

ThermoElectric RF Enclosures



Thermal Testing without Complex Facility Requirements

Most thermal testing options require complex facility preparations and services – liquid nitrogen supply, oil free – clean dry compressed air, etc. For testing scenarios that do not require extreme cold temperatures (i.e. -5°C and upward) ThermoElectric Enclosures are an excellent choice.

These type of enclosure utilize an Air-to-Air thermoelectric cooler assembly that uses impingement flow to transfer heat. It offers dependable compact performance by cooling objects via convection. Heat is absorbed and dissipated through high density heat exchangers equipped with air ducted shrouds and brand name fans. The heat pumping action occurs from custom designed thermoelectric modules that achieve a high coefficient of performance (COP) to minimize power consumption.



Advantages of ThermoElectric Enclosures

- Environmentally Friendly
- Solid State Operation
- Silent Operation
- Compact Design
- Precise Temperature Control
- Energy Efficiency
- No Vibration

