

Seentech CSR-U2 Hard Start Capacitor Kit for HVAC Systems

Compatible with 3.5–5 Ton AC Compressors, 189–227 μF , 208–240VAC, 50/60Hz



Broad HVAC Compatibility : The Seentech CSR-U2 hard start kit is specifically designed for 1–3 ton air conditioning compressors, making it an excellent choice for residential and light commercial HVAC systems. Its universal design provides dependable performance across a wide range of units that require additional starting torque.

Improves Compressor Performance : This capacitor and relay kit delivers the necessary power boost to help compressors start more efficiently. By reducing startup time and electrical strain, it helps protect your system from unnecessary wear, lowers energy consumption, and supports long-term reliability.

Detailed Technical Specifications : Engineered with precision to meet HVAC requirements: Round Run shape, rated voltage 208–240 VAC, capacitance 189–227 μF , operating frequency 50/60 Hz, and $\pm 5\%$ tolerance. These specifications ensure stable performance and consistent results under demanding conditions.

Simple and Secure Installation : Pre-wired for convenience, this hard start kit allows for fast and hassle-free installation by certified technicians. Its durable build and compact size make it a practical replacement part, helping you restore full system function with minimal downtime.

Reliable Replacement Component : Designed as a trusted substitute for CSR-U2 compatible hard start devices, this kit offers dependable performance and broad applicability. Ideal for homeowners and HVAC professionals looking for a cost-effective, long-lasting solution to extend compressor lifespan and maintain cooling efficiency.

Technical Details

Manufacturer	Se
Item model number	CSR-U2
Package dimensions	22.8 x 20.1 x 6.1 cm; 380 g



General tips:

For 3.5 to 5 ton HVAC units, a hard start kit with a capacitance range of **189-227 MFD to 270-324 MFD** is required, typically rated for 330 VAC. Common, high-performance, three-wire kits like the CSR-U2 or 5-2-1 Compressor Saver are designed specifically for this range to provide maximum starting torque.

Key Considerations:

Capacity (MFD/ μF): 3.5–5 ton systems usually require 189–227 MFD or 270–324 MFD, depending on the specific model and manufacturer.

Voltage Rating: Must be rated for at least 330 VAC.

Kit Type: 3-wire potential relay kits are generally recommended for superior, safer starting performance over 2-wire thermistor kits.

Compatibility: Designed for single-phase 208/230V systems.