

GEBWELL

INSTALLATION RECORD

Gebwell heat pumps for real estate

T2 | T3 | Gemini | Taurus



- The heat pump system must be inspected in accordance with the applicable regulations before commissioning.
- The inspection should be performed by a qualified person.
- The installation record should be completed before the equipment is handed over to the customer. The customer will keep the installation record.
- A completed installation record is a precondition for the validity of the warranty. Keep the installation record in a safe place.

	Tick the correct model:	Serial number:	
Heat pump model (master):	<input type="checkbox"/> T2 <input type="checkbox"/> Gemini <input type="checkbox"/> Taurus 90 <input type="checkbox"/> T3 Inverter <input type="checkbox"/> Gemini Inverter <input type="checkbox"/> Taurus Inverter Pro <input type="checkbox"/> Taurus EVI		
Heat pump model (slave 1):	<input type="checkbox"/> T2 <input type="checkbox"/> Gemini <input type="checkbox"/> Taurus 90 <input type="checkbox"/> T3 Inverter <input type="checkbox"/> Gemini Inverter <input type="checkbox"/> Taurus Inverter Pro <input type="checkbox"/> Taurus EVI		
Heat pump model (slave 2):	<input type="checkbox"/> T2 <input type="checkbox"/> Gemini <input type="checkbox"/> Taurus 90 <input type="checkbox"/> T3 Inverter <input type="checkbox"/> Gemini Inverter <input type="checkbox"/> Taurus Inverter Pro <input type="checkbox"/> Taurus EVI		
Heat pump model (slave 3):	<input type="checkbox"/> T2 <input type="checkbox"/> Gemini <input type="checkbox"/> Taurus 90 <input type="checkbox"/> T3 Inverter <input type="checkbox"/> Gemini Inverter <input type="checkbox"/> Taurus Inverter Pro <input type="checkbox"/> Taurus EVI		
Heat pump model (slave 4):	<input type="checkbox"/> T2 <input type="checkbox"/> Gemini <input type="checkbox"/> Taurus 90 <input type="checkbox"/> T3 Inverter <input type="checkbox"/> Gemini Inverter <input type="checkbox"/> Taurus Inverter Pro <input type="checkbox"/> Taurus EVI		
Installation firm:		Name:	
Installation date:		Phone:	
Electrician:		Name:	
Installation date:		Phone:	

Inspected	Description	Markings/observations
COLLECTOR CIRCUIT:		
<input type="checkbox"/>	Pipe installation inspected	
<input type="checkbox"/>	Circulation direction of components	
<input type="checkbox"/>	Pressure testing completed	
<input type="checkbox"/>	Network flush completed	
<input type="checkbox"/>	System filled with heat collecting liquid	
	Heat collecting liquid:	
	- Type	
	- Mix ratio (%)	
	- Freezing point (°C)	
	- Volume (litres)	
<input type="checkbox"/>	Venting completed	
<input type="checkbox"/>	Operating pressure of the collector (bar)	
<input type="checkbox"/>	Volume of the expansion tank (litres)	
<input type="checkbox"/>	Initial pressure of the expansion tank (bar)	
<input type="checkbox"/>	Opening pressure of the safety valve (bar)	
<input type="checkbox"/>	Shut-off valves inspected	
<input type="checkbox"/>	Strainer inspected/cleaned	
	Active boring depth (m)	
	Total length of collector pipe (m) * Enter the lengths of the collector loops (loop 1, loop 2, etc.)	

Checked _____ by _____ (date)

Inspected	Description	Markings/observations
HEATING SYSTEM:		
<input type="checkbox"/>	Pipe installation inspected	
<input type="checkbox"/>	Circulation direction of components inspected **	
<input type="checkbox"/>	Pressure testing completed	
<input type="checkbox"/>	Network flush completed	
<input type="checkbox"/>	Filled with water (other heat collecting liquid)	
<input type="checkbox"/>	Venting completed	
<input type="checkbox"/>	Operating pressure of the heating system (bar)	
<input type="checkbox"/>	Volume of the expansion tank (litres)	
<input type="checkbox"/>	Initial pressure of the expansion tank (bar)	
<input type="checkbox"/>	Opening pressure of the safety valve (bar)	
<input type="checkbox"/>	Shut-off valves inspected	
<input type="checkbox"/>	Strainer inspected/cleaned	

Checked _____ by _____ (date)

** When the circulation direction of the components is inspected, care should be taken to ensure that the non-return valves – balancing valves – circulator pumps – filters – motor valves are the correct way round and the planned circulation direction is realised.

