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Hot Water &  
Boiler Packages



## ECOTHERM is the leading brand for turnkey hot water, steam and solar systems for hotels, hospitals and industry in the Middle East.

ECOTHERM amazes its customers with “Individual Heat Transfer Solutions” for hot water, steam and solar generation. The following advantages mark these solutions:

### **Individuality**

ECOTHERM realizes extensive turnkey systems as well as the production of separate components. Each single plant is specifically aligned to the customer's individual requirements. The basis is an own production in Austria and a wide product portfolio.

### **Premium quality**

All products made of high-class duplex stainless steel guarantee a long-life cycle and perfect hygiene. ECOTHERM is certified to ISO 9001 : 2008 with all required European standards.

### **Innovation**

We are always open to the new, we constantly investigate new technologies and we develop path-breaking and future-oriented products.

### **Premium service**

Clients benefit from extensive service at consulting, planning, engineering, supervision and training. ECOTHERM regularly improves the know-how of its partners and clients via selective trainings.

### **Efficiency**

The ECOTHERM Group managed by the owner has slim decision-making structures. ECOTHERM turnkey solutions from one single source and the economical handling of energy resources offer an optimal cost-benefit ratio.

### **Experience**

With over thousand installations in the last decade in Europe, the Middle East, Asia, North Africa and Central America, ECOTHERM has become one of the technology and innovation leaders for individual hot water, steam and solar solutions on the market.

### **Reliability**

ECOTHERM systems are monitored around the clock and can be serviced at low cost, quickly and efficiently via an advance control panel. Our designed plants have low maintenance requirements and are totally dependable.

### **Sustainability**

ECOTHERM products help our customers to save energy and money. We save valuable resources through the use of renewable energies. ECOTHERM high-performance plants have minimal space requirements and provide maximum energy savings. When planning new products ECOTHERM engineers take all the qualitative and economic principles into account in accordance with ecological principles.

### **Partnership**

We live in a partnership with all our customers, suppliers and employees. This relationship is characterized by honesty, commitment, openness, trust and reliability. The object is a joint long-term success.

### **Internationality**

The international alignment of ECOTHERM with branches in Dubai, Kuwait, Mexico, Hungary, India and partners in more than 20 countries is the basis for our flexible and efficient project implementation that is always on schedule.

# ECOTHERM Hot Water & Boiler Packages

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**Turnkey Hot Water & Boiler Package with one boiler and one stainless steel calorifier with internal spiral flat heating coil** with burner, control panel, expansion vessel, interconnecting piping & accessories

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Type: EBPI-...-1-...-B



**Turnkey Hot Water & Boiler Package with two boilers and two-stainless steel calorifiers with internal spiral flat heating coil** with burner, control panel, expansion vessel, interconnecting piping & accessories

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## Components

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## Top 12 Advantages



### **Stainless Steel**

Best hygiene, quality and lifetime.



### **ECOTHERM spiral flat heating coils**

The patented spiral flat heating coil is mounted horizontally at the bottom of the storage tank.



### **Premium quality**

Components are made of high quality stainless steel (1.4571/Duplex)



### **Individuality**

Each system is individually designed and optimized.



### **Minimum space requirement**

by individual design and high performance components (spiral flat heating coils)



### **Easy to operate**

Electronic control with touch-screen and option for remote maintenance via PC (optional)



### **High quality fiber-fleece insulation**

Up to 30 percent less heat losses, patented aluminum closure strips and patented covering rosettes



### **Easy installation on site**

Preinstalled, wired, space-saving packaging



### **ECOTHERM Academy**

Training and Support



### **Fresh hot water system with maximum hygiene**

Optimal hot water hygiene, reduced risk of Legionella and scaling. Hot water is generated on demand, low storage volumes



