LHP-1200CP | Cold Plate

Liquid Cooled

General Purpose 24 VDC Input

FEATURES

- No moving parts
- Weighs only 20 lbs. (9.1kg)
- Direct contact cooling as much as 48 °C below liquid temperature
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Mounts in any orientation



INCLUDES

- Female 1/4-18 NPT fittings
- Power input leads
- Through bentch top or wall mount
- Copper fluid path (stainless steel optional)

SPECIFICA	TIONS								
MODEL	PART NUMBER	NOTES	PERFORMANCE RATING BTU/HR	VOLTAGE VDC	CURRENT AMPS.	WEIGHT LBS. (KG)	MIN FLOW GPM	TEMP. CONTROL	OPERATING AMBIENT °C
LHP-1200CP	3-3095-0-000	Cool only	1360-1630	24	9.0	20(9.1)	0.3	none	0/+70
LHP-1200CP	3-3055-0-000	Cool only	1360-1630	24	9.0	20(9.1)	0.3	EXT *	0/+70
LHP-1200CPH	C 3-3055-1-000	Heat/Cool	1360-1630	24	9.0	20(9.1)	0.3	EXT†	0/+70

^{*} Unit is set for 5-32 VDC external signal, relay included

[†] Unit is set for 5-32 VDC external signal, H-Bridge quad relay(s) included For stainless steel fluid path contact TECA

PERFORMANCE CURVE

Cooling Capacity (BTU/HR) 256 341 427 512 597 0 85 171 683 768 853 5 0 Temperature Differential (C) - 20 C (68 F) fluid -81 -45 - 40 C (104 F) fluid - 60 C (140 F) fluid -50 -90 25 50 75 100 125 150 175 200 225 250 Cooling Capacity (Watts)

Equation of line: $y=\Delta T(^{\circ}C)$ x=Capacity (Watts)							
Fluid Temp	20°C	40°C	60°C				
Cold Plate Temp	y=.19x-44.0	y=.19x-46.0	y=.19x-48.0				

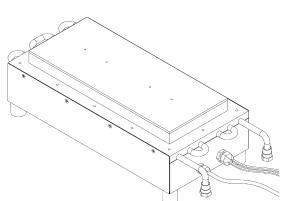
LHP-1200CP

ENVIRONMENTS

Bench Top, Factory, Industrial, OEM from harsh to benign environments

COOLING CAPACITY

260 Watts @ 0 °C Δ T



DIMENSIONS

