



700W TEC AIR CONDITIONER WITH CONTROLLER DATASHEET



TEC Air Conditioner
A70HA1E
Changzhou Chen Tong Yuan Communication Equipment Co.,Ltd
Please read the data sheet carefully before application, and contact us for further technical information
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1. Product Introduction

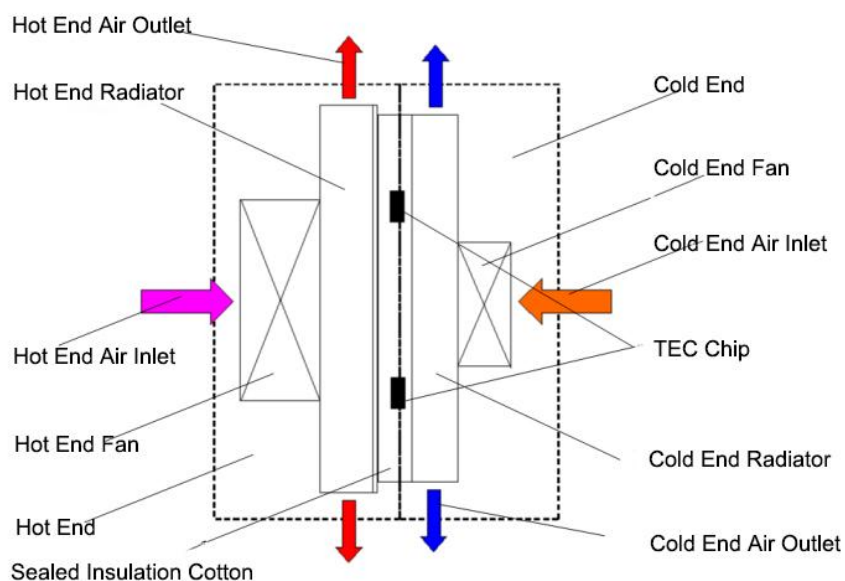
Thermoelectric (Peltier)air cooler can be widely used in enclosed area for climate control,such as wireless communication cabinet,battery cabinet,industry control cabinet.

2. Product Feature

- ◇Refrigeration system is not used refrigerants,few movement part,small volume;
- ◇ Strict process control and international brand parts deployed to ensure high quality and reliable of this product;
- ◇ Installation direction is unlimited, suitable for various occasions;
- ◇The normal working environment temperature is -20 °C to+70 °C;
- ◇Dense toothed profile radiator with good heat dissipation performance;
- ◇High density insulation foam, filling the hot and cold ends of the cooler;
- ◇Temperature setting of overheat protector for hot end radiator+75 °C ± 5 °C.

3. Working Principle

When the DC flow through the circuit, which is formed by different conductor connection in nodes produces endothermic or exothermic phenomenon,this phenomenon called peltier effect . TEC use in this peltier effect . When TEC power on , one side cooling through the fan and the heat sink to absorb heat, contained in the other side of the heating through the fan and heat sink get heat away.



4. Product Parameter

Name	TEC
Model	A70HA1E
Mounting Method	Semi-embedded Mounting
Power Supply	48V DC
Cooling capacity	700W
Power capacity	1000W
Max Noise Level	63dB (A)
IP Grade	IP55
Net Weight	30kg
Dimensions	460*460*283 (mm,W*H*D)

5. Installation Drawing