Inspected	Description	Markings/observations
ELECTRICITY: inspecting the placement of electrical connections and components		
<input type="checkbox"/>	Heat pump fuses (A / type)	
<input type="checkbox"/>	Sensors	
<input type="checkbox"/>	- Outdoor temperature sensor (B9)	
<input type="checkbox"/>	- Cascade supply temperature sensor (B10)	
<input type="checkbox"/>	- Common flow sensor (B11)	
<input type="checkbox"/>	Connections to a backup heat source	

Checked _____ by _____ (date)

	CONTROLLER:	
<input type="checkbox"/>	Configured to correspond to the system	
<input type="checkbox"/>	Higher-level automation control:	
	<input type="checkbox"/> % control	
	<input type="checkbox"/> °C control	
<input type="checkbox"/>	The heat pump controls the heating in the real estate	
	<input type="checkbox"/> Setting the heating curve	
	<input type="checkbox"/> Setting the output water threshold values	
<input type="checkbox"/>	Room setpoint for the heating circuit	
<input type="checkbox"/>	Minimum setpoint for supply water to the heating circuit	
<input type="checkbox"/>	Maximum setpoint for supply water to the heating circuit	

Checked _____ by _____ (date)

START-UP AND TESTING OF THE HEAT PUMP:		
<input type="checkbox"/>	System started up in accordance with the instructions	
Functions tested:		
<input type="checkbox"/>	External actuators/controllers (change-over valve, control groups, measurements)	
<input type="checkbox"/>	Building automation connection functionality	
<input type="checkbox"/>	Cascade functionality	
<input type="checkbox"/>	Additional heat source functionality	

Checked _____ by _____ (date)

USER GUIDANCE:		
<input type="checkbox"/>	Adjusting the heating and domestic hot water settings	
<input type="checkbox"/>	Adding fluid to the collector	
<input type="checkbox"/>	Increasing the pressure of the heating system	
<input type="checkbox"/>	Setting the heating adjustment curve	

Checked _____ by _____ (date)

WARRANTY

Gebwell Ltd

Patruunapolku 5, 79100 LEPPÄVIRTA, Finland, tel. +358 20 1230 800, info@gebwell.fi

issues this product,

T2, Gemini, Taurus, T3 Inverter, Gemini Inverter, Taurus Inverter Pro, Taurus EVI heat pump

with the following warranty regarding manufacturing and material faults

Warranty period and entry into force

Heat pumps come with a warranty of two (2) years starting from the purchase date. In addition, the warranty can be extended by three (3) years. An three-year extended warranty is granted for ground source heat pumps installed by an installation company authorised by Gebwell Oy and registered within six months after the installation. The extended warranty does not apply to any additional equipment, accessories or other system parts of ground source heat systems. The start date of the warranty must be verified by presenting a purchase receipt. If no receipt is presented, the warranty start date is considered to be the delivery date from the factory. If there is more than one month between the delivery date of the device and the invoice date, the warranty is deemed to start one month after the delivery date.

The technician/retailer of the ground source heat pump completes the installation record and reviews it with the customer. The customer keeps the installation record. Both parties verify that they have read and understood the installation log, and they accept the installation by filling in the respective data onto the registration form found on the Gebwell Oy's website. Registration will extend the warranty period by three years. The customer will be provided with an email confirmation on the successful registration. If no confirmation is delivered, the customer can ask for it directly from Gebwell Oy. If the installation record has not been properly completed, the extended warranty will not be valid.

Warranty content

This warranty covers manufacturing or material defects detected in this product within the warranty period, as well as direct costs resulting from repairing the device.

The buyer is liable for all defects caused due to the storage conditions during the period between the delivery date and the commissioning date (see the installation, operation and maintenance manual; storage).

