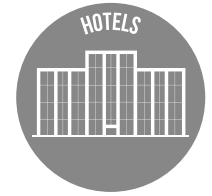


TECHNICAL SPECIFICATION

RECOUP EASYFIT+

WASTE WATER HEAT RECOVERY FOR SHOWERS



- Double-walled copper horizontal heat exchanger
- Designed to fit under a standard bath
- Up to 47.6% heat recovery efficiency
- Can be retrofitted into an existing system
- 3 recognised installation methods (System A, B & C)
- No-end user interaction required
- No planned maintenance
- SAP listed, SBEM, BREEAM, DEAP & ETL recognised
- WRAS approved
- Legionella Control risk assessed
- High quality manufacture

GENERAL DATA

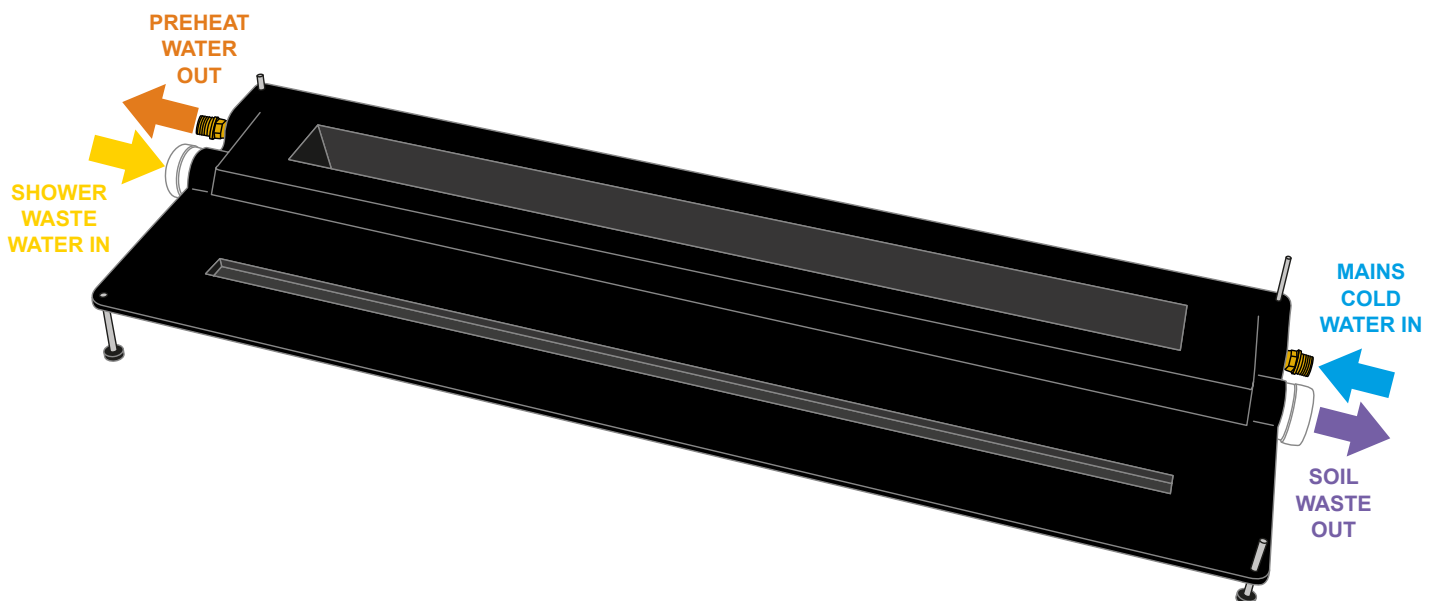
DESCRIPTION	VALUE
Minimum height required for installation	95 mm
Overall length required for installation	1100 mm
Overall width required for installation	372 mm
Material - Heat Exchanger	Copper
Shower flow rate range	5 - 20 Litres/min
Max. Mains water inlet pressure	10 bar
Min. Mains water inlet pressure	1 bar
Max. Mains water working temp	40 °C
Mains & Preheated water connection	½" male BSP
Waste water connection	40 - 43 mm
Full product weight	9.7 kg
Water volume - mains water	0.87 Litres

PERFORMANCE & EFFICIENCY

SHOWER FLOW RATE @ 40°C (LITRES/MIN)	EASYFIT+ EFFICIENCY (RECOVERED ENERGY KW)		
	SYSTEM A	SYSTEM B	SYSTEM C
5.8	47.6% (5.01)		
9.2	46.4% (7.74)		
11.0	44.2% (8.70)	35.2% (7.02)	39.2% (7.82)
12.5	41.8% (9.48)		

