

# No more oil slugging and resulting compressor failure

TUTCO's compressor heaters, featuring the patented Intimate Fingers of Warmth<sup>®</sup>, provide the industry's most energy efficient method for externally mounted heaters for heating compressor crankcase oil. This unique design, from the world leader in compressor heaters, helps prevent refrigerant migration, oil slugging and resulting compressor failure.

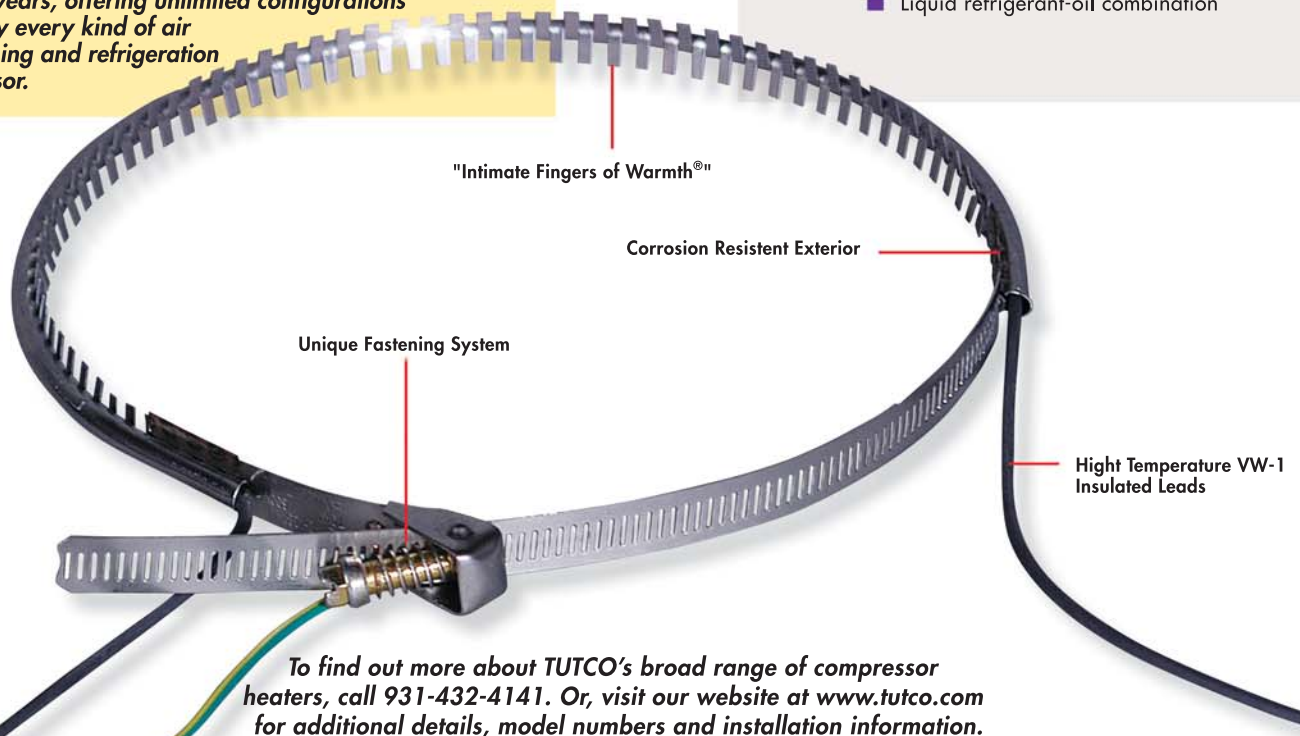
## TUTCO compressor heaters are:

- Extremely flexible for quick and easy installation, no matter the shape of the compressor
- Available for fast delivery
- Supported by the industry's best warranty

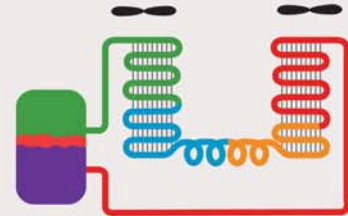
## Product features include:

- Moisture-proof, corrosion-resistant exterior
- High temperature silicone rubber element and VW-1 insulated lead wires rated for 150° C
- Nominal power consumption due to highly efficient heat transmission and low wattage
- Wattage for each model matches compressor requirements
- Voltages through 600
- Recognized by Underwriters Laboratories, Inc. for both the US and Canadian Markets

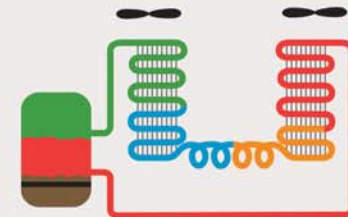
*Tutco has been the world leader in compressor heaters for over 40 years, offering unlimited configurations for nearly every kind of air conditioning and refrigeration compressor.*



## Liquid refrigerant migration



*While temperatures in the compressor and evaporator are the same, vapor pressures are different, allowing refrigerant to mix with the oil in the crankcase.*



*The compressor heater raises the temperature of the oil in the crankcase, reducing the migration of refrigerant into the oil.*

- High temperature high pressure gas
- High pressure high temperature liquid
- Low pressure low temperature gas
- Low pressure low temperature liquid
- Oil
- Liquid refrigerant-oil combination

# TUTCO<sup>®</sup>

APPLIED HEATING TECHNOLOGIES<sup>®</sup>

500 Gould Drive, Cookeville, TN 38506 • (Phone) 931-432-4141 • (Fax) 931-432-4140 • [www.tutco.com](http://www.tutco.com)