

HARD START KITS

Submittal Information

Part No.	15536-15538
Document No.	SPEC15536
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Revision	01

General Properties

Housing Material: Polycarbonate (PC)
 Housing Color: Black
 Certification: UL
 Operating Voltage: 90–277 VAC
 Rated Voltage: 250 VAC
 Maximum Withstand Voltage: 600 VAC
 Frequency: 50/60 Hz
 Terminal Type: F+P 0.8 × 6.35 quick-connect terminals
 Operating Temperature: -40°F to +149°F (-40°C to +65°C)

Features

- Designed to assist compressor start-up in HVAC and refrigeration systems.
- Helps increase starting torque depending on model selection.
- Durable black PC housing.
- Pre-attached lead wires for installation convenience.

Applications

Suitable for use with:

- Air conditioning condensing units
- Heat pump systems
- Single-phase compressor start-assist applications
- HVAC service and replacement installations

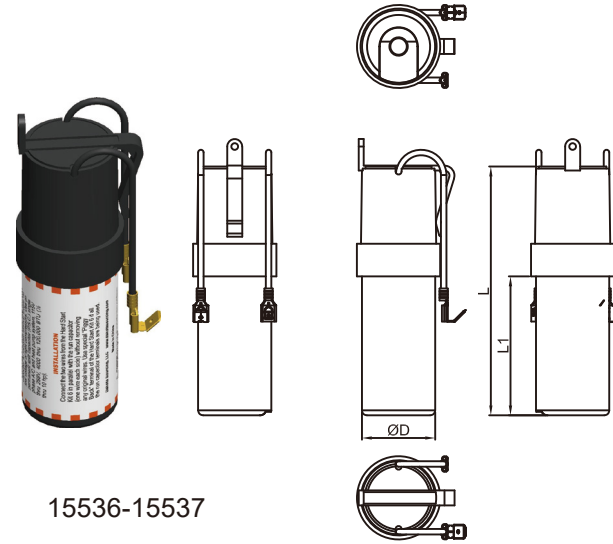
Installation

Must be performed by a qualified HVAC technician.

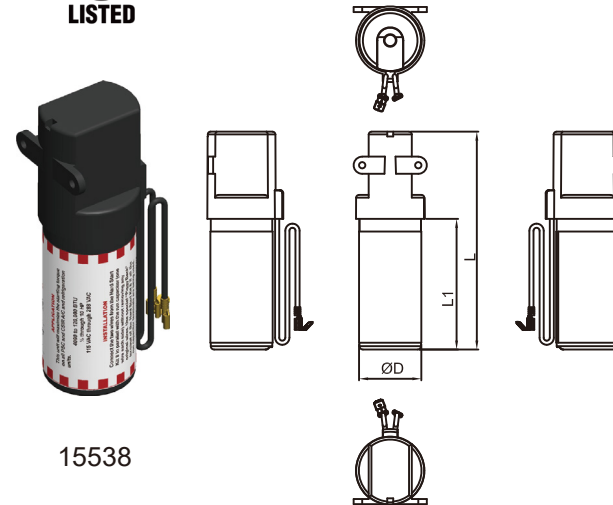
General connection method:

1. Disconnect power to the equipment.
2. Verify all electrical components are discharged.
3. Locate the compressor run capacitor.
4. Connect the hard start kit leads to the appropriate run capacitor terminals according to the wiring diagram.
5. Secure the hard start kit in a suitable location inside the control compartment.
6. Restore power and verify proper compressor operation.

Important: Always follow local electrical codes, equipment manufacturer instructions, and applicable safety requirements.



15536-15537



15538

Item No.	Model Description	D Ref.	L Ref.	L1 Ref.	Weight
15536	5 Hard Start Kit	1.46 in	5.00 in	2.78 in	114 g
15537	6 Hard Start Kit	1.81 in	6.00 in	3.80 in	184 g
15538	8 Hard Start Kit	1.81 in	6.38 in	3.82 in	257 g

Item No.	Starting Capacitor	Lead Wire	Starting Torque Rating	Applicable Compressor Range
15536	43–52 MFD 250VAC	18 AWG, 24.5 in × 2	Up to 300%	1/2–5 HP / 4,000–60,000 BTU
15537	130–156 MFD 250VAC	18 AWG, 24.5 in × 2	Up to 500%	1/2–10 HP / 4,000–120,000 BTU
15538	189–227 MFD 330VAC	18 AWG, 30 in × 2	Up to 690%	1–10 HP / 4,000–120,000 BTU, recommended 1–5 HP

Note: Specifications may change without notice. Verify equipment compatibility before installation.