



# TECHNICAL COMMUNICATIONS CENTER

**BULLETIN # SR-260**

**November 5, 2003**



RHEEM AIR CONDITIONING DIVISION  
5600 OLD GREENWOOD ROAD FORT SMITH, ARKANSAS 72908

**TO: ALL RHEEM RUUD WEATHERKING AIR CONDITIONING DIVISION DISTRIBUTORS**

**FROM: RHEEM RUUD WEATHERKING PRODUCT MANAGEMENT AND SUPPORT GROUP**

**SUBJECT: KICKSTART® HARD START KITS**

Effective immediately, the Air Conditioning Division approves the use of Kickstart hard start kits only with Rheem cooling products as an alternative to the OEM start kits listed in the replacement parts lists and in the PROTECH Mini Parts Guide.

OEM start kits are three-wire kits, identified by an SK model number prefix. These kits are typically designed for specific compressor models.

The following Kickstart hard start kits cover the entire line of both past and present single-phase products, making the correct application of kit to unit easier:

- |               |  |
|---------------|--|
| <b>42-TO5</b> | 1 through 3 ton A/C and Heat Pumps   |
| <b>42-KS1</b> | 3_ through 5 ton A/C and Heat Pumps  |
| <b>42-KS8</b> | 1 through 3 ton A/C and Heat Pumps<br>(cap tube and orifice metering devices only) |

Wiring a two-wire Kickstart is fast and simple. With power to the unit disconnected, simply place each of the two-start kit wire with each of the two run capacitor terminals connecting the compressor start and run terminals. See Kickstart wiring diagram for details.

Both Kickstart hard start kits and OEM "SK" start kits are available through PROSTOCK. Kickstart technical support and dealer training is available by contacting PROSTOCK, or Kickstart directly, at 800-896-4659.

We are confident that Kickstart products will reduce the number of compressor complaints received as a result of light dimming, or nuisance tripping of safety devices. Kickstart hard start devices have proven to operate within the design parameters of all single-phase compressors utilized in our residential and light commercial products.

Sincerely,  
RHEEM AIR CONDITIONING DIVISION

Steve Hawkins  
Residential Cooling Product Manager  
Product Management & Support Group

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