

# OBOX C

## BUILDING WASTEWATER HEAT RECOVERY SYSTEM

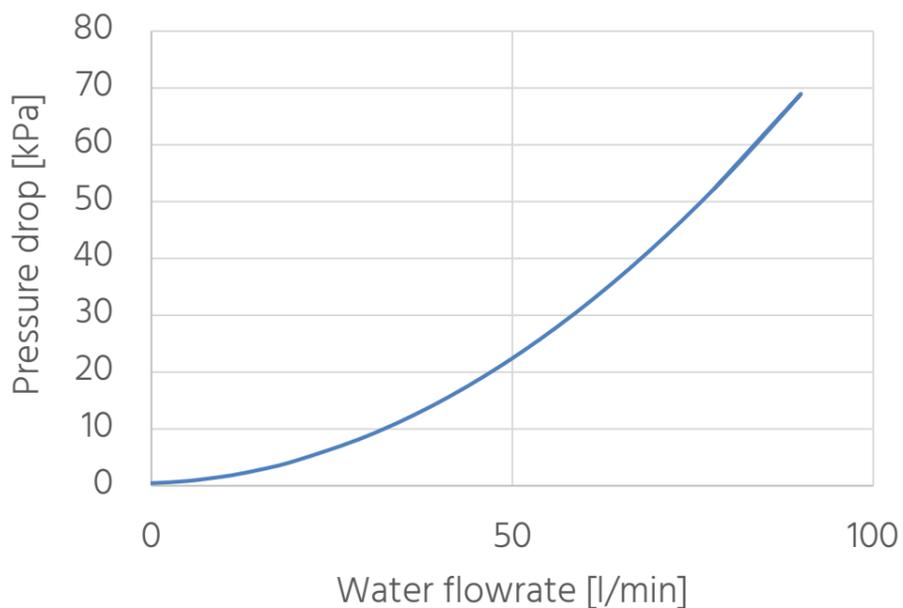


### USE

Obox C is a self-cleaning heat exchange system capable of handling waste water.

It is used to recover heat from residential, hotel or tertiary waste water and thus heat the cold water that supplies the DHW production plant.

Automated self-cleaning capability and double-wall stainless steel heat exchanger ensure maximum efficiency and durability.

