

# Create a new source of energy

## Shower Tray ECOshower



**Wagner Solar**

ENERGIETECHNIK  
ENERGY TECHNOLOGY  
TECHNOLOGIE ÉNERGÉTIQUE  
ENERGIETECHNIEK



**Can reduce  
fossil fuel  
consumption  
by 54 %!**

### Save as you shower

Taking a profitable shower using a Shower Tray ECOShower.

#### BENEFITS

- High efficiency for better energy rating
- Quality and durability
- Easy to install
- Increase the value

#### DETAILS

Lower energy bills: a family of four can easily cut its gas consumption by 180 m<sup>3</sup> a year or save 1200 kWh of electricity.

High-quality acrylic shower tray with attractive stainless steel grid, drain trap and copper heat exchanger.

No structural work required, so ideal for renovations.  
Can be fitted inside a shower cabin or behind a shower door.

Better energy efficiency rating can increase the value of the property.

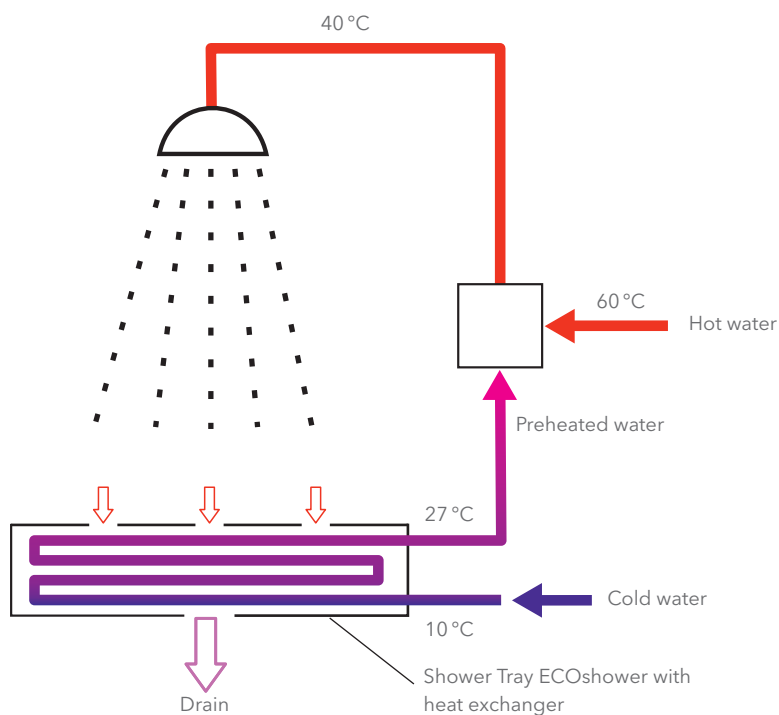
ECOshower – spectacular performance  
Reduce fossil fuel  
consumption by 54 %!

### Why recover heat from your shoWer?

A typical adult consumes about 95 m<sup>3</sup> of gas or 500 kWh of electricity each year in the shower. But you only actually benefit from 20-25 per cent of that energy. The rest goes straight down the drain! Not only is that a great shame, it is also unnecessary because you could recover a large part of the lost warmth. By using it to preheat clean water from the mains, the Shower Tray ECOshower can almost halve the amount of energy you use when showering. With no loss of comfort. So why not recycle your own heat?

### How does it work?

The heat exchanger uses the so-called counterflow principle. Hot water from your shower flows out through a drain trap and onto a distribution plate, which sprinkles it over a coiled copper pipe containing cold, clean mains water. Here, heat is exchanged between the hot and cold water. Thanks to the unit's patented design, this is done very efficiently – much more so than by comparable products on the market. And because the heat exchanger is easy to clean, it maintains that high efficiency over many years of use.



#### Function principle

The heat contained in the shower wastewater is passed through the heat exchanger and transferred to the inflowing cold water. The pre-heated water is supplied to the cold water supply of the faucet



