

# Crankcase Heaters

## Direct Replacement Crankcase Heaters for Carrier

Figure 2

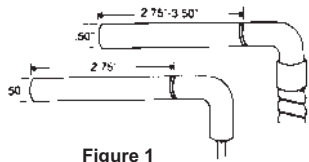
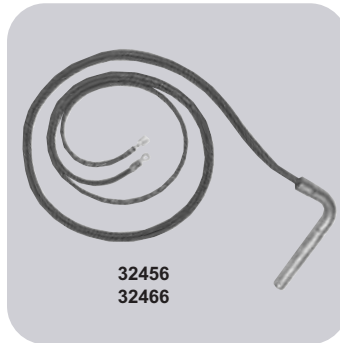


Figure 1



32456  
32466

## Crankcase Heaters for Carrier

MARS NO.	CARRIER NO.	WATTS	VOLTS	HEATER LENGTH IN.	LEAD LENGTH IN.	FIGURE	COMPRESSOR MODEL
32452	HT36DL172	125	120	2.75	25	2	
32456	HT36ES363	75	120	2.75	36.5	1	AB:AC:AD:38AA
32460	HT36NS377	75	120	2.75	88	2	EB:30EA:30HH:30HJ:48DD:50DD
32462	HT36NS477	75	230	2.75	88	2	6D:06D
32464	HT36FS474	75	240	2.75	52	2	EM:6D:06D
32466	HT36XS575	75	240	2.75	36	1	
32468	HT36FL463	125	240	2.75	49	2	
32472	HT36FL379	125	120	2.75	60	2	EM:06DM:306B:50EQ
32474	HT36FL479	125	240	2.75	68	2	EM:06DM:30HR:30HS

## One-On-One™ Crankcase Heaters

Figure 3

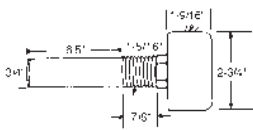
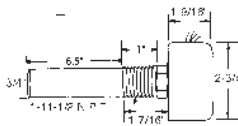


Figure 4



32475  
32476

MARS NO.	OEM	OEM NO.	WATTS	VOLTS	LENGTH	DIA.	FIGURE
32475	Trane	661A-16093-12-4-C	100	115/230	6 1/2"	3/4"	4
32476	Trane	661A-13881-12-4-C	75	115/230	6 1/2"	3/4"	3
32478	Trane	X13140729-01	140	115/230	11"	3/4"	4

## PTCR Crankcase Heaters

MARS solid state crankcase heater is a PTCR self regulating device which performs 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 heater emits 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.

### Features:

- Total solid state reliability
- Self regulating
- 32342—fast, easy installation
- UL E49372, SA5202
- CSA LR46861, LR80111



32342

MARS NO.	TYPE	WATTS	VOLTS
32342	Heater with self-stick foil	35 - 45	600 Max

## Self Regulating Crankcase Heaters

MARS self-regulating crankcase heaters are designed for use with refrigeration compressors up to 5HP and 40 inches in circumference. These heating cables provide peak heat during cold periods and reduced heat when the air temperature rises and should not be used in non-hazardous areas.

- Cold length: 30"
- Heat cable length: 50"



MARS NO.	TYPE	WATTS	VOLTS
70970	Self Regulating	32W @ 50°F • 60W @ 0°F	120
70971	Self Regulating	32W @ 50°F • 60W @ 0°F	240