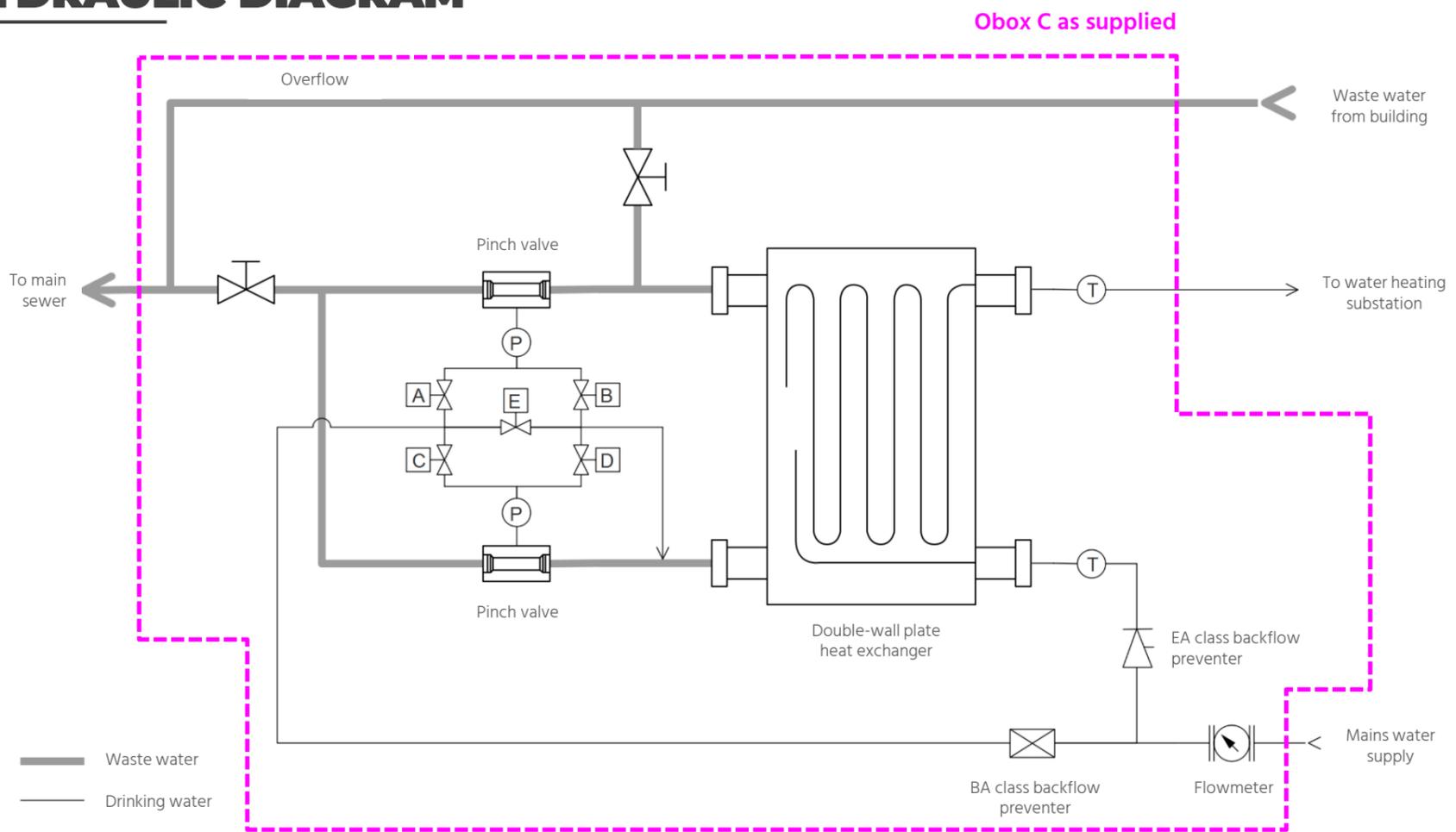


### SPECIFICATIONS

Dimensions	85 × 60 × 40 cm
Mass	49,5 kg
Nominal preheated water temperature	32,3 °C
Nominal recovered power	16,1 kW
Test pressure	10 bar
Pressure drop at 12 l/min	2 mbar
Warranty	2 years

*Nominale heat exchange is defined as between 930 l/h and 35 °C water and 620 l/h and 10 °C water.*

