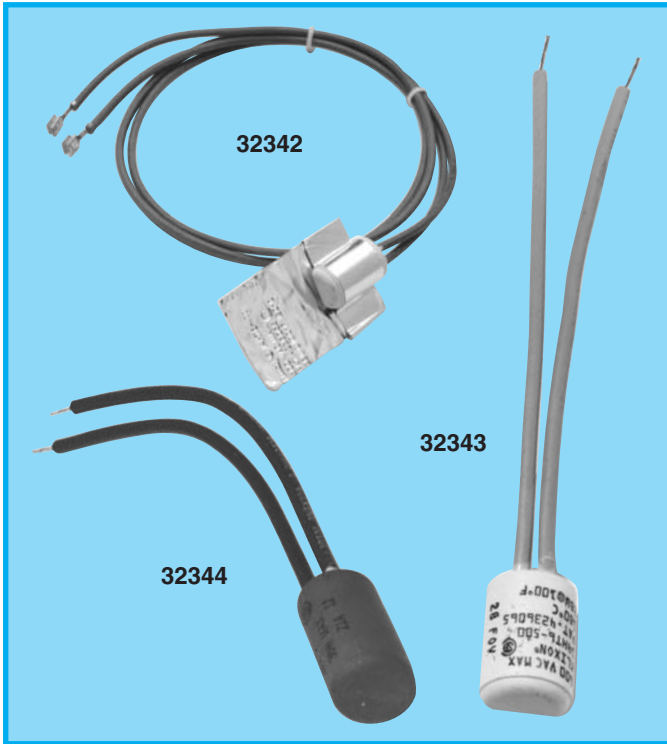


SERIES 324 solid state crankcase heaters

COMPONENT



PTCR crankcase heaters

MARS solid state crankcase heaters are PTCR self regulating devices which perform in a similar manner to a heater and thermostat combination. Unlike conventional resistance heater and thermostat combinations which provide only fully on or fully off operation, MARS solid state crankcase heaters emit heat in proportion to the compressor requirements.

As compressor temperature decreases, current flow through the heater increases causing it to heat up. When the compressor is warm and additional heat is not required, current flow decreases. Only enough electricity is consumed to maintain the correct temperature. MARS solid state crankcase heaters are self adjusting to voltage variations.

application:

MARS 32342 is for use on heaterless compressors to help correct refrigerant migration or as a preventative maintenance precaution. It will replace belly-band heaters on compressors up to 5 HP, 120 and 240 VAC. MARS 32342 attaches to the compressor using high temperature, pressure sensitive aluminum foil. If more heat is required, a second 32342 may be wired in parallel and applied to the opposite side of the compressor.

MARS 32343 thru 32344 are direct replacements for solid state heaters used by Bristol, Copeland and Tecumseh. Number 32343 will fit into a D-shape well in the compressor shell. Number 32344 is the newer style for use in round wells.

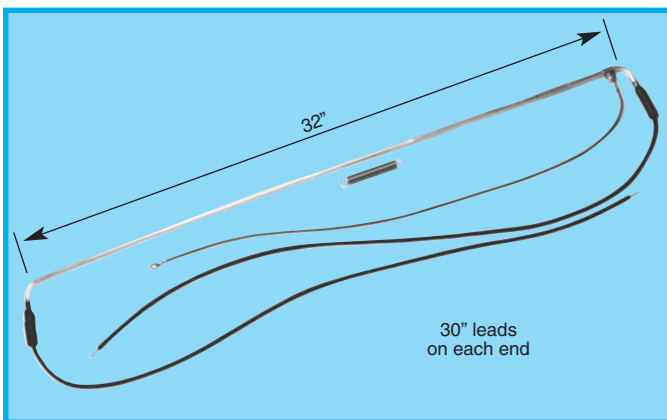
MARS NO.	TYPE	WATTS	VOLTS
32342	Heater with self-stick foil	36	120/240
32343	D-shape for well insertion	40	230
32344	Round for well insertion	40	230

features:

- Total solid state reliability
- Self regulating
- 32342—fast, easy installation
- 32343—32344—replace OEM heaters
- UL E49372, SA5202
- CSA LR46861, LR80111

universal crankcase heater

MARS 32340 universal crankcase heater is for use on air conditioning and heat pump compressors located in cool ambient temperatures, to prevent refrigerant migration. MARS 32340 is a soft aluminum sheath which is formed around the base of the compressor and attached with the supplied mounting spring. This unique design will fit most hermetic compressors used in residential systems.



MARS NO.	TYPE	WATTS	VOLTS
32340	Universal wrap-around	50	230

features:

- Universal application
- Simple installation
- UL and CSA listed