

## Gebwell KVL300 hot water heater

Gebwell KVL300, modular hot water heater is designed for producing and storing domestic hot water for detached, row and vacation houses. The hot water heater produces enough hot water for the entire family. The advanced insulation solutions result in substantial additional savings and reduce environmental impact.

Gebwell thermal storage tanks have been designed, manufactured and tested in Finland. When designing the storage tanks, attention has been paid to allow easy installation and servicing. The storage tanks have been manufactured using high-quality components and operational reliability and usability are top class.

Gebwell KL300 is a vertical, free-standing unit. The installation is made easier using levelling feet on the base.

Tank of the hot water heater is made of special stainless steel. The maximum service pressure of the tank is 1.0 MPa (10 bar). Exterior is made of white powder-painted steel sheet metal. Other colour options are available upon special order.

Insulation in the hot water heater is pressure-moulded, freon-free polyurethane. The urethane fills the entire space between the exterior sheeting and the water tank, which results in excellent thermal insulation properties and top-notch energy-efficiency. Pressure-moulded polyurethane also acts as the frame of the storage tank and makes it sturdy.

The heating element in the KVL300 is an Incoloy Electric immersion heater which can be used with either 1- or 3-phase connection.

The KVL300 hot water heater is equipped with continuous heating temperature control, a maximum temperature limiter (thermostat and

overheating protection) and an on-off switch.

### Gebwell KVL300 hybrid

Gebwell KVL300 hybrid is a hot water heater equipped with a heating coil specially designed for heat pumps, but it may also be used with other sources of heat such as oil or wood boilers and even with solar heating systems. Using a coil to heat the water means that the hot water can be pumped out more quickly.

### Installation

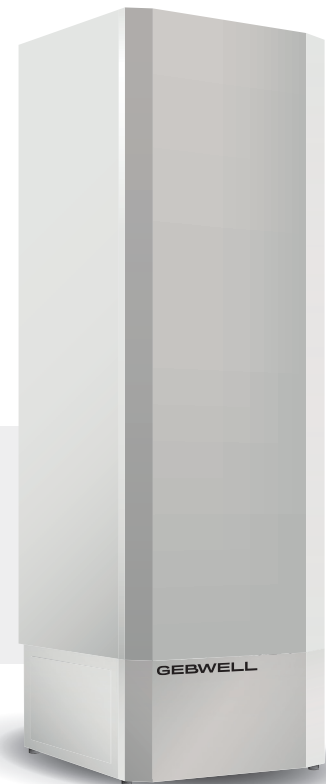
In the back of the hot water heater, there is room on both sides of the tank for pipe installations directing either up or to the side.

The hot water heater has a mixture valve and a set of safety valves (thermostat valve, shut-off/check valve, safety/drainage valve) for water connections. The set of safety valves include a safety valve that opens at 1.0 MPa (10 bar).

### Warranty

Gebwell hot water tanks have a two-year warranty against defects in materials and manufacturing defects.

- Manufactured in Finland
- Energy saving
- Noiseless
- Continuous heating temperature control
- Easy installation



	Gebwell KVL300	Gebwell KVL300 hybrid**
GTIN	6415852380523	6415852380547
Colour	White	White
Volume	275 l	275 l
Max. allowed temperature	100 °C	100 °C
Min. allowed temperature	0 °C	0 °C
Max. allowed operating pressure	1,0 MPa	1,0 MPa
Power	3 kW	3 kW
Heat loss	1,23 kWh / day	1,23 kWh / day
Heating coil	no	yes, 25m
Max. recommended heat pump capacity	-	16 kW
Energy efficiency class	<b>C</b>	<b>C</b>
Voltage	50/60 Hz 230/400 V 3P~/ 1P~	50/60 Hz 230/400 V 3P~/ 1P~
Protection class*	IPX4	IPX4
Recommended fuse size	3x6 / 1x16	3x6 / 1x16
Maximum fuse size	3x16 / 1x16	3x16 / 1x16
Dimensions (depth, width, height)	595 x 595 x 1890 mm	595 x 595 x 1890 mm
Weight	90 kg	105 kg

\* The IPX4 splash proof IP rating is achieved by installing the accumulator on a solid floor next to a wall.

\*\* pat.pend. PCT/FI2015/050941