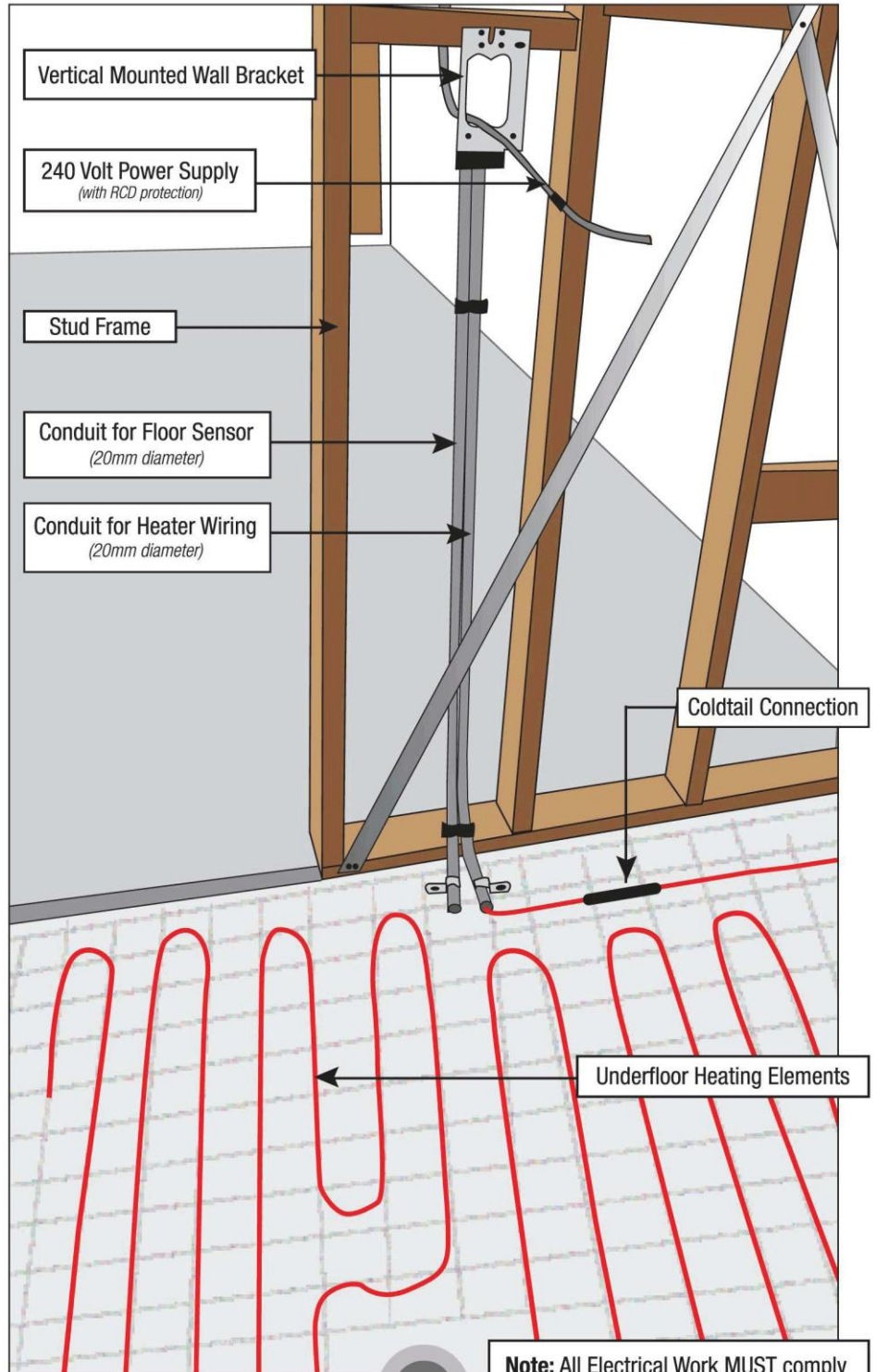


## Electrical Requirements

- Some preparation will be needed before the walls are covered such as two 20mm conduits, with a draw wire in both running from the thermostat position and bent out at the top of the floor approximately 100mm into the room.
- For floor heating installations such as undercarpet, carbon film or heating directly under the tiles the conduits will need to be recessed into the floor.
- The thermostat is vertically mounted and will fit into a standard stud bracket or behind plaster bracket which must also be installed before wall cladding.
- The Thermostat has a rating of 15 amps/3.6kw, for a larger area a contactor will be needed.
- If a contactor is needed, in addition to the load cables a 1x1.5 twin and 1 x 1.5 SDI should be ran from the switchboard to the thermostat position.
- For bathrooms and wet areas careful consideration of the position of the thermostat must be taken due to SAA Wiring Rules and Regulations.
- If 2 cables are needed, cables should be connected in parallel at the thermostat or junction box.
- The earth screen within the floor heating cable MUST be connected to an earth supply.
- All electrical connections MUST be completed by a licensed electrician as per the AS/NZS 3000:2000 wiring rules.



**Note:** All Electrical Work MUST comply with AS/NZ 3000:2000

Conduits to be extended approximately 100mm from the wall.