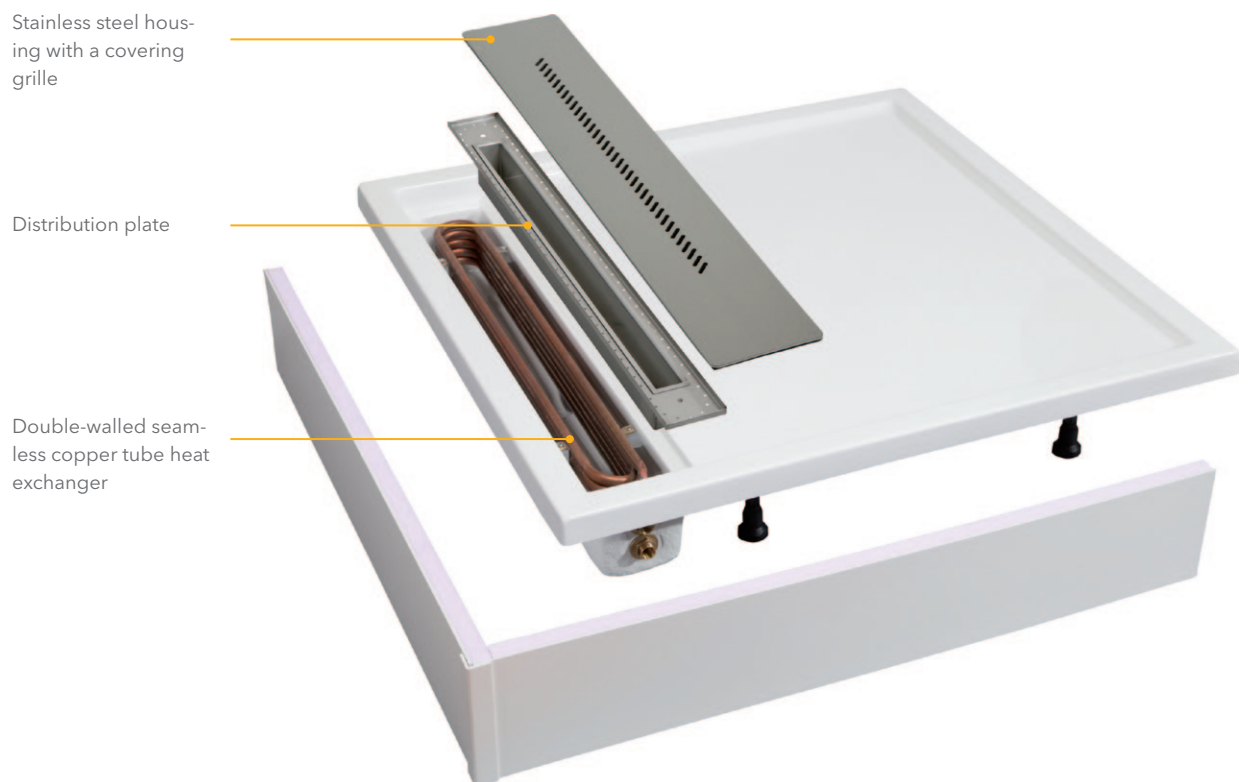
### High quality

The shower tray itself is made of high-quality bathroom acrylic, and the underside is reinforced with a polyester fibre. The heat exchanger is copper, extruded and bended from a single piece of metal. The grid, distribution plate and drain trap are made of very high quality stainless steel, which has been pickled and passivated. These steel parts are replaceable and can be ordered separately.

### Maintenance

For cleaning, the heat exchanger can be accessed by removing the stainless steel grille and prising off the distribution plate with the tool provided. This reveals the copper pipes, which can then be brushed clean.

The drain trap is removed together with the distribution plate. Compared with a conventional drainage unit, this arrangement also makes it easy to reach the outflow pipe if it needs to be unblocked.



## Shower Tray ECOshower 900/1200



### Easy to install

The Shower Tray ECOshower has been designed with for easy installation. The underside is fitted with four adjustable feet, mounted on two rails. This system ensures that the feet can always be positioned firmly, guaranteeing a stable and level installation.

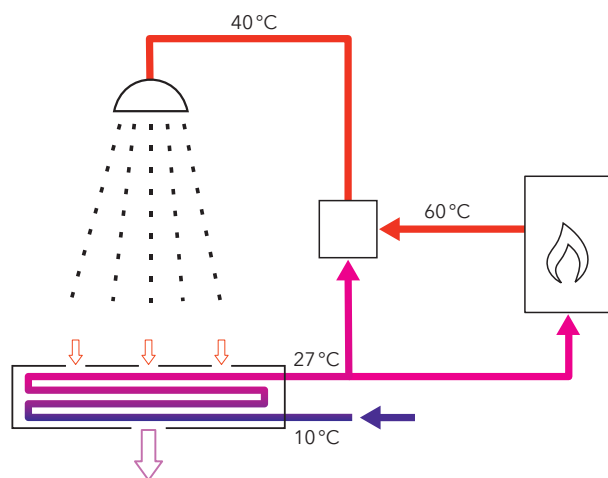
The Shower Tray unit is square, measuring 90 x 90 x 16 cm. The drain trap is built in, so no separate trap is required.

The shower tray is supplied as standard in broken white. For bulk orders (at least 100 units), almost any bathroom colour can be produced.

### Tested and certified

The Shower Tray ECOshower has been tested by independent Passive House Institute and its energy performance certified.

This means that it can help to lower your domestic energy efficiency rating. In other words, it may actually boost the value of your home as it saves you money!



For example: Connection to shower armature and DHW generator

### Further ECOshower products

Shower Drain ECOshower for floor level installation in tiled showers

Shower Pipe ECOshower with even higher efficiency

Shower Collector ECOshower for larger systems

Technical data	Shower Tray ECOshower 900	Shower tray ECOshower 1200
Discharge connection	50 mm	
Domestic water connections	$\frac{3}{8}$ " female thread	
Dimensions (L x W x H)	900 x 900 x 200 mm	1200 x 900 x 200 mm
Height adjustment	20 mm	
Heat exchanger efficiency	54 %	