

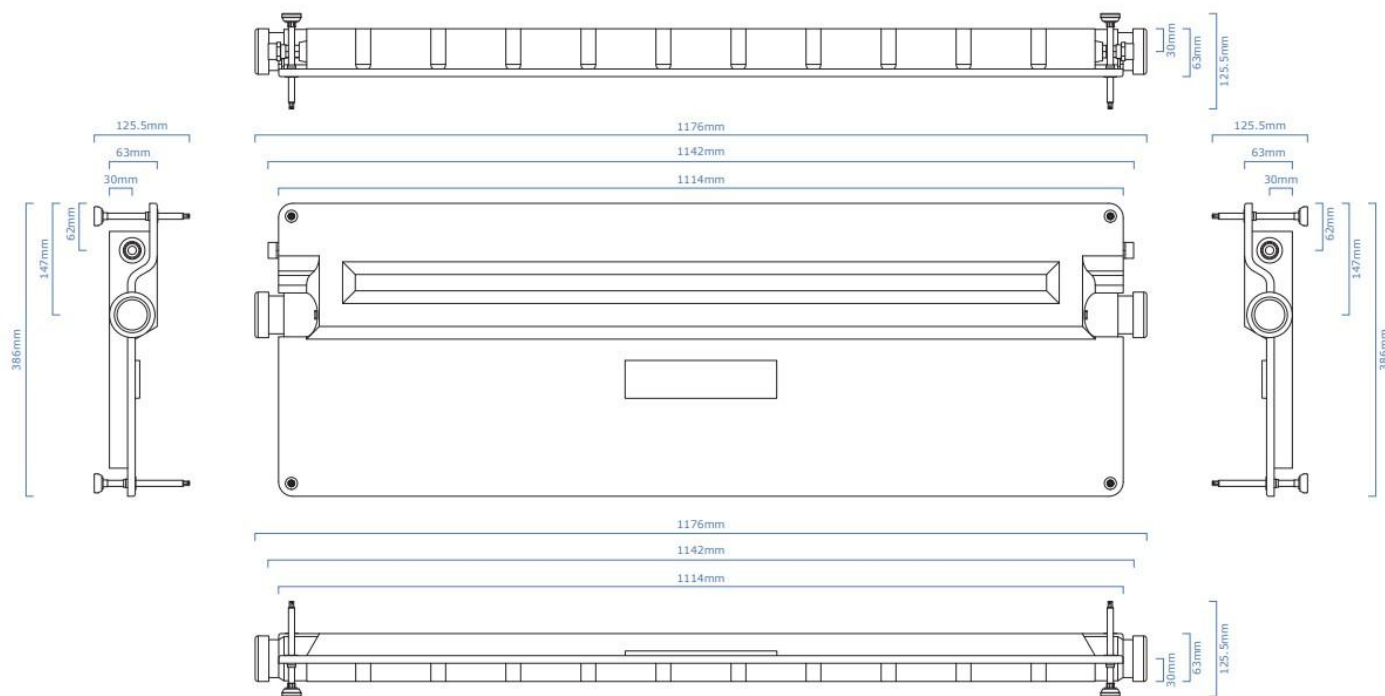
Recoup Easyfit WWHR

Installation and user manual



Technical Data & Specifications

Description	Value	Unit
Minimum height required for installation	95	mm
Overall product length	1176	mm
Overall product width	386	Mm
Shower flow rate range	5-15	L/min
Max. mains water inlet pressure	10	Bar
Min. mains water inlet pressure	1	Bar
Max. mains water working temp.	60	°C
Mains water connection	½" male	BSP (par.)
Waste water connection	50	mm
Full product weight (boxed)	9.7	Kg
Water volume – mains water	0.87	L
Heat exchanger material: double walled copper tube		
Outside material: ABS		
Levelling screws: steel – 6mm		



Installation

Preparation:

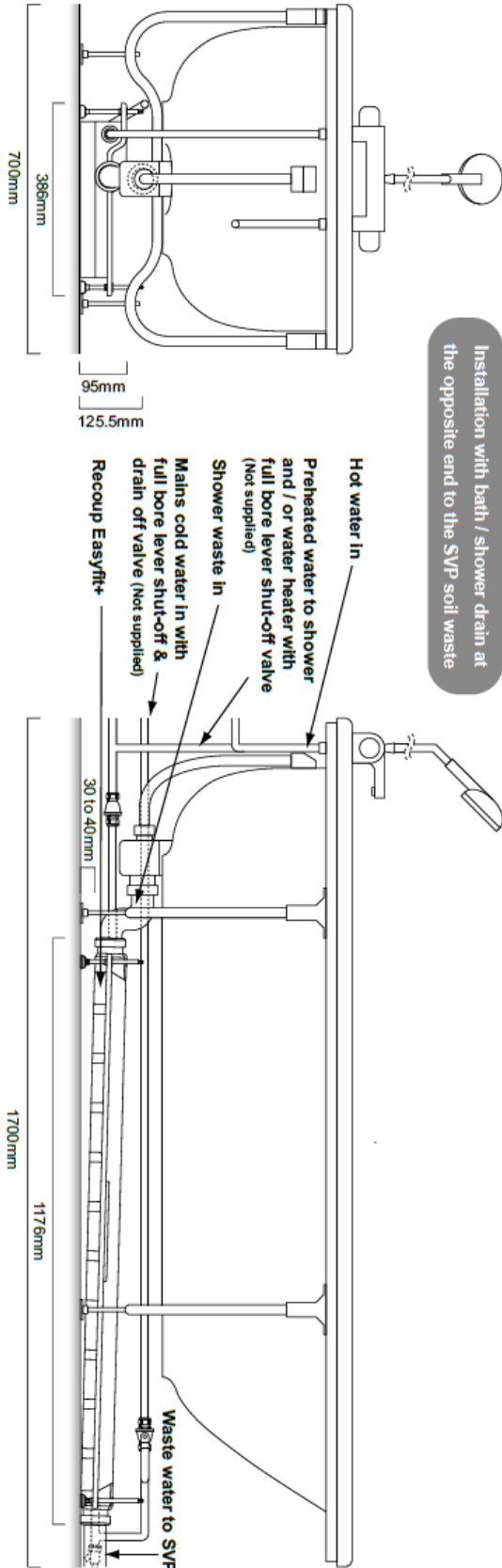
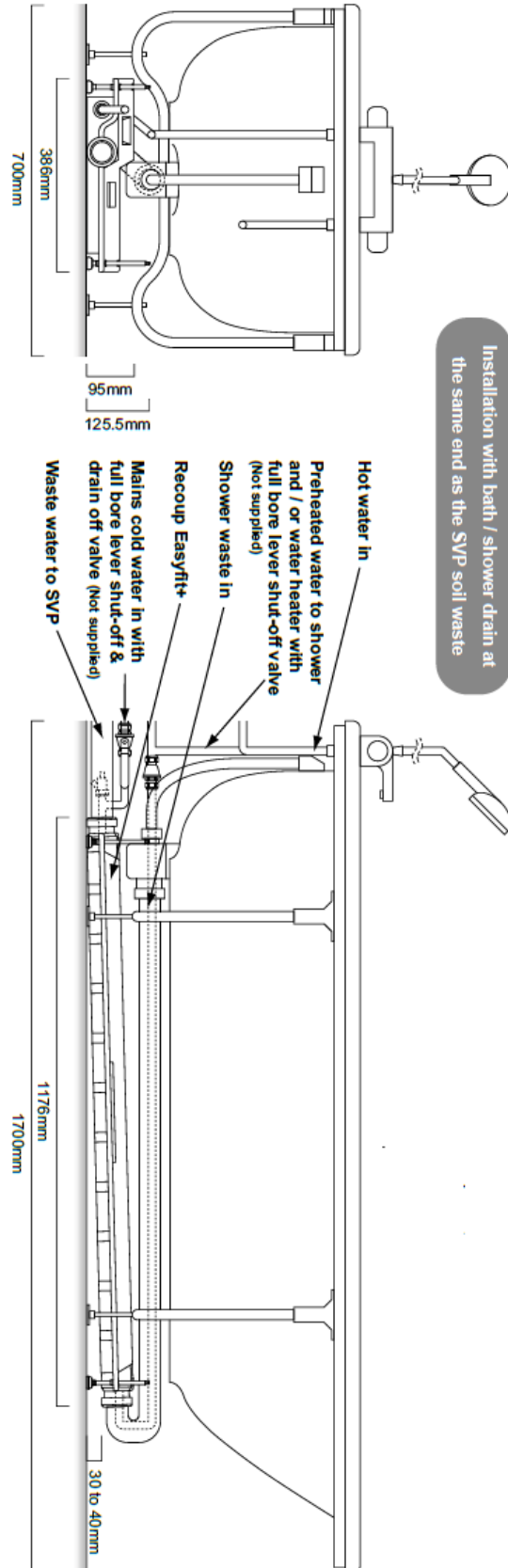
The Recoup Easyfit needs to be installed horizontally under the bath, shower tray or in the crawl space. Installation should take place on a flat surface capable of supporting the Easyfit. The location should allow for access to all parts and allow routine maintenance to be carried out with relative ease.

