



SKU: HSKT4

# Master Series Hard Start Kit for 3.5 to 4.5 Ton A/C Units

**Applications:**  
Designed for use with 1–5 HP, single-phase HVAC/R compressors operating at 208V, 230V, or 265V. Suitable for air-conditioning, heat-pump, and refrigeration systems equipped with reciprocating, scroll, or rotary compressors.

Bluefin hard start kits combine the sensing capability of a potential relay with a start capacitor in a preassembled, two-wire design. They provide additional starting torque, reduce extended startup time, and support instant restarts during demanding operating conditions.

- Product Features:**
- Preassembled, two-wire design
  - Helps reduce startup time and locked-rotor duration
  - Potential relay provides accurate motor-speed sensing
  - Preassembled components simplify installation
  - Compact design fits inside most electrical control compartments
  - Color-coded wires support proper installation
  - Rated component life of up to 50,000 cycles
  - Suitable for new installations and service replacements

- Materials:**
- Phenolic start-capacitor housing
  - Aluminum electrolytic capacitor element
  - Non-PCB dielectric and insulating materials
  - Molded thermoplastic relay housing
  - Insulated copper conductors
  - Plated-metal quick-connect terminals
  - Corrosion-resistant mounting components

- Certifications/Listings/Approvals:**
- UL listed
  - RoHs Compliant



| Specification              | Details                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Product Type               | Compressor hard start kit                                                                         |
| Application                | Single-phase HVAC and refrigeration compressors                                                   |
| Operating Frequency        | 50–60 Hz                                                                                          |
| Capacitor Type             | Electrolytic motor start capacitor                                                                |
| Capacitor Duty             | Intermittent                                                                                      |
| Case Shape                 | Round                                                                                             |
| Terminal Type              | Quick-connect                                                                                     |
| Conductors                 | Insulated copper wire                                                                             |
| Dielectric Material        | Non-PCB                                                                                           |
| Installation Location      | Equipment electrical control compartment                                                          |
| Performance Specifications | UL 810 compliant<br>CSA C22.2 No. 190 compliant<br>RoHS compliant<br>Terminals comply with UL 310 |