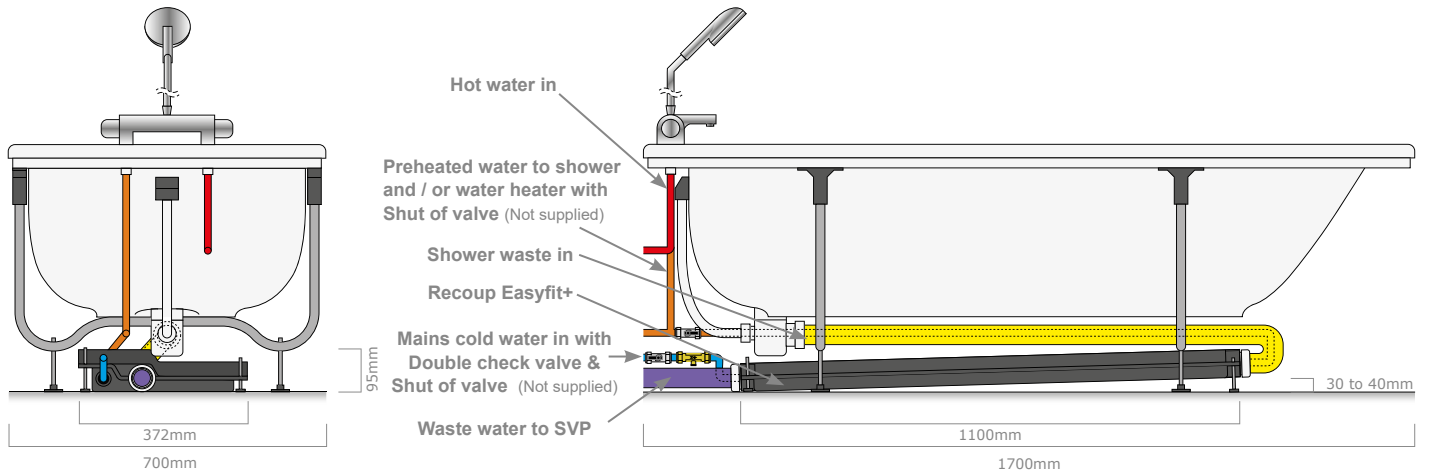
PRESSURE DROP ON THE MAIN WATER CIRCUIT

SHOWER FLOW RATE @ 40°C (LITRES/MIN)	EASYFIT+ PRESSURE DROP (BAR)		
	SYSTEM A	SYSTEM B	SYSTEM C
5.8	0.09	0.06	0.04
9.2	0.26	0.16	0.10
12.5	0.45	0.28	0.18

