
Capacitor Replacement Kit for Hydronic Air Handler



Kit Part Numbers:

10-MFD: AHPARTS07

15-MFD: AHPARTS08

Parts List

1. Capacitor with Terminal Boot

Recommended tools:

- Screwdriver #3 slotted
- Screwdriver #3 Phillips
- 5/16" Nut Driver.
- Pliers



WARNING

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

NOTICE

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

WARNING

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

WARNING

For your safety, turn off electrical power supply at service panel before proceeding to avoid possible electrical shock hazard. Failure to do so can cause severe personal injury or death.

WARNING

The Air Handler and Blower Assembly contain many sharp edges. Use gloves when servicing to prevent personal injury.

Capacitor Replacement Kit

Hydronic Air Handler

Removal of Capacitor

1. Disconnect electrical power supply to the Hydronic Air Handler.
2. Remove eight 5/16" hex head screws and remove front panel.

NOTICE

Use care not to damage or scratch the front panel when removing from cabinet.

3. Lay front panel away from unit and expose the Blower Motor Assembly.
4. Remove terminal boot away from capacitor connection leads.

WARNING

POTENTIAL SHOCK HAZARD
Ensure capacitor is discharged prior to removal. Failure to properly discharge the capacitor can result in severe personal injury, substantial property damage or death.

To discharge a capacitor properly requires an insulated handle screwdriver. Place the screwdriver across the capacitor terminals. Ensure the screwdriver does not come in contact with other metal components. Do not personally touch metal objects when performing this operation.

6. Use pliers to remove the connection leads from the capacitor.
7. With nutdriver loosen the Capacitor Clamp and remove and capacitor from the blower assembly.

NOTICE

Proper disposal of the old capacitor is required. Check with local waste management authorities for guidelines on Capacitor disposal.

Installation of new Capacitor

1. Place the new Capacitor with the proper MFD Rating in place tighten and secure with the capacitor clamp.

Capacitor Ratings Chart

Model	Blower Motor HP	MFD
S1/ S3-52	1/4 Horsepower	10-MFD 370 VAC
S1/ S3- 63	1/3 Horsepower	10-MFD 370 VAC
S2 / S4-82	1/3 Horsepower	10-MFD 370 VAC
S2 / S4-107	3/4 Horsepower	15-MFD 370 VAC
S2 / S4-125	3/4 Horsepower	15-MFD 370 VAC

2. Reattached the connection leads to the capacitor and place Terminal Boot in place.
3. Reattached the front panel and secure with existing eight 5/16" Hex Head screws.
4. Reconnect electrical power supply to the Hydronic Air Handler and place back into service.