### **Highest savings**

Energy efficient, minimal maintenance costs



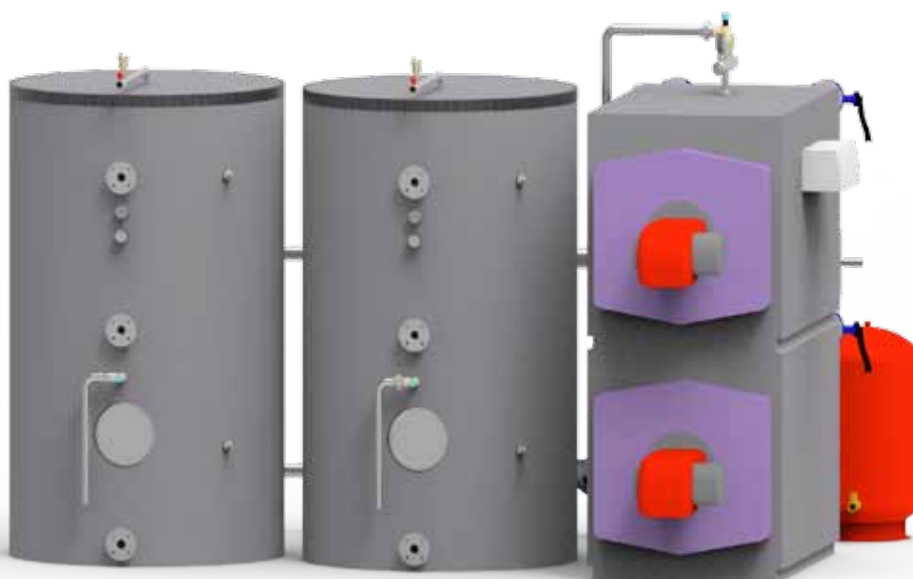
### **Experience**

Worldwide more than 1,000 installed systems

**Turnkey Hot Water & Boiler Package with one boiler and one stainless steel calorifier with internal flat spiral heating coil**  
**Type: EBPI-...-1-...-B**



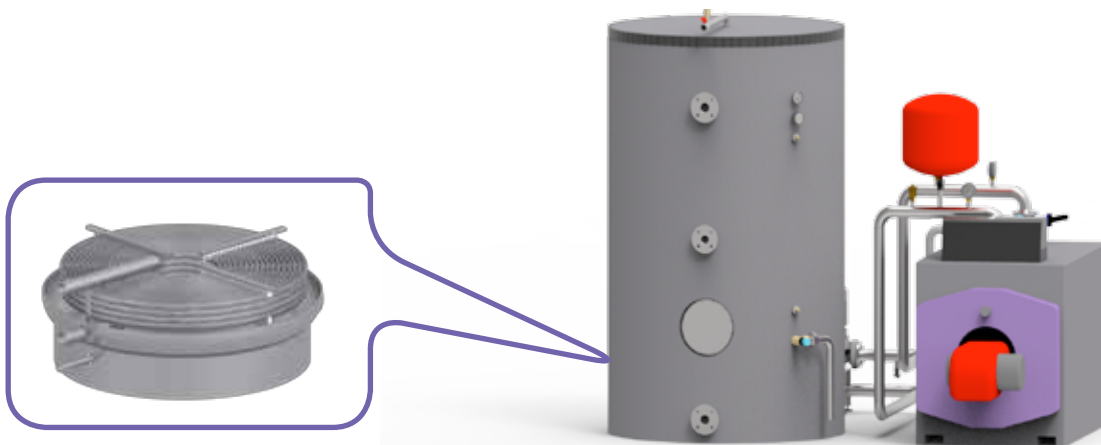
**Turnkey Hot Water & Boiler Package with two boiler and two stainless steel calorifiers with internal flat spiral heating coil**  
**Type: EBPI-...-2-...-B**





## Turnkey Hot Water & Boiler Package with one boiler and one stainless steel calorifier with internal flat spiral heating coil

### Type: EBPI-...-1-...-B



#### Hot Water & Boiler Package\*

Preassembled turnkey solution with one triple pass boiler, gas or oil fired burner, one stainless steel calorifier with internal flat spiral heating coil, control panel, expansion vessel and accessories for hot water boiler system for easy fast installation and compact dimensions. This includes pre-assembling, mild steel interconnecting piping according to European pressure directive (PED) EN between boilers and all other delivered units up to the calorifier, incl. all valves and accessories (no piping insulation included / only for boiler and water heaters). Pre-wiring of control voltage to all delivered equipment from control panel.

