



PRO Electrician ✓ Check List

Materials And Tools Required:

- The customized Installation and Electrical Plan

 - Control with an in-floor temperature sensor

 - Ground 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)
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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
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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
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Step 3: Electrical Power Hookup

- Connect a thermostat according to the diagram

 - Setup and test a thermostat
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Videos, Step by Steps, and Project Guides

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