Warranty limitations

The warranty does not cover costs resulting from a defective device (travel, energy, etc. costs), damage caused by a defective device, the buyer's production losses, profits not realised, or other indirect costs.

This warranty has been provided on the grounds that the product functions correctly in normal use conditions and that the user manual is carefully followed. The liability of the warrantor is limited in accordance with these terms and shall

not, therefore, cover any damages caused by the product to another object or person.

The warranty does not apply to direct personal injuries or damages to property caused by a defective product delivered.

The warranty is granted on the condition that all effective regulations, generally accepted installation methods and product mounting instructions provided by the manufacturer have been complied with.

The warranty does not cover and is invalid if the product is used in any other way than required by the dimensions.

The customer is liable for visually inspecting the product before installation. A product that is clearly defective must not be installed.

A requirement for the extended warranty is that the product is registered within six months of installation.

The warranty does not include damage caused

- during transportation
- by negligence of the user of the product or overload of the product, failure to observe the operating instructions or to carry out care or maintenance
- by circumstances not dependent on the guarantor, such as fluctuations in power supply voltage (voltage fluctuations can be no more than $\pm 10\%$), thunderstorms, fires or accidents; by service, repairs or structural alterations performed by parties other than authorised repair services
- by installation or placement of the product in contravention of the installation, operation and maintenance manual, or otherwise incorrectly

Moreover, the warranty does not cover the repair of faults that are insignificant in terms of the operation of the equipment, such as superficial scratches. The warranty does not include normal adjustments described in the operation manual, user guidance visits, service and cleaning, or tasks due to negligence of the precautions and installation instruction or investigations of the same.

The warranty terms in accordance with the joint recommendation by the Association of Finnish Metal and Engineering Industries and Kuluttajaneuvosto (Consumer Council) apply to matters not covered by the foregoing.

Some features of the heat pump require a mobile data connection (such as 3G or 4G). If the heat pump is installed in a location with a poor or non-existent mobile data connection, Gebwell cannot guarantee the proper operation of all the features (such as remote access).

Gebwell is liable for the operation of mobile data or the costs incurred due to measures taken to improve mobile data functionality, such as the costs of signal boosters.

The warranty becomes invalid if the product

- is modified or repaired without Gebwell Ltd's consent
- is used for a purpose for which it is not intended
- is stored in humid or otherwise inappropriate conditions (see the installation, operation and maintenance manual)

Actions in the event of a fault

If a fault is detected during the warranty period, the customer must immediately (normally within 14 days) report it to the authorised Gebwell retailer that sold the product. The information to be provided includes the equipment model and serial number of the product and a detailed description of how the fault was found and the conditions under which it occurred and/or arises. The warranty form properly completed in relation to the purchase must be presented upon request. After the warranty has expired, it shall not be considered valid to invoke a defect reported during the warranty period unless the defect was reported in writing during the warranty period.

Defects must be reported as soon as they are detected. If a defect is not reported as soon as the customer detects the fault, or when the customer should have detected the fault, the buyer will lose his/her right to a claim based on this warranty.

Servicing in Finland

Servicing for this product during and after the warranty period in Finland is performed by the servicing organisation authorised by the manufacturer throughout the economic service life of the heat pump.

How to make a service request

Repairs under warranty, servicing requests and orders for spare parts must be directed to the authorised Gebwell retailer that sold/delivered the product. Before making a service request, please ensure the following:

- read the installation, operation and maintenance manual carefully and consider whether you have followed the manual when using the device
- ensure that the warranty period is still valid, you have carefully read the warranty terms and you know the product's model and serial numbers before making a warranty repair request
- all parts belonging to the device to be returned must be packed with the device
- the device to be returned must be closed in such a way that handling it does not have adverse effects on health or the environment.

The device replaced under warranty is the manufacturer's property. Gebwell Oy reserves the right to decide how, where and who will perform repairs or replacements for which the manufacturer is liable.

Gebwell Oy is not liable for breakdown of an incorrectly installed device.

The device may only be repaired by a professional designated by Gebwell Oy. Faulty repairs and installations may cause danger to the user, damage to the device and weaken the efficiency of the device. Please bear in mind that a visit by a retailer or service technician is not free, even during the warranty period, if repairs are required due to faulty installation, repair or adjustment.