#### ECOTHERM gas or oil fired triple pass boilers, type EWBI

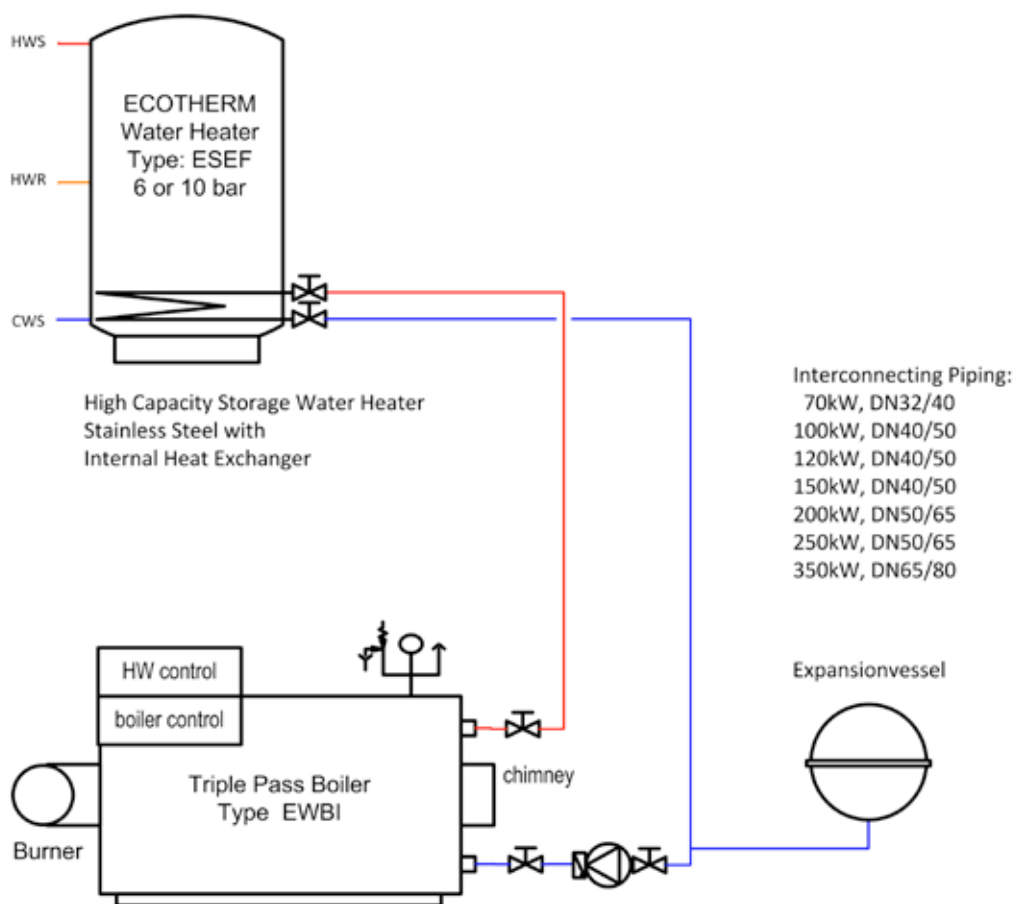
- The boiler is a three pass reverse flame horizontal fire tube boiler suitable for use on liquid and gaseous fuels.
- The boiler efficiency is rated at 2 star according to the 92/42/CEE, directice an efficiency than can be achieved with a traditional boiler.
- The boiler is robust, giving long life, high efficiency and easy maintenance, which are guaranteed by:
  - fully automatically laser cut and electrically welded steel bodys
  - flanged front plate and dished end without T-butt weld to the furnace
  - flue gas tubes inserted with high temperature steel spiral turbolators
  - high water volume
  - anti scale and anti condensate design
  - ceramic fibre insulated front door with reversible opening
  - casing made of easy-to-mount painted steel panels

**Consists of:** Boiler EWBI with boiler control unit for economical consumption, fully automatic, incl. safety unit. (air pot, manometer, safety valve, air vent.), 80mm insulation and cladding, flanged connections, complete with boiler body 5bar

#### Gas or oil burner

- The ECOTHERM gas or oil burner have been designed for use in installations of apartment buildings, hotels, hospitals or also in industrial applications.
- Operation: the combustion heat, that can be set on the basis of required output, allows optimal performance ensuring good combustion and reducing fuel consumption - the best way for economical solution.
- The main feature of these burners is their reliability due to a simple and strong construction, which permits operation without particular maintenance intervention.
- Simplified maintenance is achieved by the slide bar system, which allows easy access to all of the essential components of the combustion head. All electrical components are easily accessible only by dismounting a protection panel, thus guaranteeing a quick and simple intervention on components.

