

## Self-regulating crankcase heater

When compressors operate in cold areas, refrigerant can migrate into the crankcase oil whenever the compressor is not running. On start-up, this can cause excessive motor wear and a loss of refrigeration efficiency.

FreezGard self-regulating crankcase heaters provide reliable peak heating during critical cold periods and, unlike conventional constant-wattage heaters, reduce their heating once the compressor starts up or the air

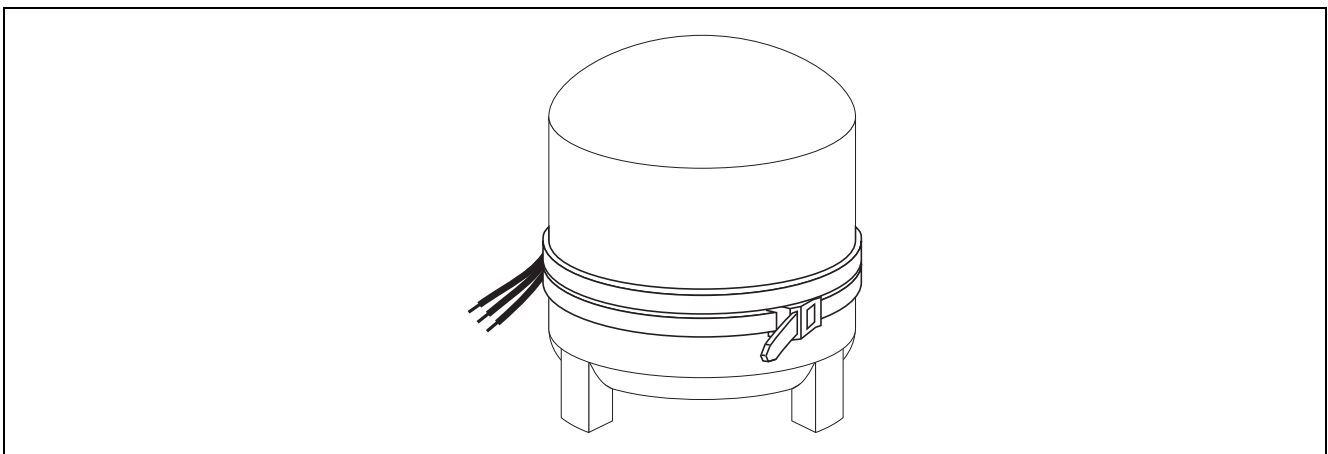
temperature rises. Also, self-regulating heaters can be safely overlapped and closely spaced without burning out; so one size fits all hermetic compressors up to 5 HP that are 40 inches or less in circumference.

Models for both 120 V and 208 to 277 V are available. Each comes with a flexible lock-strap and prestripped 28-inch cold leads for easy connection and hard-wiring. Use only

with refrigeration compressors in nonhazardous areas.

Benefits include:

- Prolongs motor life
- Installs easily
- Works effectively and reliably
- Increases compressor efficiency



### Specifications

Service voltage (CCH-1C)	120 V
Service voltage (CCH-2C)	208–277 V
Power at 50°F (10°C)	32 watts (minimum)
Power at 0°F (–18°C)	60 watts (minimum)
Cold lead wire gauge	18 AWG
Cable width (nominal)	0.615 in (1.56 cm)
Cable thickness (nominal)	0.245 in (.62 cm)
Cable length	48 in (122 cm)
Cold lead length	28 in (71 cm)
Intermittent max. exposure temperature	185°F (85°C)
Insulation jacket type	Modified polyolefin
Girth (wraparound) dimension	40 in (102 cm) or less in circumference

**Approvals**



<b>Bus Wires</b>	16 AWG nickel-plated copper
<b>Braid / Outer Jacket</b>	Tinned-copper braid with modified polyolefin outer jacket
<b>Ground-fault Protection</b>	To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of Tyco Thermal Controls, agency certifications, and national electrical codes, ground-fault equipment protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit protection.

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