

TLC-700 Liquid Chiller

Air Cooled

120 VAC, 230 VAC and 24 VDC
215 Watts

FEATURES

- Compact (only 15.5" X 7.6" bench top footprint)
- Easy prime pump design
- Integral PID "tunable" temperature control
- No compressor, fluorocarbons or filters
- Un-cooled, 500mL reservoir
- Front to back air-flow system
- Stainless steel exterior housing
- Ergonomic sloping front design
- Low fluid level and low flow warning
- Integral power supply
- Self priming pump/reservoir
- Cool and Heat/Cool versions



TC-3300 FEATURES

- RS-232 communications (optional)
- Communications Software (optional)

INCLUDES

- 3/8" ID Hose (12')
- Hose insulation (12')
- 3/8" CPC low pressure drop shut off fittings

SPECIFICATIONS

MODEL	PART NUMBER	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (KG)	MAX OPERATING AMBIENT	HEATING OPTION (HC SUFFIX)	TEMP. CONTROL	FLUID TEMP RANGE °C	AGENCY APPROVALS (ETL)
TLC-700	6-A0D0-0-000	730-800	120 VAC	4.2	32(14.5)	50 °C(+122 F)		TC-3300	-5/65	UL3101-1/CSA22.2, CE
TLC-700HC	6-A0D0-1-000	730-800	120 VAC	4.2	32(14.5)	50 °C(+122 F)	200 Watt	TC-3300	-5/65	UL3101-1/CSA22.2, CE
TLC-702	6-A0D2-0-000	730-800	230 VAC*	3.3	42(19)	50 °C(+122 F)		TC-3300	-5/65	UL3101-1/CSA22.2, CE
TLC-702HC	6-A0D2-1-000	730-800	230 VAC*	3.3	42(19)	50 °C(+122 F)	200 Watt	TC-3300	-5/65	UL3101-1/CSA22.2, CE

* 215-230 VAC input range for 50 Hz
220-240 VAC input range for 60 Hz

TLC-700

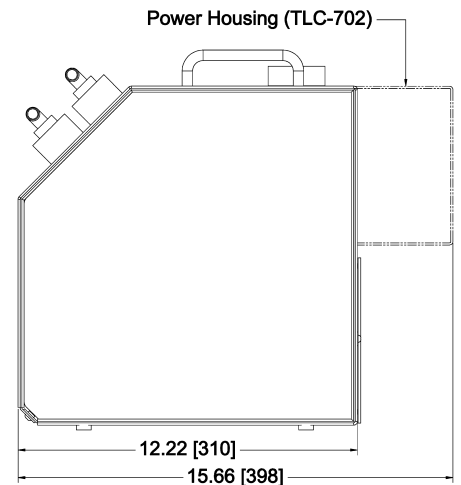
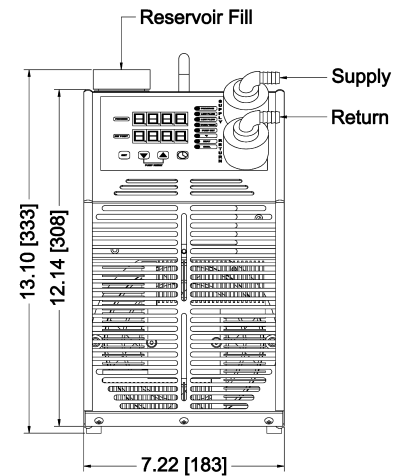
ENVIRONMENTS

Bench top
Laboratory
Industrial

COOLING CAPACITY

215 Watts @ 0 °C ΔT

DIMENSIONS

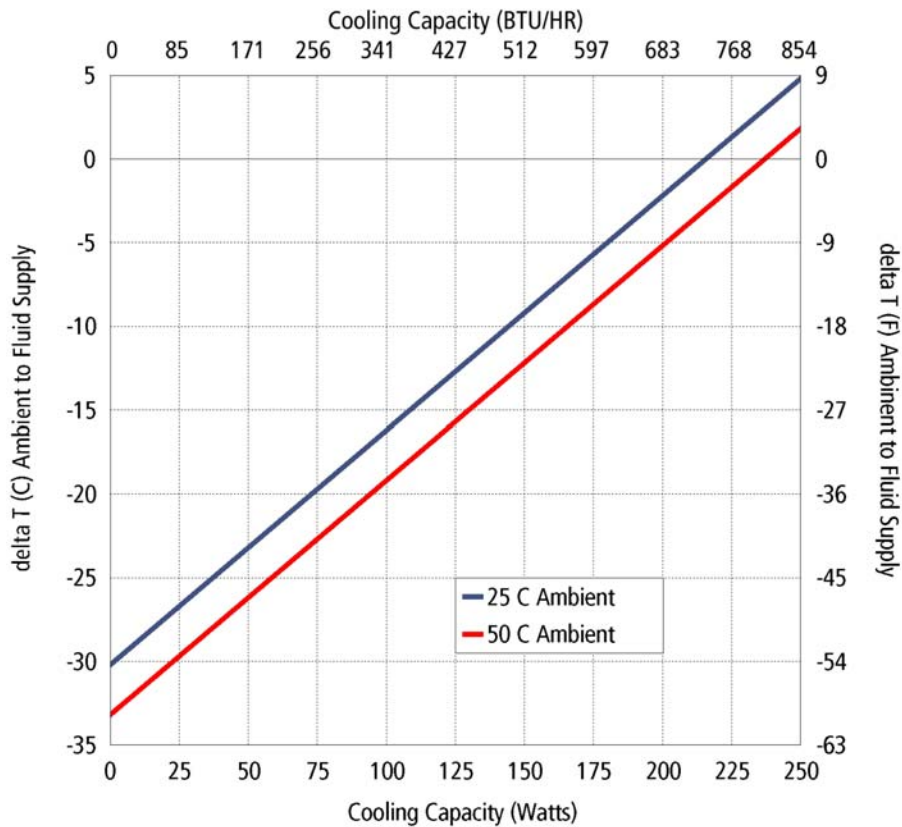


Dimensions: Inches [Millimeters]



Ambient Air Path

PERFORMANCE CURVE



Equation of line: $y = \Delta T(^{\circ}\text{C})$ $x = \text{Capacity (Watts)}$		
Ambient Temp	25°C	50°C
Fluid Supply	$y = .14x - 30.2$	$y = .14x - 33.2$

PUMP CURVE