### Schematic drawing EBPI-...-1-...-1-...



#### Features

- Simple installation and short mounting time
- Maximum working pressure/testing pressure: secondary 6/7.8bar; primary 3/4.5bar
- Optional: secondary 10/13bar

#### Hot water generation

This heating system is designed for domestic hot water.

## Turnkey Hot Water & Boiler Package with two boiler and two stainless steel calorifiers with internal flat spiral heating coil

### Type: EBPI-...-2-...-B



#### Hot Water & Boiler Package\*

Preassembled turnkey solution with two triple pass boiler, gas or oil fired burner, two stainless steel calorifier with internal flat spiral heating coil, control panel, expansion vessel and accessories for hot water boiler system for easy fast installation and compact dimensions. This includes pre-assembling, mild steel interconnecting piping according to European pressure directive (PED) EN between boilers and all other delivered units up to the calorifier, incl. all valves and accessories (no piping insulation included / only for boiler and water heaters). Pre-wiring of control voltage to all delivered equipment from control panel.

#### ECOTHERM gas or oil fired triple pass boilers, type EWBI

- The boiler is a three pass reverse flame horizontal fire tube boiler suitable for use on liquid and gaseous fuels.
- The boiler efficiency is rated at 2 star according to the 92/42/CEE, directive an efficiency than can be achieved with a traditional boiler.
- The boiler is robust, giving long life, high efficiency and easy maintenance, which are guaranteed by:
  - two equal capacity stacked modules. Connected with flow and return headers.
  - fully automatically laser cut and electrically welded steel bodys
  - flanged front plate and dished end without T-butt weld to the furnace
  - flue gas tubes inserted with high temperature steel spiral turbolators
  - high water volume
  - anti scale and anti condensate design
  - ceramic fibre insulated front door with reversible opening
  - casing made of easy-to-mount painted steel panels