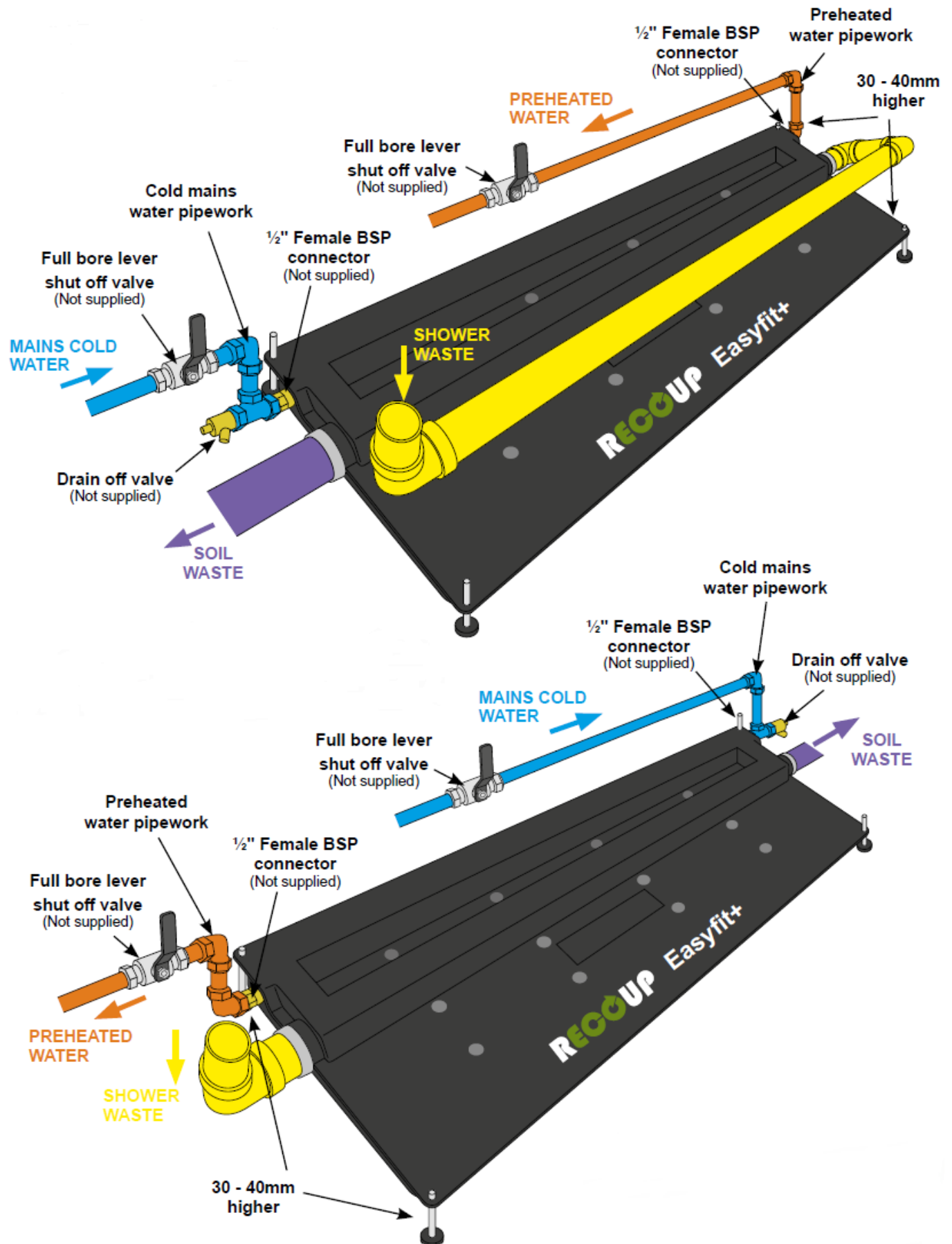
Non-supplied parts needed:

- 2 x ½" female BSP (Par.) brass connectors
- 2 x full bore lever shut-off valves
- 1 x drain off valve
- Thread sealant

Installation notes:

- Ensure that there is adequate clear space in the installation area to install the Recoup Easyfit. Some baths and shower tray designs incorporate a central foot to provide support which may need to be removed. If removed, then alternative raised support should be added over the Recoup Easyfit.
- The Easyfit incorporates symmetrical connections at each end, allowing the shower waste to be connected to either end. The mains col inlet should always be the opposite end to the shower waste inlet, producing a counter flow connection.
- Position of the Easyfit in the installation area and adjust the feet height so that the unit is 30-40 mm higher at the end where the shower waste enters the unit, allowing flow the wastewater through the unit. See diagrams and drawings for positioning in relation to the bath / shower drain and main drainpipe.
- Ensure that the Easyfit is precisely horizontal perpendicular to the direction of the shower waste flow. Incorrect raising, perpendicular levelling, and flow directions will affect performance and efficiency.
- Connect the bath / shower drain trap to the shower wastewater in, highest end, of the Easyfit and the wastewater out, lower end, to the main drainpipe. Use 50mm solvent or 50mm push-fit pipe and connections. Lubricate the connection and chamfer the edges to 50mm solvent pipe.
Note: The bath / shower trap should remain in its usual position.
- Connect the mains cold water and preheated pipework. The mains cold connects at the lower end, and the preheated to the higher end. Use a 15mm or 22mm pipe to ½" female BSP (Par) brass connector (not supplied) to connect the pipework to the Easyfit.
- A full-bore lever shut-off valve and drain-off valve (not supplied) should be installed on the mains cold water supply prior to the WWHR unit and another full-bore lever shut-off valve installed close to the connection of the preheated water leaving the WWHR to facilitate any replacement of parts. It is recommended that both shut-off valves are installed in the same location, any concealed valves must be manufactured from corrosion resistant materials such as Chromed Brass.
- Check and complete the following:
 1. Ensure the preheated water supply is only feeding the DHW heater and the cold-water inlet of the shower's thermostatic mixing valve (System A), the cold inlet of the shower's thermostatic mixing valve only (System B) or the water heater only (System C)
 2. The preheated water supply from the Easyfit is clearly labelled to prevent any future cross-connection of services.
 3. If the Easyfit is to be concealed, ensure that all required system testing is completed before concealing.





Maintenance

The maintenance required for the Easyfit is very minimal, however, it is recommended to clean the unit periodically to avoid any reduction in efficiency. This cleaning will remove any build-up of soap and dirt residue on the outside of the copper pipe where the wastewater passes.

The following maintenance procedure is suggested:

A hair filtering device as part of the bath / shower trap is recommended to reduce the amount of hair that gets into the Easyfit.

Every 2 months, use 1-2 litres of hot water up to 70° C (re-use water from boiling potatoes or pasta to save energy). And apply into the bath / shower-tray drain in 2 stages, with around 5 minutes between. (This will help dissolve soap residues on the copper pipes inside the Easyfit. Use the shower shortly after to make sure any debris is flushed away. It is possible to use chemical agents sold for declogging as a cleaning agent if required.

If no maintenance is carried out, the Easyfit will still work but the efficiency may decrease over time.

Warranty

The Recoup Easyfit comes with a 5 year warranty.

This warranty is conditional on the product being installed in accordance with these instructions, correct plumbing practices and building regulations.

Technical Specification & Performance

Flowrate @ 40 °C	Efficiency and supplied power (cold inlet mains water temp. 10 °C)	Pressure drop in bar
5.8 L/min.	47.6% (5.5 kW)	0.09
9.2 L/min.	46.4% (9.0 kW)	0.26
11.0 L/min.	44.2% (10.2 kW)	0.36
12.5 L/min.	41.8% (11.0 kW)	0.44

Connection Schemes

