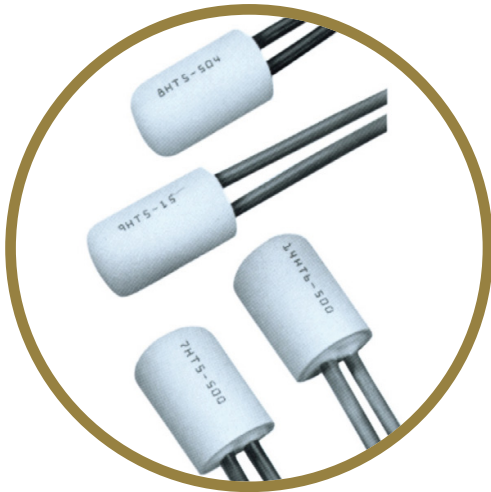


# | 8HT & 9HT SERIES

## Introduction

The 8HT and 9HT series crankcase heaters are multi-voltage, in-well PTC devices. They are designed to eliminate compressor damage resulting from freon mixing with oil by creating a temperature differential between the oil and migrating freon.



## Features

- Energy saving self-regulating PTC heaters - no thermostat required
- Multi voltage capability / 240-600 Vac
- Solid state reliability
- Allows higher compressor E.E.R.'s
- Output increases as ambient decreases
- Self compensates for voltage variations
- PTC element for long life
- UL tested for:
  - Temperature
  - Aging/Endurance
  - Humidity
  - Stability

The in-well design provides excellent thermal coupling to the crankcase oil, minimizing heat loss to the environment. The multi voltage capability eliminates the costly need for inventorying additional heaters.

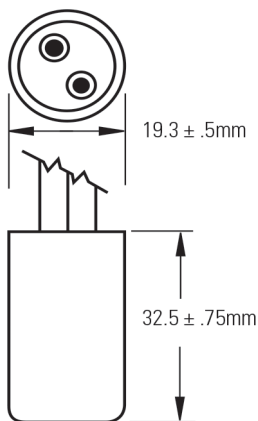
Self-regulating PTC provides for power reduction with temperature rise, without the need for switch controls or thermostats.

All crankcase heaters are manufactured under statistical process control and are 100% tested at 125% of rated voltage for conformance to specifications.

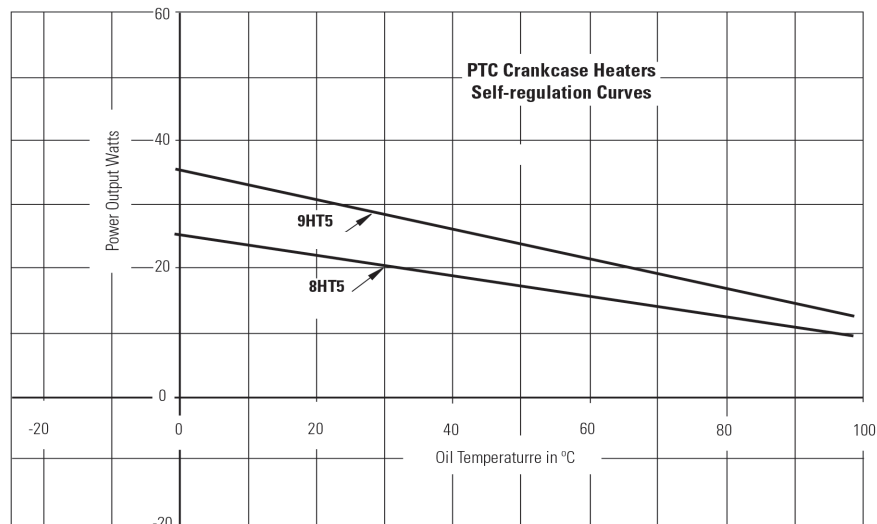
## DIMENSIONS

Dimensions in mm [Inch]

### 8HT, 9HT, Series



## 8HT/9HT Typical Power Output vs. Oil Temperature Curves





## ORDERING OPTIONS

Example: 8HT5 - 501

8HT5 — 501

### Operating Characteristics

watts  
voltage  
case geometry

### Physical Configuration

leads  
adhesive foil



## RATING

| Part No. | Wattage @ 0°C H <sub>2</sub> O | Voltage     |
|----------|--------------------------------|-------------|
| 8HT5-XXX | 25 - 35W                       | 240-600 VAC |
| 9HT5-XXX | 40 - 55W                       | 240-600 VAC |



## AGENCY APPROVALS & CERTIFICATIONS



**UL File No.** E49372, SA5202  
**CSA File No.** LR46861, LR80111

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