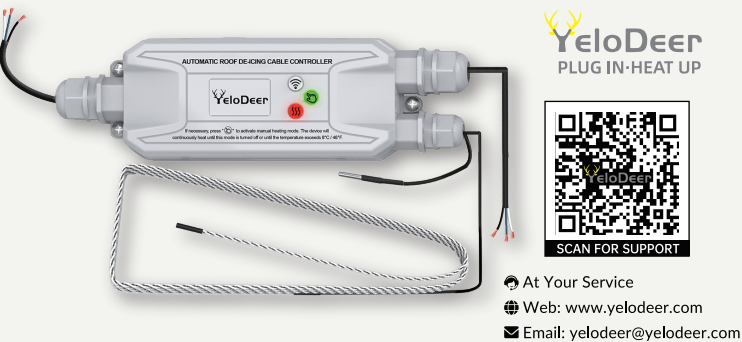


240V Roof De-Icing Controller Supplement Sheet

For use with the YeloDeer Roof De-Icing
Controller Installation Manual



Scope

This supplement sheet applies only to the 240V version of the YeloDeer Roof De-Icing Controller.

It explains the key differences between the 240V hardwired version and the standard 120V plug-in version.

For general installation instructions, sensor placement, WiFi/App operation, auto-manual heating modes, safety warnings, warranty, and liability information, please refer to the main instruction manual.

Key Differences from the 120V Version

Item	120V Version	240V Version
Voltage	110V-120VAC	240VAC
Maximum Current	15Amps	15Amps
Maximum Power	Max. 1800W @120V	Max. 3600W @240V
Power Connection	Grounded plug	Hardwired connection
Power Input Lead	6 ft power cord with grounded plug	6 ft power input leads for hardwiring, stripped approx. 13 mm
Heating Cable Connection	Roof de-icing cable plugs into controller receptacle	Heating cable leads connect to the controller load/output leads inside an approved junction box
Moisture Sensor Wire	10 ft (3m)	10 ft (3m)
Accessories	6 shingle clips, 2 spacers, 3 mounting screws	6 shingle clips, 2 spacers, 3 mounting screws, 6 wire connectors

! Do not exceed 15 A.

The total connected roof de-icing cable load must be within the controller rating. Maximum wattage depends on the supply voltage. Do not exceed **3600 W at 240V AC**.

Use only roof de-icing cables rated for the same supply voltage.

Do not connect a 120V heating cable to a 240V controller or 240V power supply.

Important Installation Difference

Unlike the standard 120V plug-in version, the 240V version **does not use a grounded plug**.

The 240V version must be **hardwired** to a 240V power supply inside an approved junction box.

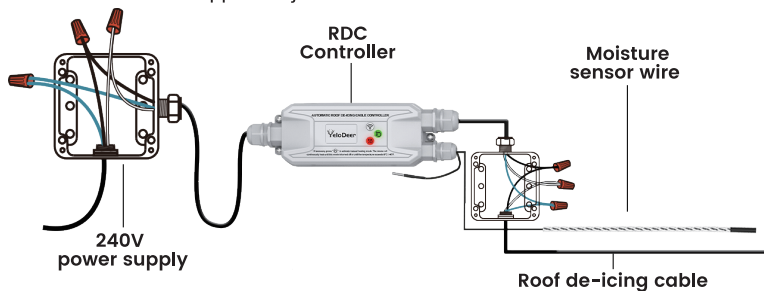
All wire connections must be made with approved wire connectors and enclosed inside an approved junction box. For outdoor or wet-location installations, use junction boxes and fittings suitable for the location.

Installation must be performed by a qualified electrician in accordance with the National Electrical Code, Canadian Electrical Code, and all applicable local codes.

Disconnect power before installation.

Wiring Diagram

Important: All wire connections must be secure, properly insulated, and enclosed inside an approved junction box.



Roof / gutter / eave installation area

Suggested wire callouts:

● **Black:** Line 1 ○ **White:** Line 2 ● **Green:** Equipment ground

Do not connect the green ground wire to either power conductor.

Wiring Notes

1. Install the roof de-icing cable according to the main instruction manual.
2. Mount the RDC Controller under the soffit, eave, or another suitable location protected from direct weather exposure.
3. Route and secure the moisture sensor wire according to the main instruction manual. The sensor wire must be placed where it can detect melt water in the gutter and roof edge area.
4. Connect the roof de-icing cable power leads to the controller load/output leads using approved wire connectors.
5. Connect the controller power/input leads to the 240V power supply inside an approved junction box.
6. Connect all equipment grounding conductors as required by code. Use drip loops where appropriate to help prevent water from running along the cables into the controller or junction box.
7. Before restoring power, confirm that all connections are secure, properly insulated, grounded as required, and fully enclosed inside the junction box.

240V Installation Replacement Note

In the main instruction manual, the step that says to plug the controller into a power outlet applies only to the 120V plug-in version.

For the 240V version, hardwire the controller power/input leads to the 240V power supply inside an approved junction box, and connect the roof de-icing cable leads to the controller load/output leads using approved wire connectors.

Note

All operating functions, temperature settings, sensor range, safety warnings, and warranty terms remain the same as described in the main instruction manual, unless otherwise stated in this supplement sheet.