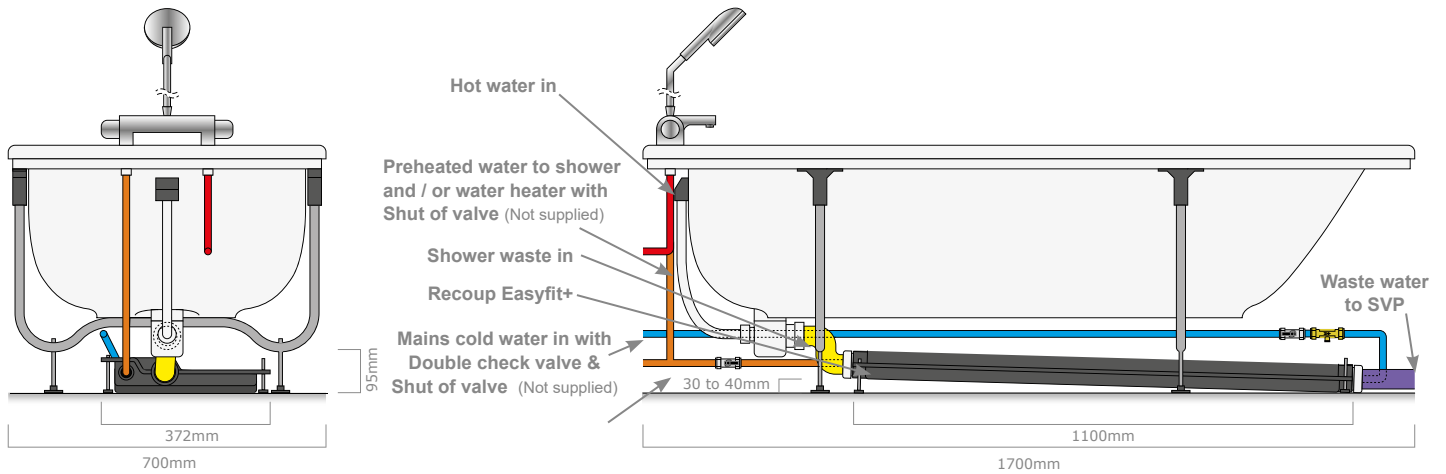


DRAWINGS & DIAGRAMS

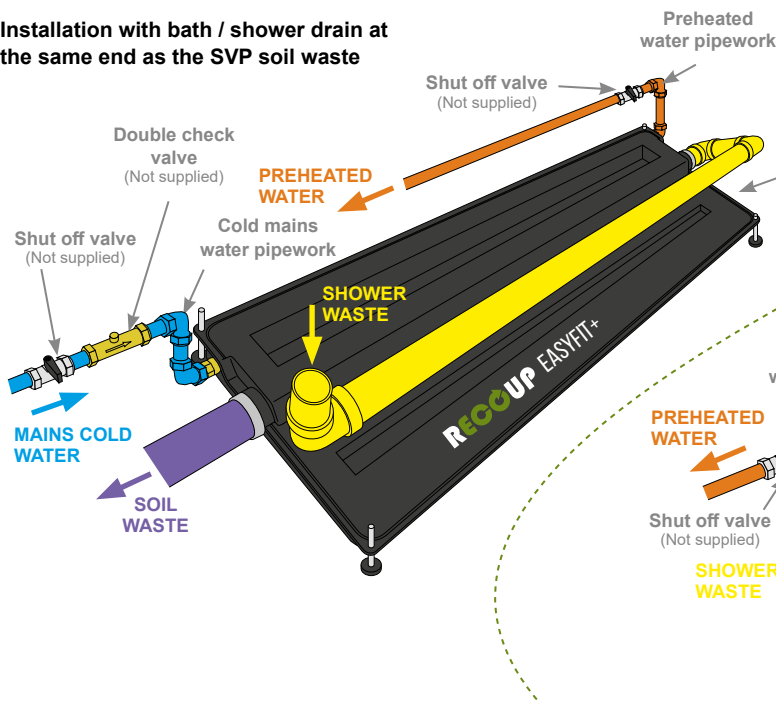
Installation with bath / shower drain at the same end as the SVP soil waste



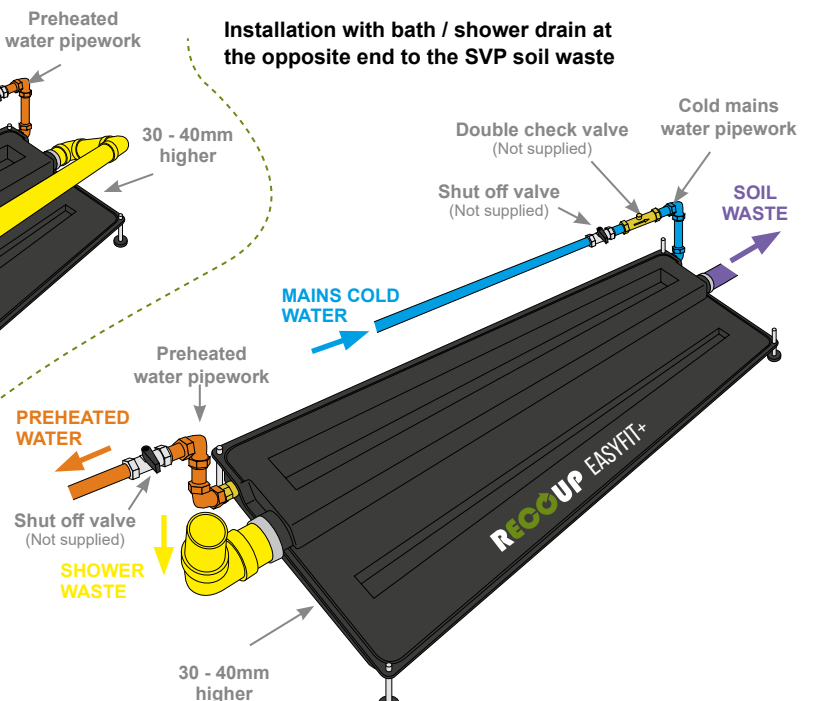
Installation with bath / shower drain at the opposite end to the SVP soil waste



