

GENERAL INSTALLATION INSTRUCTIONS

LAYOUT

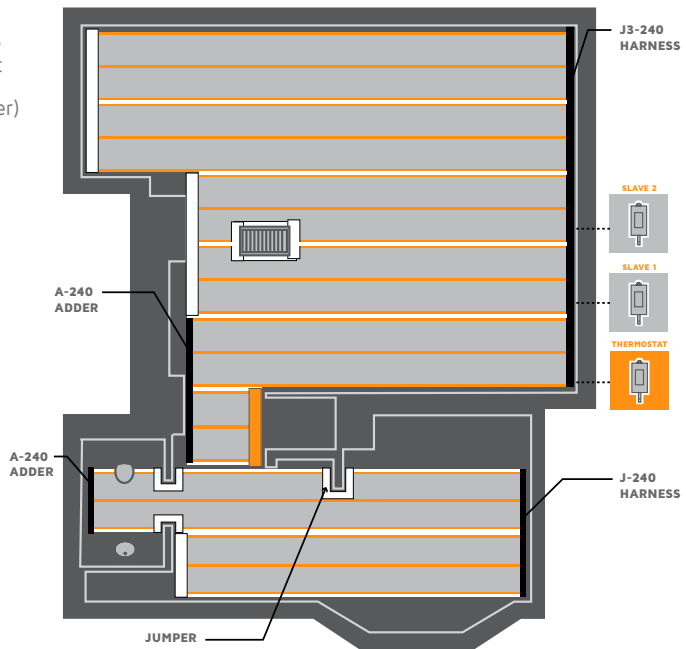
The installation of Carbonic Heat Film begins with planning a layout for the Heating Film. This helps the installer understand how much Heating Film will be needed, and which (and how many) Wiring Harnesses, Jumpers, Adders, and extra Edge Sealing Tape might be needed. Additionally, a pre-planned layout will determine thermostat (and possibly slave thermostat) locations.

FIRST, DETERMINE THE NUMBER OF SQUARE FEET OF HEATING FILM THAT ARE REQUIRED FOR THE INSTALLATION. THIS WILL HELP TO DETERMINE THE VOLTAGE NEEDED FOR THE INSTALLATION.

The Heating Film is capable of running on 120 volts or 240 volts. Installations using 120 volts are limited to 100 square feet of Heating Film per dedicated 15 amp circuit. Installations using 240 volts are capable of a maximum 200 square feet of Heating Film per a dedicated 15 amp circuit. Each circuit can be controlled individually by using a standard individual thermostat for complete zone control, or up to ten circuits (maximum 2000 sq-ft) may be controlled from one master thermostat.

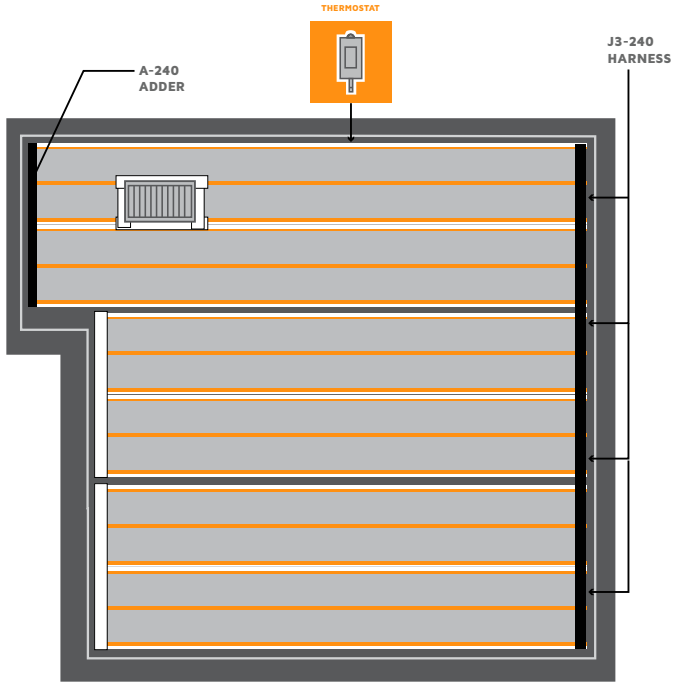
EXAMPLE OF A 400 SQ-FT SYSTEM.

- Qty 1 Master thermostat
- Qty 2 Slave units
- Qty 1 JP-60 (60" Jumper)
- Qty 2 A-240 Adder
- Qty 1 J-240 Harness
- Qty 1 J3-240 Harness



EXAMPLE OF A 200 SQ-FT SYSTEM.

- Qty 1 Thermostat
- Qty 1 A-240 Adder
- Qty 1 J3-240 Harness



EXAMPLE OF A 100 SQ-FT SYSTEM.

- Qty 1 Thermostat
- Qty 2 J-120 Harness
- Qty 1 J2-120 Harness

