

ThermoCUBE

The ThermoCUBE is a compact liquid chiller that is designed for Princeton Instruments' Quad-RO and PI-MTE deep cooled cameras. ThermoCUBE, with a self-contained water reservoir that provides chilled liquid circulation for efficiently cooling the cameras, is ideal for applications that require vibration-free and/or thermally stable environments.

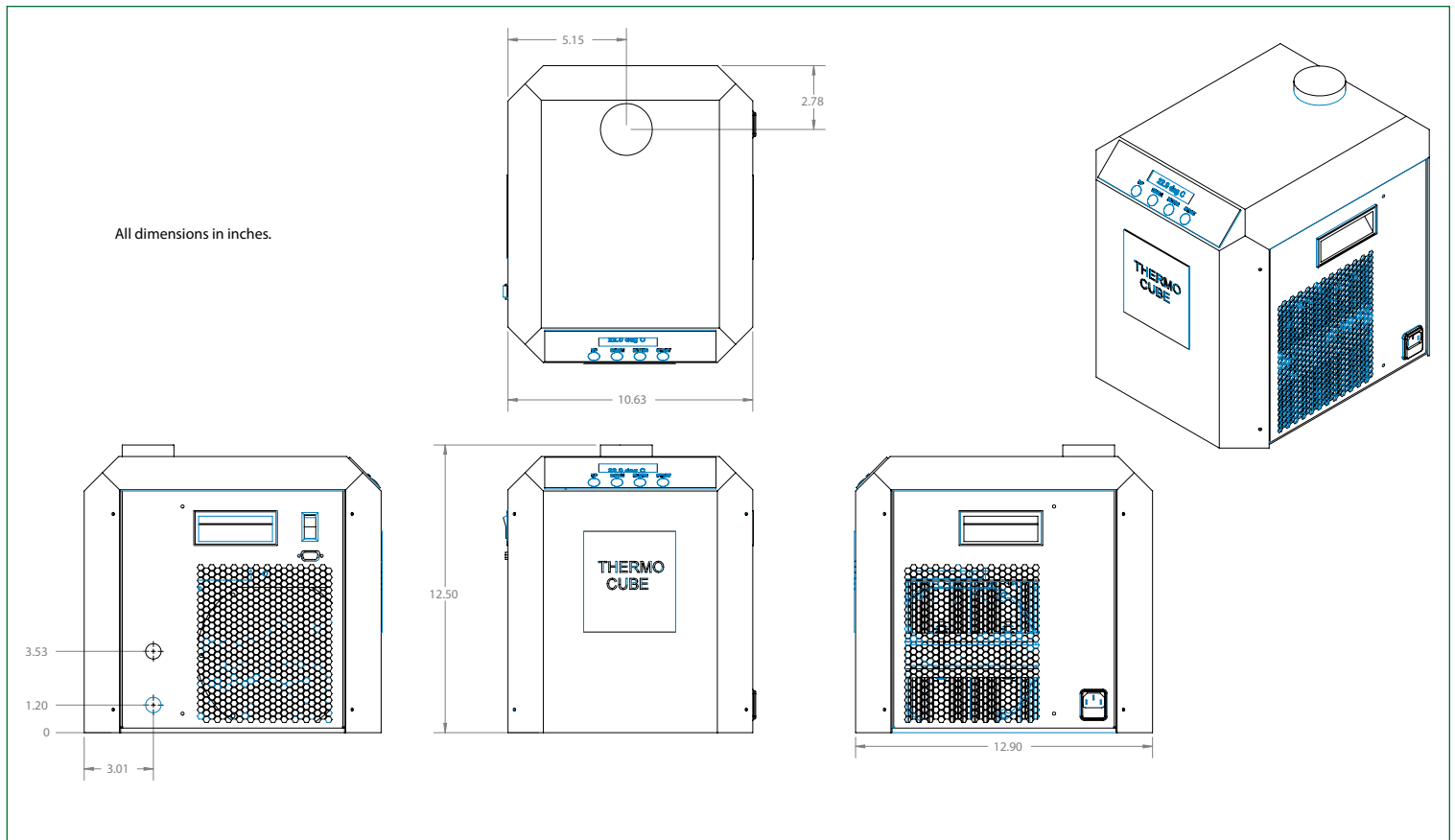


FEATURES	SPECIFICATIONS
Cameras supported	Quad-RO and PI-MTE cameras
Coolant	Water & ethylene glycol (50:50 mixture) at room temperature
Coolant connection type	ThermoCUBE side: Panel mount hose barb fitting (Colder product #LCD16004)
Minimum flow rate	1 liter per minute @ 15 psi
Maximum pressure	50 psi
Power input	85V - 265 VAC, 50/60 Hz, 5.4 A max.
Dimensions (L x W x H)	32.77cm (12.90") x 27cm (10.63") x 31.75cm (12.50")
Weight	12.73kg (28lbs)
Operating environment	+5°C to +50°C, non-condensing
Reservoir	250ml with built-in level sensor
Certification	CE

Applications:

For vibration and thermally-sensitive applications

ThermoCUBE Drawing



Ordering Information

DESCRIPTION	PART NUMBER
Liquid chiller kit for Quad-RO system	8243-0001
Liquid chiller kit for PI-MTE system	8243-0002