# HYDRAULIC DIAGRAM

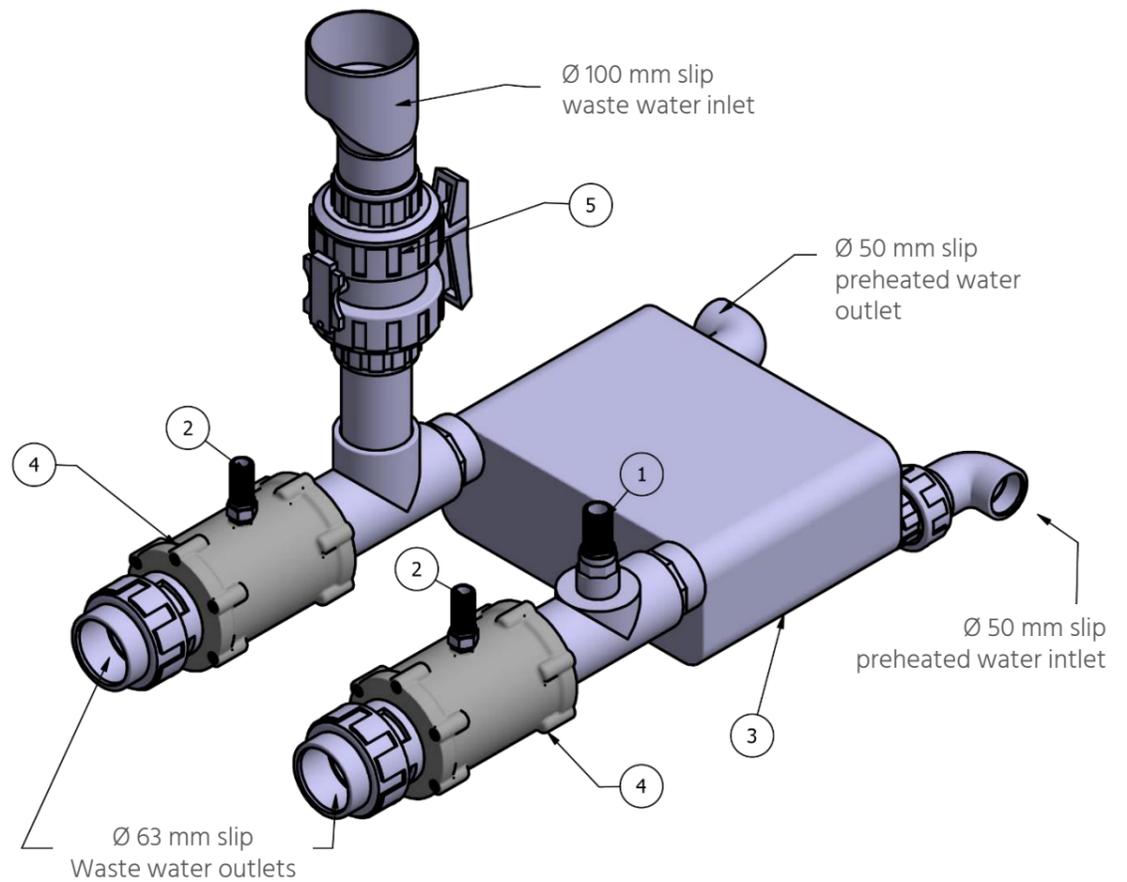


## INSTALLATION

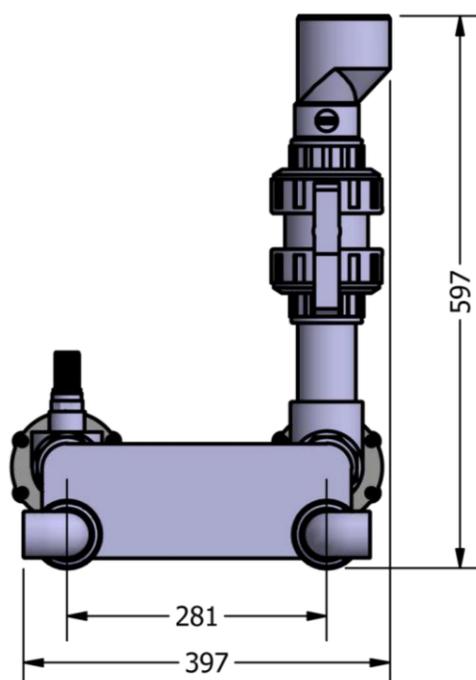
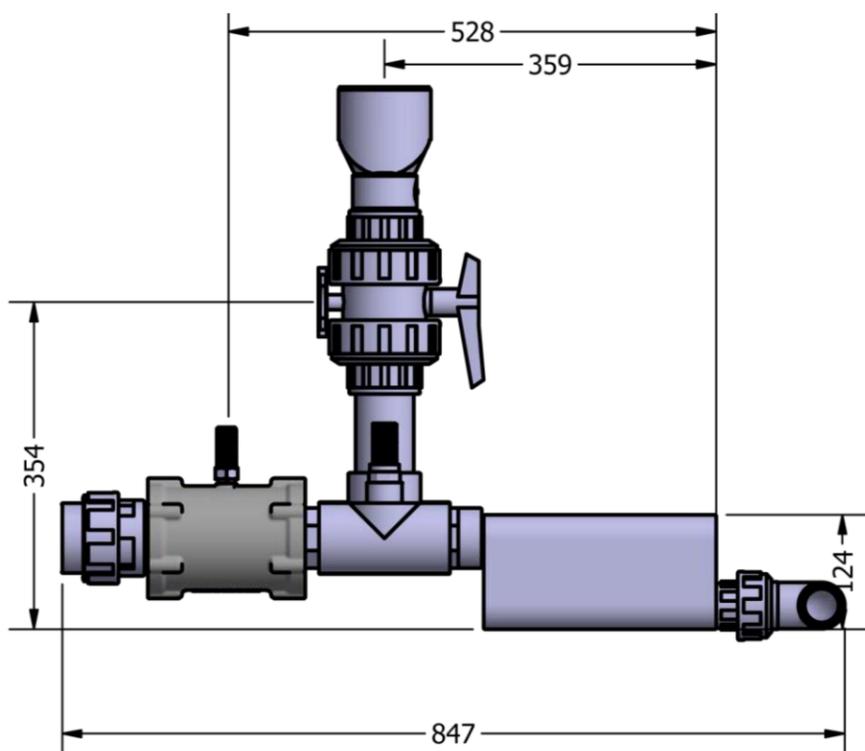
Obox C is to be placed on the ground or suspended on a cradle.

Obox C is designed to treat pressurized domestic water (1 to 5 bar) on the one hand and wastewater in a gravitational flow on the other hand. The wastewater outlet must be above the level of the main collector and reach it with an uninterrupted slope of at least 2%.

Obox P is delivered in 9 elements to be assembled by clamping 3 pieces unions on a 120x80x40x40 pallet, the whole weighing 85.5 kg.



## DIMENSIONS



- ① self-cleaning inlet – factory connected
- ② connection to pinch valve – factory connected
- ③ heat exchanger
- ④ pinch valves
- ⑤ manual disconnect valve