SEALED UNIT PARTS CO., INC.
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E Class Hard Starts

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

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	Recommended Range	Capacitor
SPP4E	90V – 130V	1/8 hp to 1 hp	88 – 106 µF
SPP5E	170V – 277V	1/3 hp to 2 hp	43 – 52 µF
SPP6E	170V – 277V	1/2 hp to 3 hp	88 – 106 µF
SPP7E	170V – 277V	1 hp to 4 hp	130 – 156 µF
SPP8E	170V – 277V	1 hp to 5 hp	189 – 227 µF
SPP9E	170V – 277V	1 hp to 5 hp	233 – 280 µF
SPP10E	170V – 277V	3 hp to 5 hp	270 – 324 µF/ 330V

COMPETITIVE COMPARISON

	E Class SPPE	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