



# PRO Electrician

# Check List

## Materials And Tools Required:

- The customized Installation and Electrical Plan
- Control with an in-floor temperature sensor
- Grand Fault Circuit Interrupter (This is a built-in feature of the nSpiration Series controllers)
- Digital Multimeter
- Mega-ohm meter (optional for floor heating, mandatory for snow melt)
- Single-gang box(es)
- Electrical Conduit
- Junction Box (when connecting more than two heaters)

## Step 1: Check System Ohm Reading and Review Plans

- Verify availability of breaker box space, voltage and amperage available according to installation plan and electrical plan
- Verify locations of thermostat and power module (optional)
- Test the heating systems and floor sensor with an ohm meter

## Step 2: Rough in Electrical Work

- Plan routing and conduit work based on the number of cold leads
- Connect a floor sensor
- Record ohms before, during, and after install
- Never put sensor wire in same conduit as cold leads

## Step 3: Electrical Power Hookup

- Connect a thermostat according to the diagram
- Setup and test a thermostat

# Learn More

Videos, Step by Steps, and Project Guides

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