shot smart PID control tuning or Adaptive Smart Continuous Tuning
- Heating and Cooling
- Internal RTD sensor
- Remote Sensibility™ switchable exterior sensor
- Multi-segment ramp and soak programmable
- RS-232 communications
- Software for programing, charting and data acquisition

SPECIFICATIONS

MODEL	PART NUMBER	NOTES	CONFIGURATION	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL °	OPERATING AMBIENT °C
AHP-1200DCP	9-34EB-1-0A1	Heat/Cool	Cold Plate/Hot Plate	670-800	100-240	2.5-5.0	50 (22.7)	TC-4300	0-45

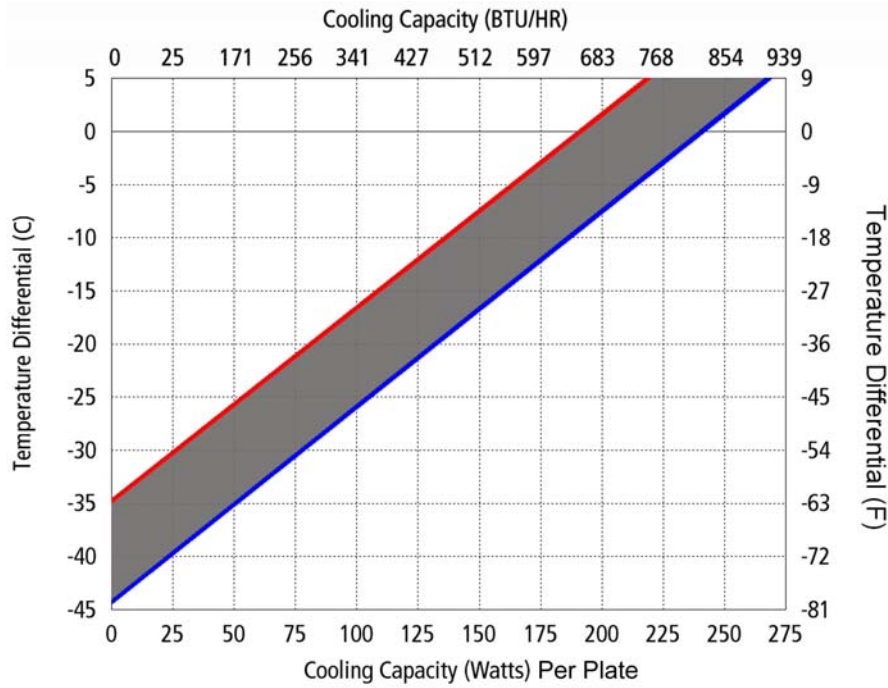
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PERFORMANCE CURVE



AHP-1200DCP

ENVIRONMENTS

- Bench top
- Laboratory
- Industrial

COOLING CAPACITY

200-250 Watts @ 0 °C ΔT (per plate)

Performance varies with cold plate temperature differential.

DIMENSIONS

