LHP-1800CPV | Versatile Cold/Hot Plate

Liquid Cooled
Bench Top

240 VAC Input
800 Watts

FEATURES

- Precision machined anodized aluminum cold plate surface
- Easy clean stainless steel apron
- Cools and heats (-30 °C to 90 °C & 130 °C)
- Low-profile design with ergonomic sloped front
- Easy access coolant fluid ports
- Weighs less than 55 lbs. (25 kg)
- Bench top unit, 15.2" X 19.2" footprint
- Virtually maintenance-free operation
- Painted Enameled stainless steel exterior housing
- Stainless Steel threaded inserts available
- Machinable feature plate and cover accessories

CONTROL FEATURES

- Integral PWM, Bi-directional "tunable" temperature control
- Manually set or autotune to set point for best PID values
- 4 Programmable temperature zones with 4 independent PID settings
- Multi-segment ramp/soak programs with loops
- Internal RTD sensor, built into the cold plate
- Remote Sensibility™ switchable to exterior accessory RTD sensor
- USB communication with easy to use tecaLOG software
- Labview VI examples available

SPECIFICATIONS

MODEL	PART NUMBER	COLD PLATE	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	MIN. COOLANT FLOW L/MIN	COOLANT TEMPERATURE RANGE °C	COLD PLATE TEMPERATURE RANGE °C
LHP-1800CPV	3-05KB-1-0A0	Smooth Surface	240	8	1.5	0 / +50	-30 / +90
LHP-1800CPV	3-05KB-1-TAP	6-32 Tap Pattern	240	8	1.5	0 / +50	-30 / +90
LHP-1800CPV	3-05KB-1-MET	M3 Tap Pattern	240	8	1.5	0 / +50	-30 / +90
LHP-1800CPV	3-05KB-6-0A0	Smooth Surface	240	8	1.5	0 / +50	-30 / +130
LHP-1800CPV	3-05KB-6-TAP	6-32 Tap Pattern	240	8	1.5	0 / +50	-30 / +130
LHP-1800CPV	3-05KB-6-MET	M3 Tap Pattern	240	8	1.5	0 / +50	-30 / +130

Options and accessories available, see CPV accessory pages.

Versatile Cold Plate - Liquid Cooled

LHP-1800CPV

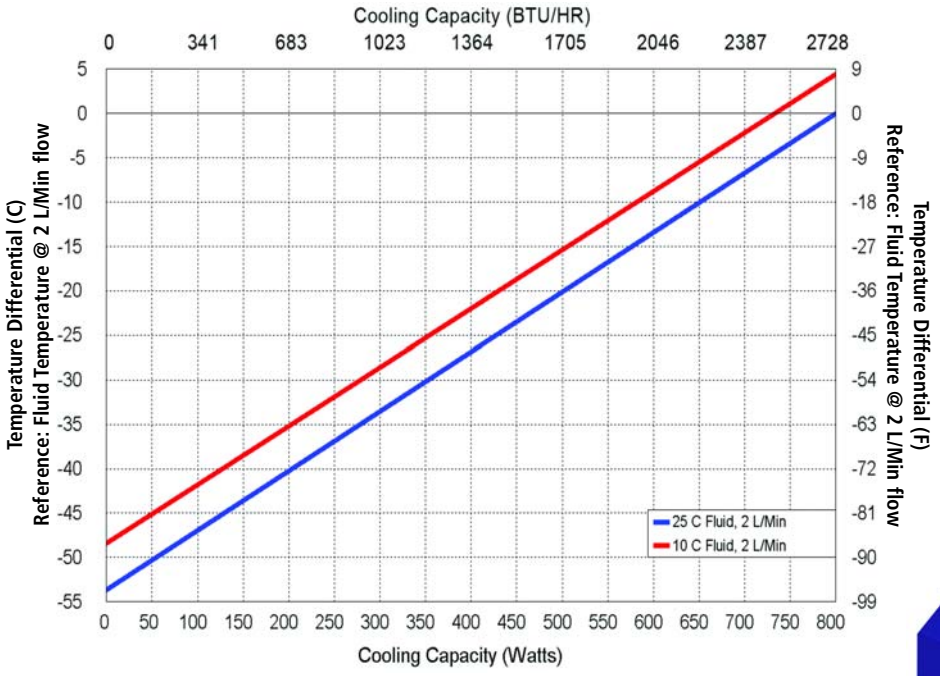
ENVIRONMENTS

Bench top
Laboratory
Industrial

COOLING CAPACITY

800 Watts @ 0 °C ΔT

PERFORMANCE CURVE



Equation of line: y=ΔT(°C) x=Capacity (Watts)		
Fluid Temp	**25°C**	**10°C**
2 L/Min	y=.067x-53.7	y=.066x-48.4
1 L/Min	y=.067x-48.8	y=.066x-43.5

Coolant Flow Circuit

DIMENSIONS