



At the design stage, a heating unit (floor heater) is located in a convenient and accessible location.

Since the entire unit is cast in the foundation slab and only the cover is visible, the box itself does not take up floor space. Equipment or other items can be placed on the cover, if necessary. The cover (MDF typically, or steel for commercial/industrial traffic) can be finished with the floor covering used in the room.

The 2" or 4" (50 mm or 100 mm) air pipes are placed according to the drawing.

Pipe insulation is used to help control heat flux to the building.

Each pipe loop is flow balanced at the design stage.

The heating unit is equipped with a fan and heat exchangers. Each heat exchanger is controlled by a thermostat.

Typical pipe spacing is as follows;

2" pipe layout is 250mm-600mm (10"-24") spacing or 300mm-1,000mm (12"-40") spacing for 4" pipe.