

TEMPZONE™ OHM READING GUIDE SINGLE CONDUCTOR

You will need:

Probes

Floor Heating Roll

Before begining, verify circuit breaker is off and verify no power is present at thermostat Supply Line.

Ohm Readings

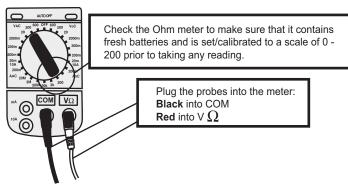
Why? We do a quick and simple Ohms test to make sure no breaks or shorts have occurred that could affect the system's performance.

When? We advise that Ohm readings be taken before, during and after installation and that these are recorded for future reference.

How? By following the five simple steps clearly indicated, to complete the (3) three different readings that are required.

Step 1 - Setting the Ohm Meter

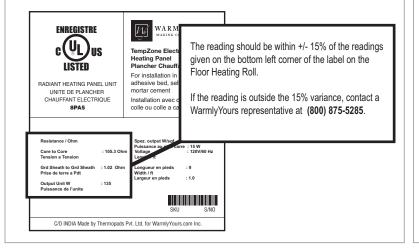
Ohm meter



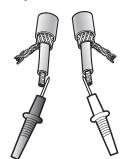
Step 2 - Taking the Readings

When taking the readings please ensure the following:

- · Your fingers are not touching any wires
- The probes are firmly attached to the selected wires
- There is no power in the circuit
- The heating system is rolled out flat
- The wires are not connected to the thermostat



Step 3 - Core to Core Ohms Reading



Connect the probes to both

Core (inside) wires and record
the reading off the Ohm meter.
This is the reading between
the two inner conductors of
the lead wires.

VALUE:_____

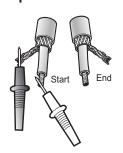
Step 4 - Ground to Ground Ohms Reading



Connect the probes to both **Ground** (outside) wires and record the reading off the Ohm meter. This is the reading between the **two ground sheaths** of the lead wires.

VALUE:

Step 5 - Ground to Core Ohms Reading



Connect the probes to both the Core wire and the Ground wire at the START of the lead. Take the reading then repeat this reading at the END of the lead.

R/Y VALUE:____

W VALUE:

IMPORTANT!

It is very important that for both CORE to GROUND readings you get "NO READING" - defined by a '0', '1', 'OL' or '∞'. IF NOT you may have a short and should call for technical assistance at (800) 875-5285.

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