

# HOFFMAN<sup>®</sup> THERMOELECTRIC COOLERS

COMPRESSOR-FREE AIR CONDITIONING FOR SMALL INDOOR OR OUTDOOR ENCLOSURES

## RUGGED, VERSATILE AND COMPACT

Thermoelectric coolers provide effective, reliable operation in demanding and small-space environments where conventional cooling methods are not feasible. By removing heat around critical components within an enclosure, this solution assures equipment protection by improving the lifespan and reliability of your project's electrical components.



Type 3R/4  
IP65



### KEY FEATURES

- **13 standard models** with and without sheet metal shroud for enclosure integration flexibility
- **Peltier effect cooling capacities** from 60 to 200 W (nominal); (204 to 682 BTUs/Hr)
- **Broad operating temperature range** of -40 to 55 C
- **DC powered** operation for 24 V and 48 V applications
- **Filterless design** reduces maintenance requirements
- **Refrigerant-free**; requires no compressor

### APPLICATIONS INCLUDE:

- Pole-mounted enclosures
- Telecommunication battery cabinets
- Industrial enclosures
- Security systems

### TWO KEY OPTIONAL ACCESSORIES INCLUDE:

- **Thermoelectric temperature controller** provides PWM regulation of cooling and heating output, allowing the user to control temperatures automatically
- **Thermoelectric condensate manager** protects electronics from potential condensate buildup by discharging liquids through a vent drain that maintains Type 4 or Type 4X integrity of the enclosure



Thermoelectric temperature controller



Thermoelectric condensate manager



DESIGN WITH CONFIDENCE<sup>™</sup>