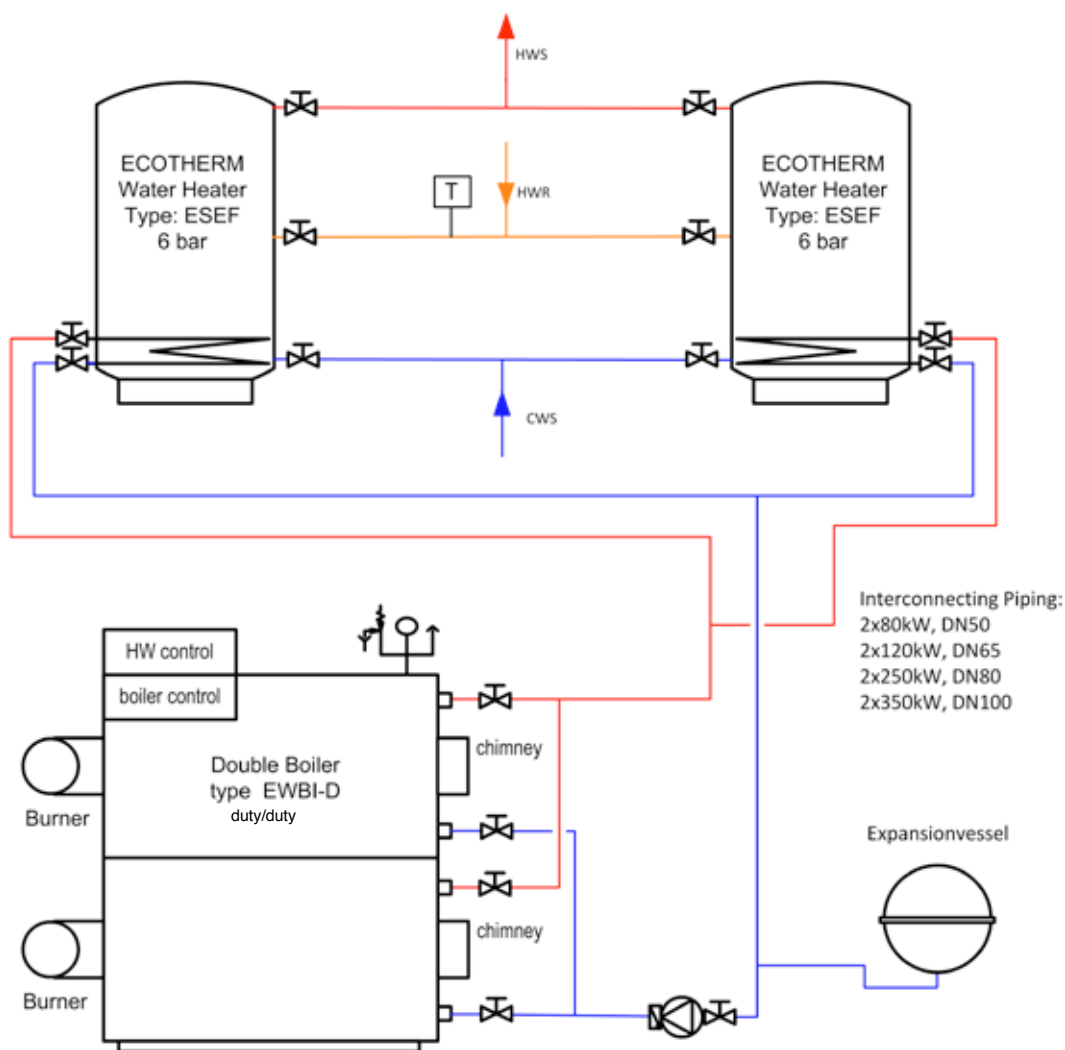
**Consists of:** Boiler EWBI with boiler control unit for economical consumption, fully automatic, incl. safety unit. (air pot, manometer, safety valve, air vent.), 80mm insulation and cladding, flanged connections, complete with boiler body 5bar



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- Operation: the combustion heat, that can be set on the basis of required output, allows optimal performance ensuring good combustion and reducing fuel consumption - the best way for economical solution.
- The main feature of these burners is their reliability due to a simple and strong construction, which permits operation without particular maintenance intervention.
- Simplified maintenance is achieved by the slide bar system, which allows easy access to all of the essential components of the combustion head. All electrical components are easily accessible only by dismounting a protection panel, thus guaranteeing a quick and simple intervention on components.

### Schematic drawing EWBI-....-ESEF-.....-SS



#### Features

- Simple installation and short mounting time
- Maximum working pressure/testing pressure: secondary 6/7.8bar; primary 3/4.5bar
- Optional: secondary 10/13bar

#### Hot water generation

This heating system is designed for domestic hot water in duty/duty completion. If one of the boilers or storage tanks is switched off for maintenance, the second boiler or tank can supply still 50% of the peak demand.

## ECOTHERM gas or oil fired triple pass boilers

The boiler is a three pass reverse flame horizontal fire tube boiler suitable for use on liquid and gaseous fuels.

The boiler efficiency is rated at 2 star according to the 92/42/CEE, directice an efficiency than can be achieved with a traditional boiler.

The boiler is robust, giving long life, high efficiency and easy maintenance.

Fully automatically laser cut and electrically welded steel bodys.

Flanged front plate and dished end without T-butt weld to the furnace.

Flue gas tubes inserted with high temperature steel spiral turbolators.

High water volume.

Anti scale and anti condensate de-

sign.

Ceramic fibre insulated front door with reversible opening.

Casing made of easy-to-mount painted steel panels.



## ECOTHERM gas or oil burner

The ECOTHERM gas or oil burner have been designed for use in installations os apartment buildings, hotels, hospitals or also in industrial applications.

Operation: the combustion heat, that can be set on the basis of required output, allows optimal performance ensuring good combustion and reducing fuel consumption - the best way for economical solution.

The main feature of these burners is their reliability due to a simple and strong construction, which permits operation without partikular maintenance intervention.

