



THE ONLY TRULY UNIVERSAL hard-start kits for units up to 5 tons are available with an internal or external potential relay! They also include the CPT® Fuse Wire, which cuts off the motor-start capacitor from the AC compressor **WITHIN 3 SECONDS** of a relay failure, preventing costly damage.

UNIVERSAL HARD-START KITS



Watch our 'First Look' Video



THIS NEW LOOK IS COMING SOON



NOW with the ONLY CPT® Fuse Wire



Protection from Relay Failure
Within 3 Seconds

The CPT® Fuse Wire will cut off the motor-start capacitor from the AC compressor within 3 seconds of a relay failure, preventing costly damage.



Use in conjunction with CPT® on AmRad motor-run capacitors to ensure the best compressor protection.



UNIVERSAL HARD-START KITS



- Made in the USA (Manufactured in Palm Coast, Florida)
- 5 Year warranty for TES5; 3 year warranty for TES5EXT
- CPT® Fuse Wire ensures compressor protection within 3 seconds of a relay failure
- The AmRad Difference:
 - Filled with a thick non-PCB dielectric fluid to reduce heat
 - Rust free all brass terminals
 - 2-wire universal, “low-loss” metallized motor-start capacitor
 - TES5’s built-in potential relay is completely enclosed and watertight; ideal for corrosive environments
- Pairs perfectly with the Compressor Protector Terminal (CPT®) on AmRad’s Turbo 200®, Turbo 200®X and USA Made Capacitors to protect your compressor in the event of a run capacitor failure



| Part Number | Potential Relay | Value Range | Voltage Range | Case Qty |
|-------------|-----------------|---------------|---------------|----------|
| TES5 | Internal | Up to 324 MFD | Up to 330 V | 18 |
| TES5EXT | External | | | 18 |

COLOR CODED EASY INSTALL

- Both models replace 4 commonly used hard-start kits up to 5 tons (wires included)

1. Choose jumper wire for install size

- Up to 1 TON (108 - 130 MFD) No jumper cable needed
- **1 - 2 TONS (189 - 227 MFD)**
- **2.5 - 3 TONS (233 - 280 MFD)**
- **3.5 - 5 TONS (270 - 324 MFD)**



2. Match jumper wire connection colors to terminal colors

3. The CPT® Fuse Wire for 1.5 to 5 TON installs comes already attached to the hard-start

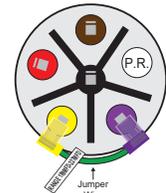
- For up to 1 TON installs, simply replace with the CPT® Fuse Wire labeled for that range

4. Connect to capacitor

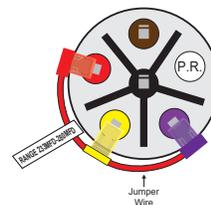
Up to 1 TON



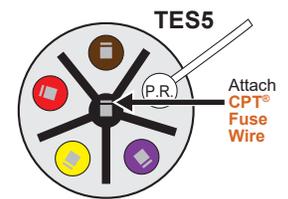
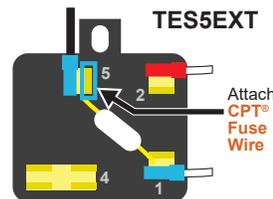
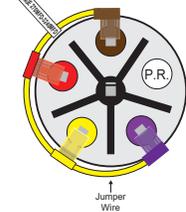
1 to 2 TON



2.5 to 3 TON



3.5 to 5 TON



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