

TLC-1200

Air Cooled Liquid Chiller

Air Cooled

General Purpose 24 VDC input

FEATURES

- Two separate fluid cooling circuit
- Weighs only 20 lbs. (9.1 kg)
- Mount thru bench top or enclosure wall
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Mounts in any orientation



INCLUDES

- 3/8" OD Stainless steel tubing
- Internal H-Bridge for reverse polarity operation on HC versions
- Rubber feet
- Power input leads

SPECIFICATIONS

MODEL	PART NUMBER	PERFORMANCE RATING BTU/HR	VOLTAGE VDC	CURRENT AMPS.	WEIGHT LBS. (KG)	MAX OPERATING AMBIENT	HEATING OPTION	TEMP. CONTROL	FLUID TEMP RANGE °C
TLC-1200	6-3095-0-000	830-950	24	9.0	20 (9.1)	50 °C(+122 F)	Cool Only	None	-5/65
TLC-1200	6-3055-0-000	830-950	24	9.0	20 (9.1)	50 °C(+122 F)	Cool Only	EXT*	-5/65
TLC-1200HC	6-3055-1-000	830-950	24	9.0	20 (9.1)	50 °C(+122 F)	Heat/Cool	EXT**	-5/65

* Unit is set for 5-32 VDC external control signal, relay included

** Unit is set for 5-32 VDC external control signal, H-Bridge relay(s) included

TLC-1200

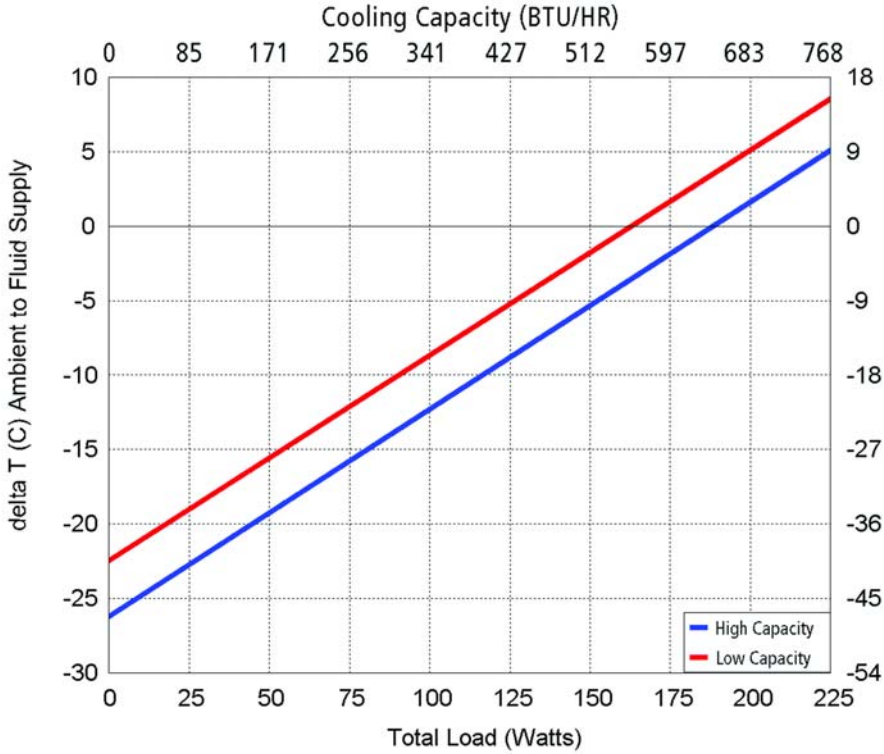
ENVIRONMENTS

- Bench top
- Laboratory
- Industrial

COOLING CAPACITY

215 Watts @ 0 °C ΔT

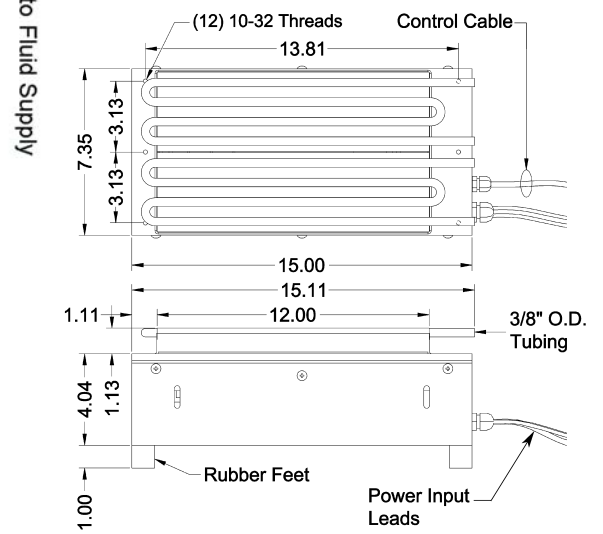
PERFORMANCE CURVE



Equation of line: $y = -\Delta T(^{\circ}C) \quad x = \text{Capacity (Watts)}$

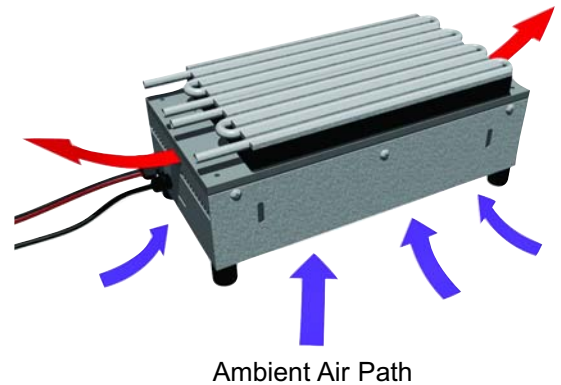
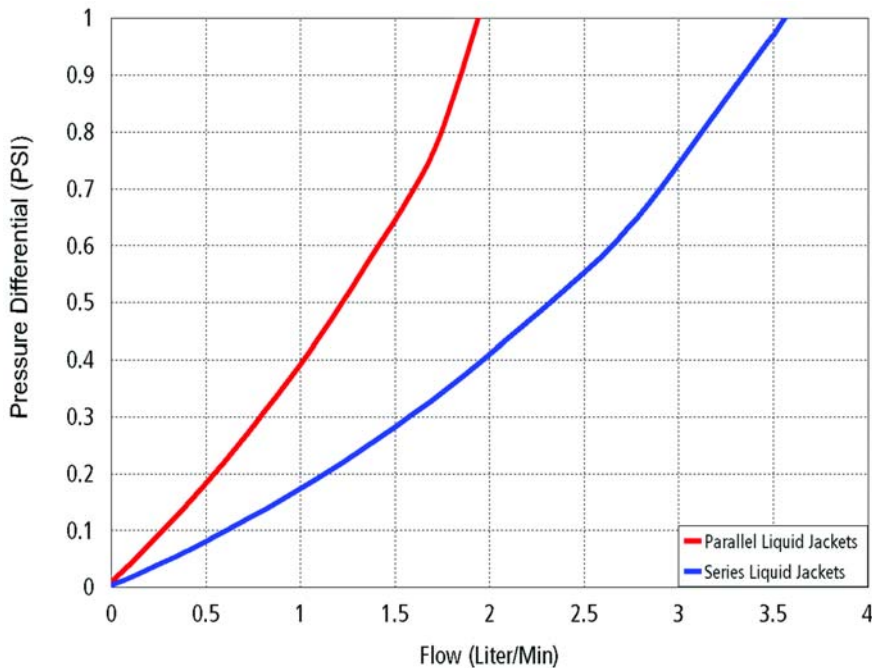
Capacity	Standard	High
Fluid Supply	$y = -0.138x - 26.2$	$y = -0.138x - 22.4$

DIMENSIONS



Dimensions: Inches

FLOW CHARACTERISTICS



Ambient Air Path