

Figure 1. Front View

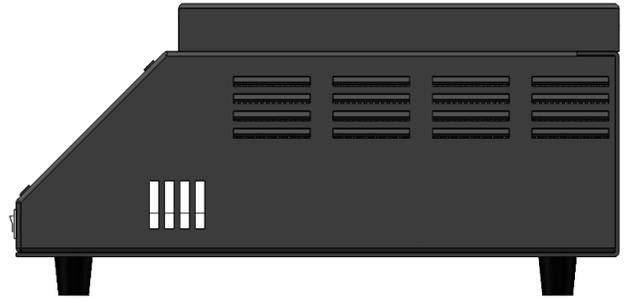


Figure 4. Side View



Figure 2. Stereoscopic View



Figure 5. Back View

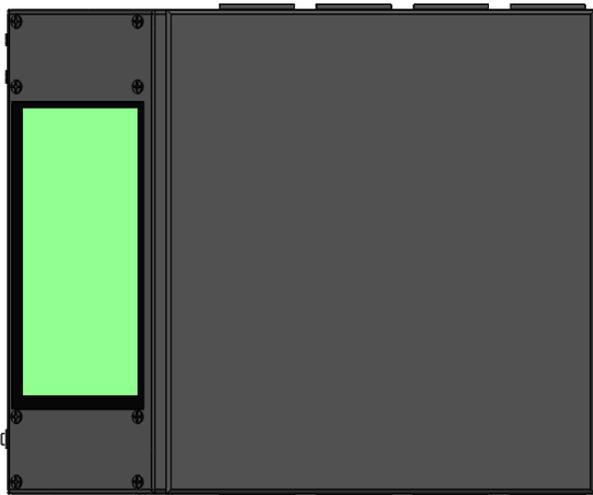


Figure 3. Top View

MAIN FEATURES

- Input voltage: 110-220VAC
- 7-inch Touch Screen
- Parameters Setting
- Long Life High Temperature TEC
- Bidirectional Temperature Control
- Temperature Cycle Control
- Overcurrent, Overvoltage and Overheat Protection
- Over-temperature and Under-temperature Protection Circuit
- Large Platform for Thermal Load:
314.8mm(L)×315mm(W)×152mm(H)
- Wide Temperature Regulation Range: -10 °C to 110 °C
- Temperature Accuracy: 0.1 °C
- 100 % Lead (Pb)-free and RoHS Compliant

APPLICATIONS

It's widely used for temperature control in industry, medical care, scientific research, etc.

DESCRIPTION

ATTP2 is a high performance temperature control air-cooling system specially designed for providing the target object with a high temperature or low temperature environment of a certain temperature, or for cycle control of heating and cooling, etc. The output load is TEC module, which can heat up or cool down objects with high precision, long life time and without noise, wear, vibration and pollution. The TEC controller TEC28V15A drives four high temperature and long life TECs for temperature control. This temperature plate assembly comes with a 7-inch touch screen and parameter setting programs, which can be used for controlling the temperature of the target object according to specific needs.

Note: The platform is made of 6063 aluminum alloy. The material, size and shape of the platform and the specifications of the TEC module can be customized.

OPERATING PRINCIPLE

1. When powering on, the screen will display the platform temperature, TEC voltage and current, etc.
2. On the screen, there are programs for setting parameters. For example, in the heating and cooling program, set the upper temperature limit to 90 °C with a stabilization time of 10 seconds and the lower temperature limit to 20 °C with a stabilization time of 15 seconds, and repeat such cycle for 50 times.

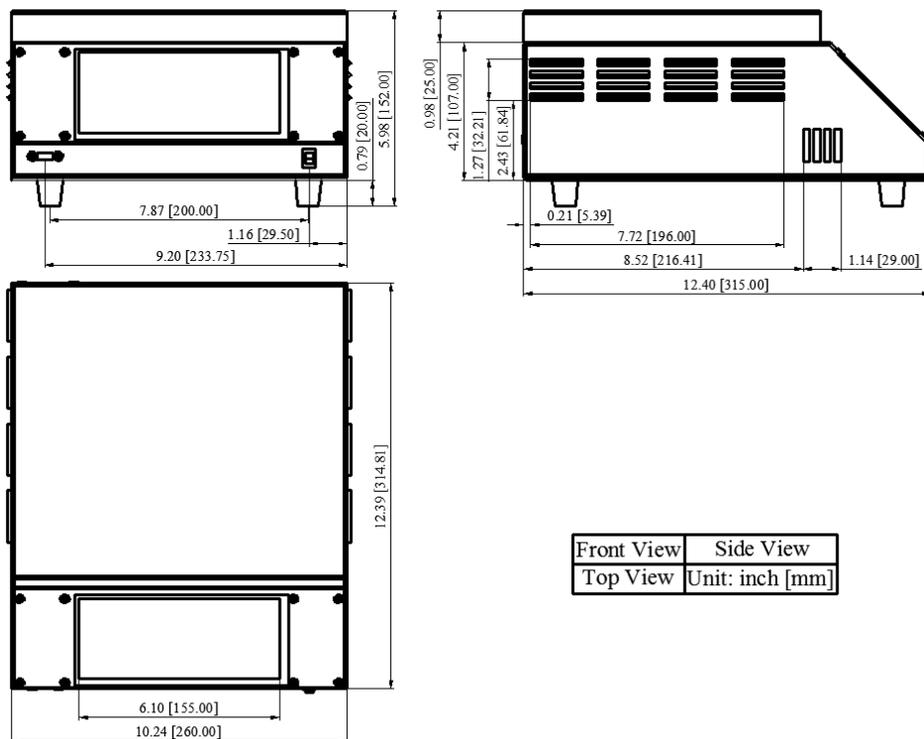


Figure 6. Mechanical Dimensions



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