Simplified maintenance is achieved by the slide bar system, which allows easy access to all of the essential components of the combustion head.

All electrical components are easily accessible only by dismounting a protection panel, thus guaranteeing a quick and simple intervention on components.



## ECOTHERM high capacity water heater EHSF

Pressure-resistant high capacity water heater made of stainless steel (Duplex/316Ti) with stainless steel flat heating coils mounted horizontally at the bottom of the storage tank. The coils have an special cross-section for maximum performance and optimum layering. The systems complies with the DVGW guidelines for reducing a Legionellainfection risk at large-scale systems.

Optimum hygiene by almost 100% utilization of volume

Storage tank with inspection flange pickled inside and outside in dip tanks.

Fibre-fleece insulation of storage tank with robust outer sheathing made of pp (RAL7034), patented aluminium

closure strips and self-fixing closure caps, quick and easy installation, 80mm insulation up to 1000 litres and 100mm above. 100% recyclable, fire protection class B2 according to EN ISO 11925-2 (B1 upon request)

Designed and produced acc. to European Pressure Vessel Directive 97/23/EC.

Production by TÜV certified welding company according to HP-0 and ISO3834-2, approval to SVGW, ÖVGW and DVGW and certified according to ISO9001:2015.

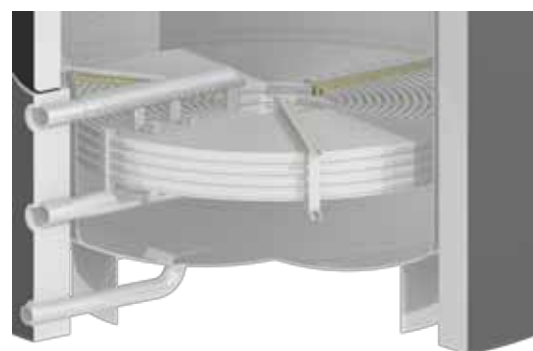


## ECOTHERM's Patented Spiral Flat Heating Coils

Due to its horizontal design, the ECOTHERM flat heating coil is installed in hot water storage tanks entirely in one level of constant temperature. Therefore the heat transfer rate increases compared to conventional spiral coils. The storage tank is heated up almost entirely to the desired final temperature. The standby capacity is 97 percent. Additionally the time for heating up the water in the storage tank is reduced. Conventional spiral coils are located in a mixing temperature zone between 10 and 60 degrees centigrade. This circumstance decreases the efficiency of the coil and - due to the installation height - additionally the standby capacity to 70 percent. This increases the risk of the formation of Legionella bacteria.

### Legionella

Legionnaires' disease is one of a group of diseases collectively known as legionellosis. Legionella pneumophilla is the bacterium responsible for two types of diseases named Pontiac fever and Legionnaires' disease. The majority of people exposed to the bacteria will contract pontiac fever. A small percentage will contract the much more serious legionnaires' disease.

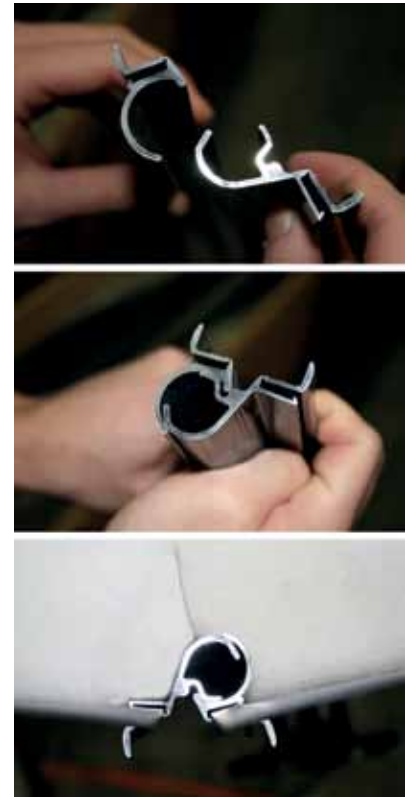


## ECOTHERM's Patented Fibre-Fleece Insulation

ECOTHERM offers unequalled value for money with an own developed fibre-fleece insulation solution. The insulating polyester fibre-fleece offers a greatly improved insulation solution for up to 30 percent less heat losses in the standby mode compared with standard foam insulation. This material is produced from recycled PET bottles with no chemical additives and is itself 100% recyclable. The insulation is flame retardant to DIN 4102-1 in the building material groups B1 or B2.