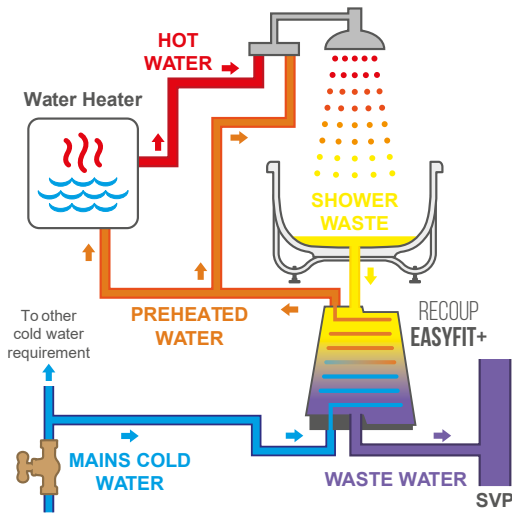
Installation with bath / shower drain at the same end as the SVP soil waste



Installation with bath / shower drain at the opposite end to the SVP soil waste




INSTALLATION METHODS



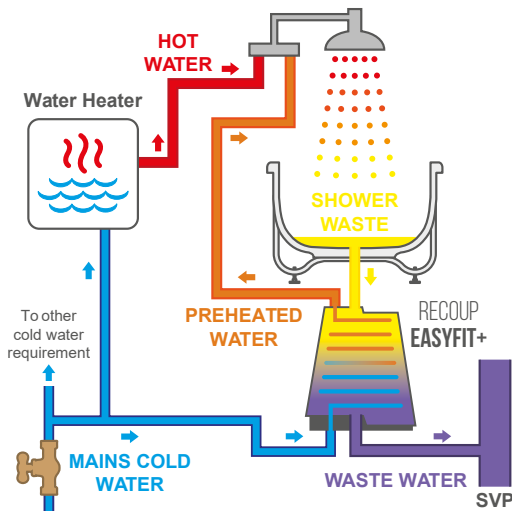
SYSTEM A

Preheated water supplied to shower mixer (cold inlet) and the water heater 

This installation method provides the highest WWHRS efficiency.

Only one WWHRS unit can supply preheated water to the water heater  as System A. All secondary WWHRS units should be connected as System B.


To maximise SAP impact, install WWHRS as System A on the primary shower, or in a room with a shower only.

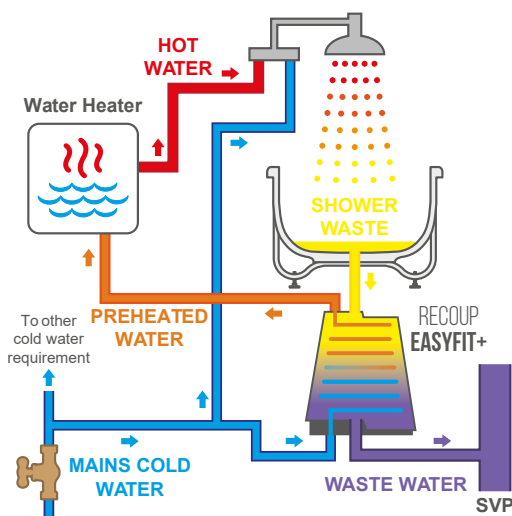


SYSTEM B

Preheated water supplied to shower mixer (cold inlet) on the shower only


The WWHRS efficiency of this installation method is not as high as System A or C but is the simplest and often the most cost-effective method to install or retrofit.


As preheated water is supplied to the cold side of the shower TMV only, there is no additional connection to the water heater . System B should be used for any secondary showers in a dwelling or where multiple showers are fed from centralised plant.



SYSTEM C

Preheated water supplied to water heater  only

Greater WWHRS efficiencies are produced than System B but lower than System A. Only one WWHRS unit can feed preheated water to the water heater  as System C.

 Combi-Boiler, Cylinder (Any heat source inc. Boiler, Heat Pump, Direct Electric, Solar Thermal), Heat Interface Unit (HIU) or Thermal Store.

● For more detail watch our [installation method animation](#) here.

SPECIFYING - RECOUP EASYFIT+

Recoup WWHRS | Easyfit+ | Installed as System A; System B; System C (delete as appropriate) | to (Add shower(s) install location)

Include the line of text above or go to specify.recoupwwhrs.co.uk for the full Recoup Easyfit+ product specification.