

SET197 - Thermostat Kit

Can replace Whirlpool® 3977767 / NW309F

Includes:

- (1) 309±6°F thermal cut off
- (1) L250-80: 250°F Hi-limit



WARNING - Disconnect all electrical power before servicing.

To avoid injury: Use a Qualified Technician for installation.

Always replace fuse & thermostat together. Check the following.

1. Damaged elements - Inspect element. Perform continuity test from end to end of element to verify no breaks. (Note: Ohms from end to end is $\text{Resistance} = (\text{voltage}^2) / \text{Power in watts.}$) Perform continuity from one element end to ground. The continuity should always read open.
2. Check for plugged lint screen and clean if needed.
3. Check vent for blockage. Check flapper and make sure it opens to allow heat to escape.
4. Check blower wheel. Motor or wheel not turning will prevent heater from working.

To prevent early failure when replacing this kit, check and replace the cycling thermostat(s)

800.333.9125 - techsupport@supco.com

www.supco.com P/N: SET194_man_001 REV. 12/02/2024

SET197 - Thermostat Kit

Can replace Whirlpool® 3977767 / NW309F

Includes:

- (1) 309±6°F thermal cut off
- (1) L250-80: 250°F Hi-limit



WARNING - Disconnect all electrical power before servicing.

To avoid injury: Use a Qualified Technician for installation.

Always replace fuse & thermostat together. Check the following.

1. Damaged elements - Inspect element. Perform continuity test from end to end of element to verify no breaks. (Note: Ohms from end to end is $\text{Resistance} = (\text{voltage}^2) / \text{Power in watts.}$) Perform continuity from one element end to ground. The continuity should always read open.
2. Check for plugged lint screen and clean if needed.
3. Check vent for blockage. Check flapper and make sure it opens to allow heat to escape.
4. Check blower wheel. Motor or wheel not turning will prevent heater from working.

To prevent early failure when replacing this kit, check and replace the cycling thermostat(s)

800.333.9125 - techsupport@supco.com

www.supco.com P/N: SET194_man_001 REV. 12/02/2024

SET197 - Thermostat Kit

Can replace Whirlpool® 3977767 / NW309F

Includes:

- (1) 309±6°F thermal cut off
- (1) L250-80: 250°F Hi-limit



WARNING - Disconnect all electrical power before servicing.

To avoid injury: Use a Qualified Technician for installation.

Always replace fuse & thermostat together. Check the following.

1. Damaged elements - Inspect element. Perform continuity test from end to end of element to verify no breaks. (Note: Ohms from end to end is $\text{Resistance} = (\text{voltage}^2) / \text{Power in watts.}$) Perform continuity from one element end to ground. The continuity should always read open.
2. Check for plugged lint screen and clean if needed.
3. Check vent for blockage. Check flapper and make sure it opens to allow heat to escape.
4. Check blower wheel. Motor or wheel not turning will prevent heater from working.

To prevent early failure when replacing this kit, check and replace the cycling thermostat(s)

800.333.9125 - techsupport@supco.com

www.supco.com P/N: SET194_man_001 REV. 12/02/2024

SET197 - Thermostat Kit

Can replace Whirlpool® 3977767 / NW309F

Includes:

- (1) 309±6°F thermal cut off
- (1) L250-80: 250°F Hi-limit



WARNING - Disconnect all electrical power before servicing.

To avoid injury: Use a Qualified Technician for installation.

Always replace fuse & thermostat together. Check the following.

1. Damaged elements - Inspect element. Perform continuity test from end to end of element to verify no breaks. (Note: Ohms from end to end is $\text{Resistance} = (\text{voltage}^2) / \text{Power in watts.}$) Perform continuity from one element end to ground. The continuity should always read open.
2. Check for plugged lint screen and clean if needed.
3. Check vent for blockage. Check flapper and make sure it opens to allow heat to escape.
4. Check blower wheel. Motor or wheel not turning will prevent heater from working.

To prevent early failure when replacing this kit, check and replace the cycling thermostat(s)

800.333.9125 - techsupport@supco.com

www.supco.com P/N: SET194_man_001 REV. 12/02/2024