### Patented components

The patented closure strip allows for simple and quick opening of the outer sheathing cover surface by only one person. The self developed covering rosettes for the connecting sleeves provide an optimal and completely reliable seal while the tight and secure fit prevents any heat loss at the connection points. The sheathing can be printed individually to the customers wishes.



## ECOTHERM Control Panel Basic

**“Control Panel Basic”:** Control for

- 1x low-temperature boiler with boiler control panel (TR/STL) and boiler temperature sensor
- 1x burner (gas or oil)
- 1x storage tank with heating coil, 2 sensors (for on-site immersion sleeve) and external current anode

- 1x two-phase charging pump on the boiler



## Accessories

### Boiler:

- Expansion vessel
- Safety valve
- Primary temperature gauge
- Pressure switch
- Ball valves
- Air vent

### Hot water calorifier:

- Pressure gauge
- Temperature gauge
- Safety valve
- Air vent
- Anti vacuum valve
- E-Anodes
- Dielectric isolator
- Ball Valves

# Selection List

## Hot Water & Boiler Package EBPI-xxx-1-xxxx-x-x

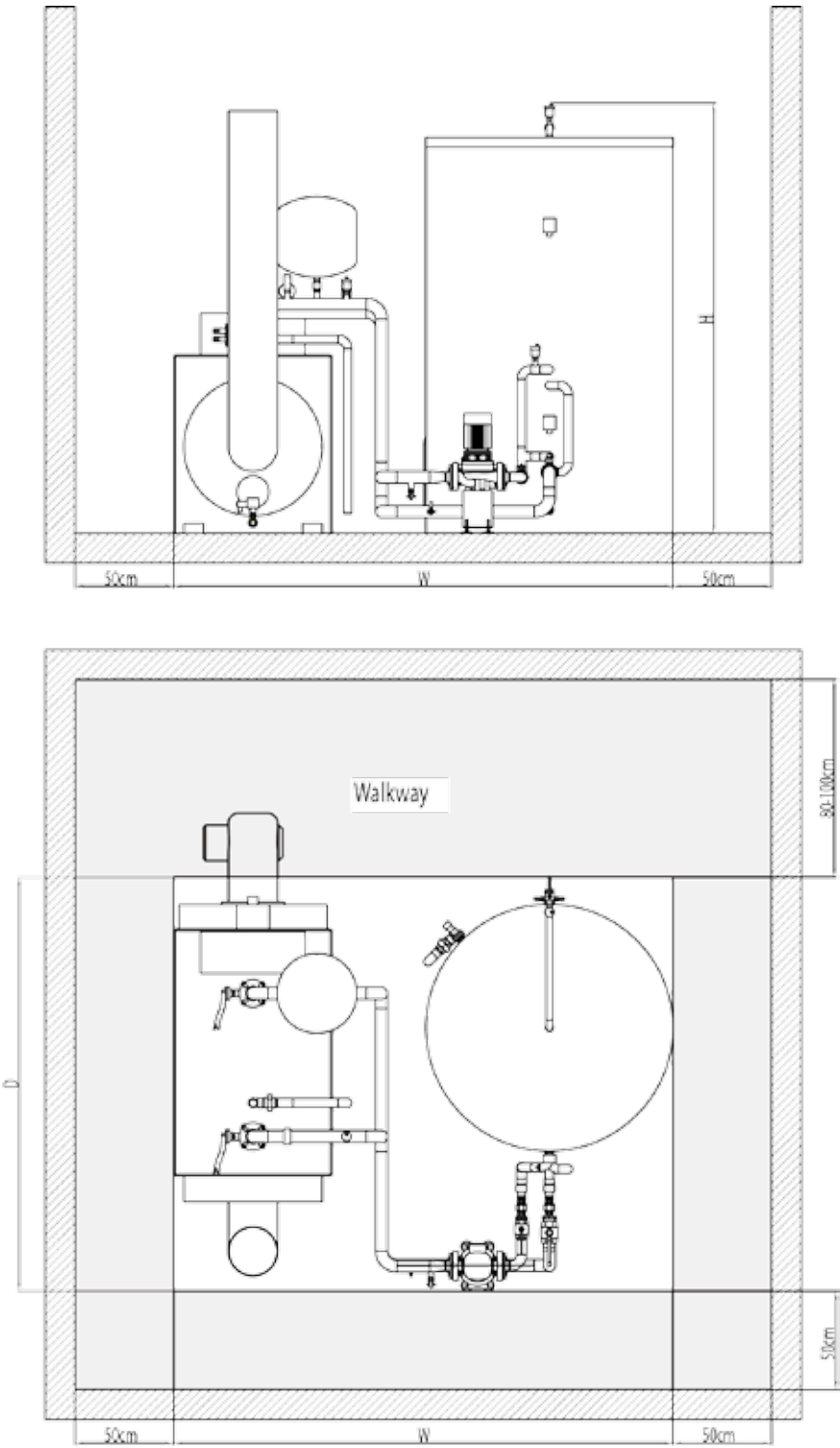


Power out  kW	Storage volume total litres	primary		secondary			dimensions			(appr.) weight total kg	Nominal rating  NL2*	Part No.
		80/60  m³/h	DN	20/60  m³/h	25/55  m³/h	DN	width (W) mm	height (H) mm	depth (D) mm			
70	750	3.0	32	1.5	2.0	25	1966	2100	1698	476	20	
70	1000	3.0	32	1.5	2.0	25	2106	2100	1698	496	23	
