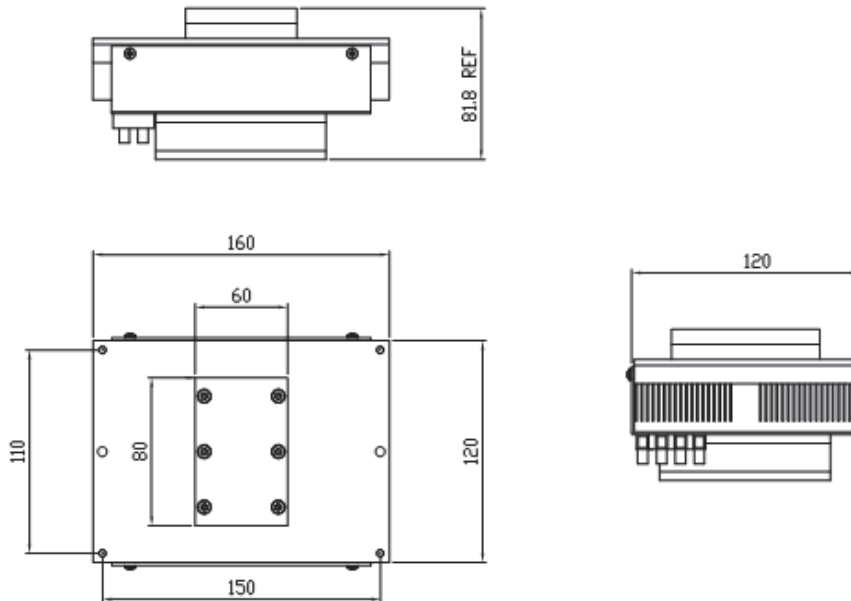


## ATP-050-12

The ATP-050-12 air to plate assembly is designed for cooling and heating parts and materials that can lay on a flat surface. It is ideal for laboratory and industrial applications. It has a compact design and is suitable for a broad range of temperatures. This ATP assembly can be controlled manually with a variable DC power supply and/or a standard temperature controller.

Qmax: 56 Watts at 0 delta T  
Nominal Input: 12Volts 6amps  
Weight:

### 1 - Dimensioned Drawings (mm)



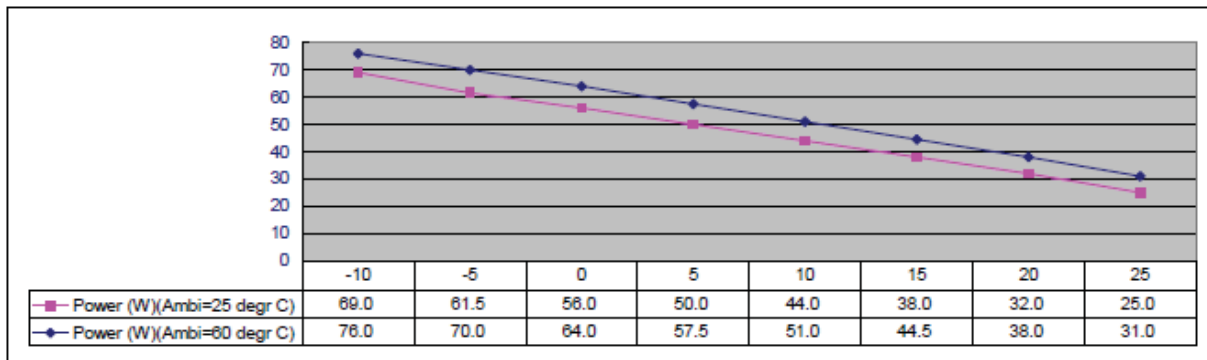
## 2 – Spec:

Item:	#
Part Number	ATP-050-12
Description	Air to Plate cooling system
Cool Power	56 Watts
Input Voltage	12 VDC
Ambient Temperature	-10 to 70 C
TEC Current	8.9A
Peak Current	10.8A
Weight	1.125 Kg (2.48 lbs)
Dimension (LXWXH)	160x123x82mm

## 3 – Performance Curve:

**ATP050-12 TEC conditioner Performance Curve**

Delta T (T ambient- T Cabinet, degree C)	-10	-5	0	5	10	15	20	25
Power (W) (Ambi=25 degr C)	69.0	61.5	56.0	50.0	44.0	38.0	32.0	25.0
Power (W) (Ambi=60 degr C)	76.0	70.0	64.0	57.5	51.0	44.5	38.0	31.0



Delta T (T ambient- T Cabinet, degree C)