

TP21005

Thermoelectric Cooler Assembly



Product Introduction

This product is a cooling assembly that provides refrigeration and heat dissipation by directly contacting the cold plate with the cooling object. The heat is removed from the hot side through liquid cooling and forced convection heat transfer. It is widely used in beauty and medical equipment, as well as laser devices. It is characterized by a compact design, small size, and high reliability.

Main Features




Modular Design




Compact Structure



High Reliability



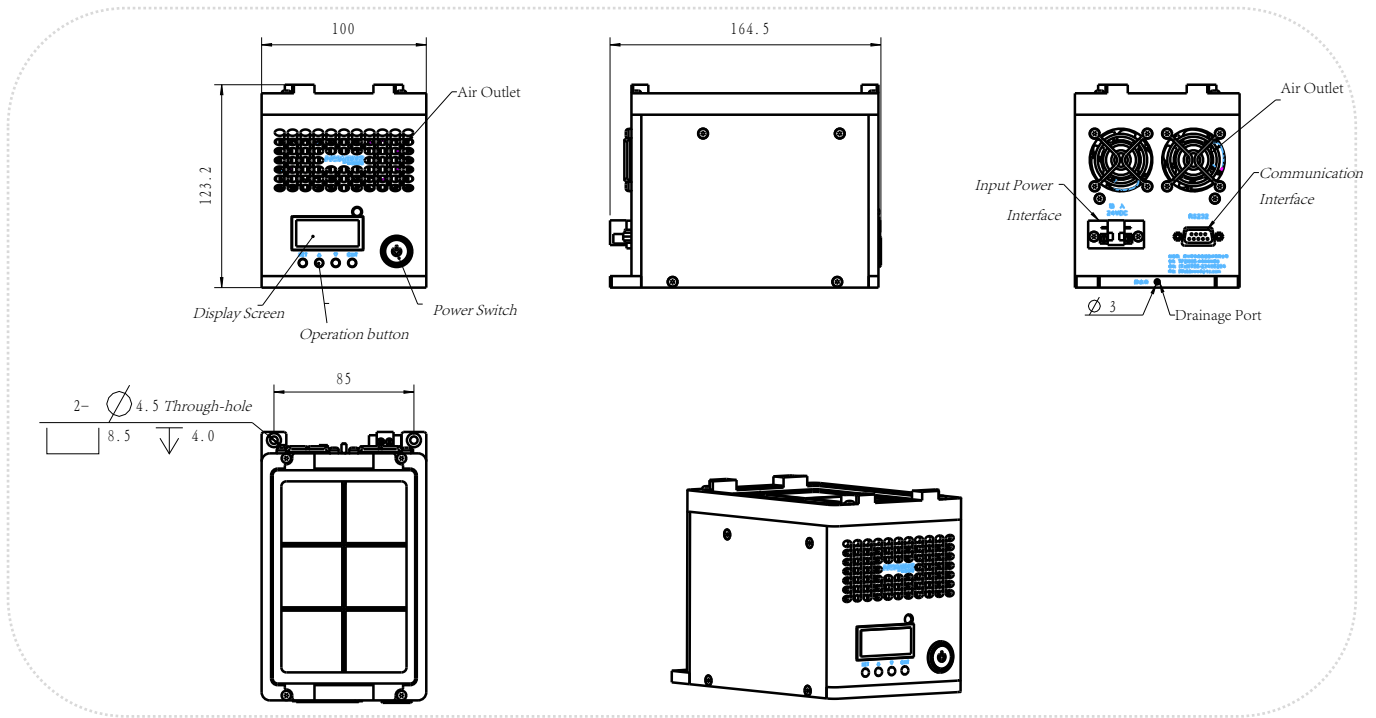
Effective Isolation Seal



Length Of Life

Shenzhen Huajing Temperature Control Technology Co., LTD

Outline Dimensions



Product Parameters

Name	Thermolectric Cooler Assembly
Model	TP21005
Operating Voltage (V)	24VDC
Operating Current (A)	5.0A
Temperature Control Stability (°C)	±1°C
Fan Rated speed (rpm/min)	8500rpm/min
Noise Level (dB)	≤46dB
Connector Terminal	2EDGWC5.08mm-2P
Communication Interface	DP-09M-RS232
Dimensions (mm, L x W x H)	164.5X100X123.2
Temperature Uniformity (°C)	±1°C at 72°C
Operating Temperature (°C)	4°C~90°C
Operating Humidity (%)	15%~80%
Storage Temperature (°C)	-20°C~60°C
Storage Humidity (%)	15%~80%
Net Weight (Kg)	2.0Kg
Applications	Laser/ Numerical Control Medical/ Beauty Testing