



INSTALLATION GUIDE

CircoBoard

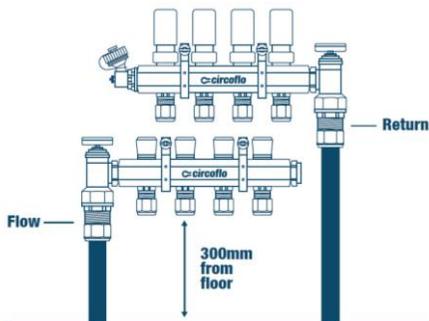
Before beginning to install your floor product, ensure that you have considered the location of your Minifold(s), see from page 35 for further information.

1 Attach the Minifold

Attach the Minifold to the wall using the appropriate wall mounting fixings.

You can arrange the flow and return pipework in a variety of ways, depending on what is best for your installation.

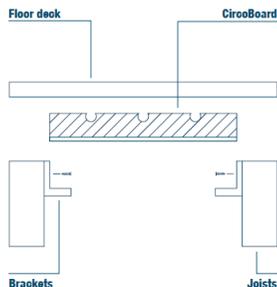
The two Minifold arms should be within 500mm of each other to allow for the actuators (with 1500mm of cable) to be connected into the wiring centre positioned close by.



2 Fix the support brackets

Fix supporting battens 25mm below the top of the joist or L brackets on the inside of the joist, with the top of the bracket flush with the top of the joist

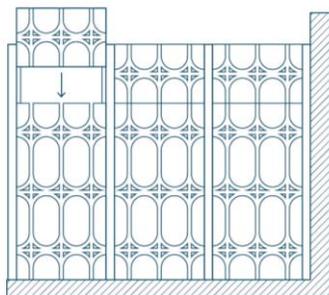
this will ensure that the CircoBoard Panels are in tight contact with the underside of the floor deck when installed.



3 Lay the panels

Lay the panels in a run, in front of one and other between the joists.

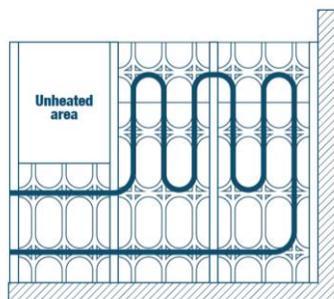
Cut the panels along their length where necessary to fit between joists or battens. Cut the final panel in a run to fit and use to stop the next run. Ensure the pipe channels on the offset line up with neighbouring panel.



4 Lay the pipe

Starting at the manifold and working from the edge of the room, push the pipe into the pre-perforated foil channels in a serpentine pattern.

Cut notches in the joists or battens where the pipe passes between inter joist/batten spaces for the pipe to sit in. ensure that there is enough pipe exposed from the floor to reach the ports on the manifold. Don't lay any pipe in areas which will be unheated (Such as under kitchen units). Lay walking boards to provide stability when installing the pipe into the CircoBoard inter joist panels. The panels are not strong enough to walk on.



5 Complete the installation

When returning the circuit to the Minifold, cut the pipe with a pipe cutter. Label the pipe flow and return, and number the circuit(s). this will help when connecting to the Minifold(s).

Note: once panels are pipe are laid, protect them with walking boards especially in heavily foot trafficked areas.

Connect the monoblocco connectors on to the ends of the 13.2mm pipe and screw onto the Minifold by hand then further tighten with a spanner whilst maintaining upward pressure on the pipe.

Between Battens



Between Joists

