MEGAFLO **SHRU**

Shower heat recovery unit

NEW
PRODUCTS
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Issue 1

Taking a shower just got cheaper

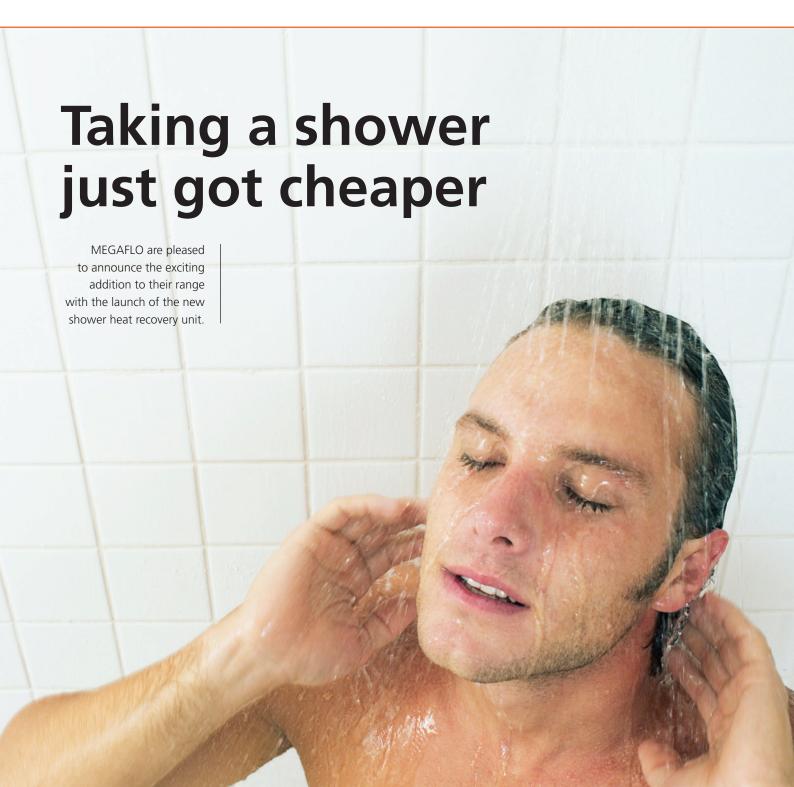MEGAFLO are pleased to announce the exciting addition to their range with the launch of the new shower heat recovery unit.

Shower heat recovery unit

The MEGAFLO **SHRU** is a waste water heat recovery system (WWHRS). It transfers heat from discharged waste shower water to heat the incoming supply of cold mains water to the shower inlet, where the waste water would usually be piped directly to the soil and vent pipe. Waste shower water runs down through the internal pipe as cold mains water runs up the outer pipe. This preheating of the mains supply reduces the amount of hot water required for each shower.

Waste water heat recovery systems are recognised within the SAP assessment process (see the WWHRS category of the SAP product database).

When carrying out a SAP calculation for a home fitted with one or more shower heat recovery unit, the unit(s) will get you even closer to your overall dwelling target emission rating.

Independent CE approved tests revealed that occupants in a home fitted with a shower heat recovery unit can enjoy energy savings comparable to those of solar thermal hot water systems.

Produced from copper and recovers approximately 60% of the energy from the shower waste water

The mains water temperature is raised by between 15°C and 19°C dependent on the flow rate of the shower

No regular maintenance required

No user interface making it a 'fit and forget' product

Ideal for new build developments and one-off installations

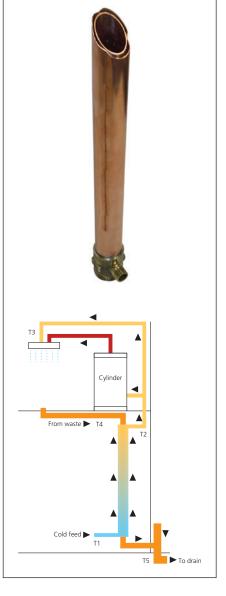Showering will cost less, lower energy consumption

Two year warranty with on-site service support

Product Code	Shower flow rate (l/m)	T1 cold domestic water in (°C)	T2 pre-heated domestic water out (°C)	T3 shower water (°C)	T4 shower water on entry on **SHRU** (°C)	T5 shower waste water to waste water line (°C)	Shower energy consumption (kW)	Recovered energy (kW)	Max. pressure drop domestic water (kPa)	Efficiency of recovery unit (%)
MEGAFLO **SHRU**										
	5.5	10	29	40	40	21	11.5	7.3	9.6	63
	5.8	*	*	*	*	*	*	*	*	62.4
	7.5	10	28.2	40	40	22	15.7	9.45	21	60
95:060:005	9.2	*	*	*	*	*	*	*	*	59.3
	10.5	10	27.4	40	40	23	21.9	12.7	35.1	58
	12.5	*	*	*	*	*	*	*	*	55.2
	15.1	10	25.2	40	40	24	31.6	16.9	79	53
*Kiwa-Gastec declaration according to NEN 5128 A1:2009, published 1 May 2009										