



ecocon
EXERGY SOLUTIONS

Ecocon introduces the **Hot tap water heat pump** the missing link

As fossil fuels are a finite resource and with the prices of raw materials already on the rise, energy consumption in both existing and new-build homes is a prime concern for all parties.

Renewable energy, smart and efficient applications of existing energy systems are the solutions for the future.

The use of low temperature systems is one of the most promising solutions in order to deal with energy efficiently and cost-effectively.

The Ecocon W2 is the missing link

For this purpose Ecocon has invented an ingenious small 'water-water heat pump', which, in combination with a properly isolated boiler tank, is capable of producing Legionella pneumophila-resistant hot tap water in all comfort hot tap water. This solves the problem of low temperature heat networks, which have a system or inlet temperature that is high enough to heat houses, but which is too low to produce safe and comfortable hot tap water.

There is sufficient renewable energy, we just have to tackle this in a clever way in order to use it

The Ecocon W2 is smart!



The Ecocon system

Ecocon has laid out 10 basic plans around these tap water heat pumps for an integral approach. The greater part of the plans is focusing on collective low temperature heat and/or heat and cold distribution facilities. The other plans have been developed for applications of the Ecocon W2 heat pump in commercial and industrial installations.

Whether this concerns heating, heating and cooling, and feeding the heat pump from the network or the output system, all the installation plans provide these possibilities and have been outlined in details. These basic plans can be realized with Ecocon's product portfolio.

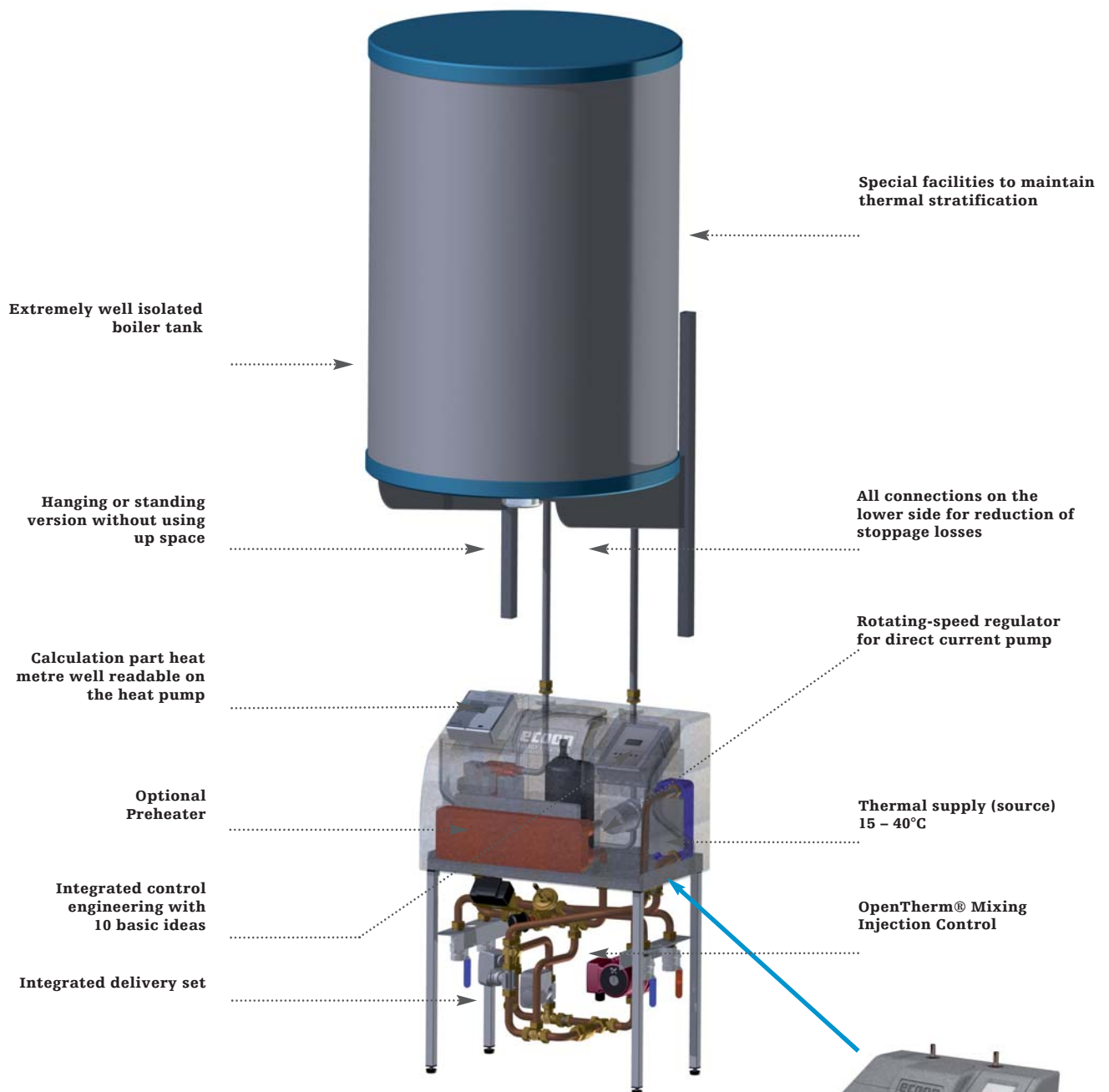
The delivery programme consists of:

- Delivery sets, including heat metres
- Tap water heat pumps Ecocon W2
- Boiler tanks
- Temperature controller for rooms



ecocon
EXERGY SOLUTIONS

**The Ecocon
Hot tap water heat pump:
the missing link
key components**



Technical details Ecocon W2 heat pump	
Type	Water – water. Suitable for tap water in two ways
Primary refrigerant	R-134a, 450 gr.
Thermal capacity	1,5 – 2,3 KW. Average 2 KW.
COP	2,3 – 5,1 average 4,2
Thermal feeding	15 – 40°C.
Maximum tap water temperature	70°C.
Size	55x42x30 cm (bxhxd)

**Ecocon W2
Heat pump 2KW
(water – water)**

