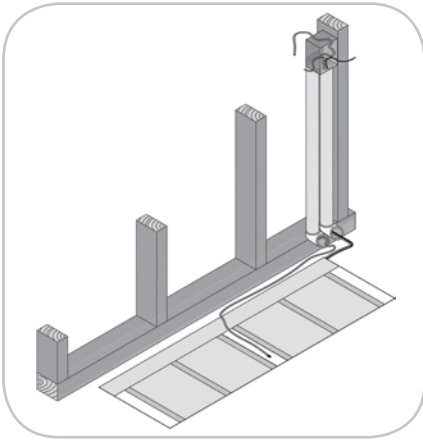


ELECTRICAL REQUIREMENTS



A single-gang junction box or a double-gang box is required for the thermostat and slave connections. Two conduits should be placed from the junction box to the bottom of the rough-in wall. One conduit is for the cold leads from the Heating Film and the other conduit is for the floor sensor. The floor sensor wire should not be placed in the same conduit as the supply leads.

NOTE: TO REMAIN COMPLIANT WITH THE NATIONAL ELECTRICAL CODE (NEC, ARTICLE 424 PART IX) THE ELECTRICAL INSTALLATION MUST USE A TERMINAL JUNCTION TO BE CONSIDERED A HEATING SHEET SET. THIS IS A REQUIRED PART OF THE INSTALLATION PROCEDURE. THE HEATING FILM CAN ONLY BE INSTALLED ON A DEDICATED ELECTRICAL CIRCUIT(S), NOT TO EXCEED 80% OF THE BREAKER'S RATED CAPACITY. POWER IS USED @ 15 WATTS PER SQUARE FOOT OF HEATING FILM, WITH A THERMAL OUTPUT OF 51 BRITISH THERMAL UNITS (BTU'S) PER SQUARE FOOT OF HEATING FILM.

ATTACHING THE THERMOSTAT

Before installation of the thermostat, always make sure the power is off. The installation should be done by a qualified electrician in accordance with all current electrical and building regulations. The installer needs to follow the thermostat manufacturer's instruction manual. Once the thermostat has been installed, complete the set-up programming and make sure to program the floor sensor temperature to the flooring manufacturer's desired temperature.