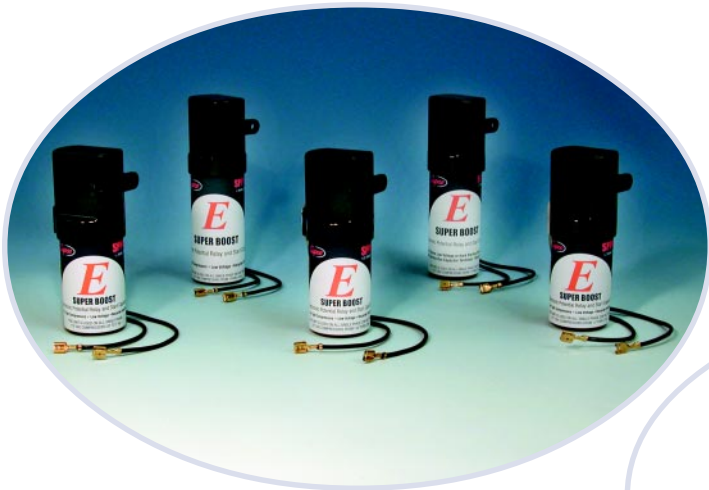




# **E CLASS HARD STARTS**

# **E Class**



Coupling state of the art electronic potential relay technology and a safety timing circuit, the Elite 'E' Class Hard Start series provide the most reliability of any Hard Start devices.

## **BENEFITS**

- Electronic Potential Relay Technology
- Backup electronic timing circuit to protect the compressor
- Voltage sensing
- Instant re-start
- Easy 2-wire connection

## **5 ELITE VERSIONS**

Providing a solution for any HVAC/R application

- |          |                             |             |
|----------|-----------------------------|-------------|
| • SPP4E  | Recommended for 1/8 to 1hp  | 90V - 130V  |
| • SPP5E  | Recommended for 1/3 to 2 hp | 170V - 277V |
| • SPP6E  | Recommended for 1/2 to 3 hp | 170V - 277V |
| • SPP7E  | Recommended for 1 to 4 hp   | 170V - 277V |
| • SPP8E  | Recommended for 1 to 5 hp   | 170V - 277V |
| • SPP9E  | Recommended for 1 to 5 hp   | 170V - 277V |
| • SPP10E | Recommended for 3 to 5 hp   | 170V - 277V |

**SEALED UNIT PARTS CO., INC.**

PO Box 21, 2230 Landmark Place, Allenwood, NJ USA

732-223-6644 • Fax 732-223-1617

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## APPLICATIONS

For use on any single phase air conditioning and refrigeration unit. See specifications below for voltage ranges and recommended equipment sizes.

## SPECIFICATIONS

	Operating Voltage	Equipment Range	Recommended Range	Capacitor
<b>SPP4E</b>	90V – 130V	1/12 hp to 1 hp	1/8 hp to 1 hp	88 – 106 $\mu$ F
<b>SPP5E</b>	90V – 277V	1/12 hp to 10 hp	1/3 hp to 2 hp	43 – 52 $\mu$ F
<b>SPP6E</b>	90V – 277V	1/12 hp to 10 hp	1/2 hp to 3 hp	88 – 106 $\mu$ F
<b>SPP7E</b>	90V – 277V	1/12 hp to 10 hp	1 hp to 4 hp	130 – 156 $\mu$ F
<b>SPP8E</b>	90V – 277V	1/12 hp to 10 hp	1 hp to 5 hp	189 – 227 $\mu$ F
<b>SPP9E</b>	90V – 277V	1/12 hp to 10 hp	1 hp to 5 hp	233 – 280 $\mu$ F
<b>SPP10E</b>	90V – 277V	1/12 hp to 10 hp	3 hp to 5 hp	270 – 324 $\mu$ F/ 330V

## COMPETITIVE COMPARISON

	E Class SPPE's	Kickstart®	ICM 850, 860	PTC Devices
Start Sensing Technology	Voltage	Voltage	Voltage	N/A
Uses Electronic Potential Relay	Yes	No	Yes	No
Instant Re-Start	Yes	Yes	Yes	No
Senses Motor Start	Yes	Yes	Yes	No
Two wire, non-polarized	Yes	Yes	Yes	Yes
Replaces 3-wire capacitor kit	Yes	Yes	Yes	Yes
UL approved	Yes	Yes	Pending	Yes
PTCR Device	No	No	No	Yes
Backup Timing Safety Circuit	Yes	No	Yes	N/A
Potentially damaging to motor windings	No	Yes	No	No
Requires non-replaceable fuse protection	No	No	Yes	No

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