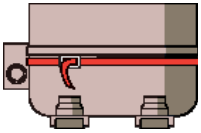
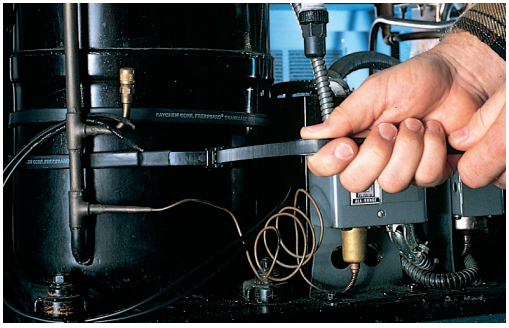
FREEZGARD SELF-REGULATING CRANKCASE HEATERS FOR REFRIGERATION COMPRESSORS PROLONG LIFE AND INCREASE COMPRESSOR EFFICIENCY



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 these critical cold periods and, unlike conventional constant-wattage heaters, reduce their heat output once the compressor starts up or when air temperatures rise, saving energy. Also, self-regulating heaters can be safely overlapped and closely spaced without burning out, so one size fits all hermetic and scroll compressors up to 5 HP that are 40 inches or less in circumference.

Models for 120 V and 208–277 V are available, and each comes with a flexible lockstrap and prestripped 28 inch cold leads for easy connection and hardwiring. Use only with refrigeration compressors in nonhazardous areas.



The FreezGard crankcase heater's self-regulating design automatically varies heat output to maintain adequate oil temperature, while minimizing energy use.

Table 12: FreezGard technical information

Service voltage	CCH-1C: 120; CCH-2C: 208–277
Power output at 50°F	32 watts minimum
Power output at 0°F	60 watts minimum
Cold lead wire gauge (AWG)	18
Cable width (inches)	0.615
Cable thickness (inches)	0.245
Cable length (inches)	48
Cold lead length (inches)	28
Maximum exposure temperature (intermittent)	185°F
Insulation jacket type	Modified polyolefin
Compressor girth (wraparound) dimension	40 inches or less circumference