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Model Number: SDP0104009
DriStorm Suntec SDP0104009 Compressor Capacitor 55 ÂµF 450 VAC for Dehumidifiers
Manufacturer: Clean Storm

DriStorm / Suntec Dehumidifier Compressor Capacitor
55 µF 450 VAC – Part SDP0104009
Replacement compressor run capacitor for select DriStorm and Suntec commercial dehumidifiers using part number SDP0104009.
This capacitor helps the refrigeration compressor start and operate efficiently by supplying the electrical phase shift required by the compressor motor. A weak or failed capacitor may prevent the compressor from starting, cause intermittent refrigeration operation, or make the compressor overheat.
Product Specifications

- Suntec Part Number
SDP0104009
- Part Type
Compressor motor run capacitor
- Capacitance
55 µF
- Tolerance
±5%
- Voltage Rating
450 VAC
- Frequency
50/60 Hz
- Capacitor Marking
CBB6-5
- Terminal Style
Two male quick-connect spade terminals

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Housing
Cylindrical aluminum can

Known Application

Used on select DriStorm and Suntec commercial dehumidifiers that specify compressor capacitor part number SDP0104009.

Compatibility notice: Dehumidifier components can vary by model revision, serial number, compressor, and production date. Confirm that the original capacitor is rated 55 µF, 450 VAC and compare the terminal arrangement and physical dimensions before ordering.

Possible Symptoms of a Failed Compressor Capacitor

- Compressor hums but does not start
- Fan operates but the machine does not produce water
- Compressor starts slowly or cycles off unexpectedly
- Compressor draws excessive current or overheats
- Dehumidifier trips a breaker or overload protector
- Capacitor housing is swollen, leaking, split, or heat damaged
- Capacitance tests below the specified 55 µF rating

Diagnostic note: Similar symptoms may also be caused by low supply voltage, damaged wiring, a defective relay, compressor overload, control-board failure, low refrigerant, or a mechanically locked compressor. Test the capacitor and inspect the complete refrigeration circuit before replacing parts.

Important Replacement Guidelines

- The replacement capacitance should match the original 55 µF rating.
- A capacitor with the same or higher AC voltage rating may be acceptable when properly sized.
- Do not replace a 55 µF capacitor with a substantially different microfarad rating.
- Verify that the replacement fits securely inside the available mounting space.
- Transfer each wire to the corresponding terminal position used on the original capacitor.

Package Includes: One 55 µF, 450 VAC compressor run capacitor, as pictured or an electrically equivalent replacement supplied under part number SDP0104009.

Not Included: Compressor, mounting strap, wires, relay, overload protector, control board, dehumidifier, or additional repair parts unless specifically shown.

Installation Safety

- Disconnect the dehumidifier from electrical power.
- Allow the machine to remain unplugged before opening the cabinet.
- Properly discharge the existing capacitor before touching either terminal.
- Photograph and label all wires before disconnecting the original capacitor.

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- Install the replacement capacitor securely in the original mounting location.
- Confirm that all terminals are tight and insulated from the cabinet.
- Reinstall all covers before reconnecting electrical power.

Electrical hazard: A motor capacitor can retain a dangerous electrical charge after the dehumidifier has been unplugged. Installation should be completed by a qualified service technician familiar with capacitor testing and discharge procedures.

Before Ordering

- Confirm part number SDP0104009.
- Verify the original capacitance is 55 µF.
- Confirm a 450 VAC rating or other approved replacement rating.
- Compare the capacitor diameter and overall height.
- Compare the two-terminal electrical connection.
- Inspect the original mounting strap or bracket for reuse.

Product photographs are provided for identification and reference. Purchases are fulfilled according to the part number and electrical specifications ordered. Manufacturer, housing finish, terminal appearance, printed markings, and minor construction details may change without notice.

Dristorm and Suntec Dehumidifier Compressor Capacitor SDP0104009

Availability: This product was added to our catalog on Tuesday 04 August, 2026