70	1500	3.0	32	1.5	2.0	25	2356	2150	1698	594	29	
70	2000	3.0	32	1.5	2.0	25	2506	2200	1698	701	34	
100	750	4.3	40	2.15	2.87	32	1966	2100	1823	528	29	
100	1000	4.3	40	2.15	2.87	32	2106	2100	1823	548	32	
100	1500	4.3	40	2.15	2.87	32	2356	2150	1823	646	38	
100	2000	4.3	40	2.15	2.87	32	2506	2200	1823	753	43	
120	750	5.16	40	2.58	3.44	32	1966	2100	1899	538	35	
120	1000	5.16	40	2.58	3.44	32	2106	2100	1899	558	38	
120	1500	5.16	40	2.58	3.44	32	2356	2150	1899	656	44	
120	2000	5.16	40	2.58	3.44	32	2506	2200	1899	763	50	
150	750	6.5	40	3.22	4.3	32	2016	2100	2144	626	45	
150	1000	6.5	40	3.22	4.3	32	2156	2100	2144	646	47	
150	1500	6.5	40	3.22	4.3	32	2406	2150	2144	744	53	
150	2000	6.5	40	3.22	4.3	32	2556	2200	2144	851	59	
200	1000	8.6	50	4.3	5.73	40	2156	2100	2144	656	63	
200	1500	8.6	50	4.3	5.73	40	2406	2150	2144	754	69	
200	2000	8.6	50	4.3	5.73	40	2556	2200	2144	861	75	
200	3000	8.6	50	4.3	5.73	40	2656	2650	2144	956	87	
200	4000	8.6	50	4.3	5.73	40	2806	2850	2144	1066	96	
200	5000	8.6	50	4.3	5.73	40	2956	2850	2144	1106	108	
250	1000	10.75	50	5.37	7.17	50	2156	2100	2580	751	78	
250	1500	10.75	50	5.37	7.17	50	2406	2150	2580	849	87	
250	2000	10.75	50	5.37	7.17	50	2556	2200	2580	956	90	
250	3000	10.75	50	5.37	7.17	50	2656	2650	2580	1051	102	
250	4000	10.75	50	5.37	7.17	50	2806	2850	2580	1161	114	
250	5000	10.75	50	5.37	7.17	50	2956	2850	2580	1201	126	
350	1000	15.05	65	7.52	10.0	50	2256	2100	2830	872	111	
350	1500	15.05	65	7.52	10.0	50	2506	2150	2830	970	120	
350	2000	15.05	65	7.52	10.0	50	2656	2200	2830	1077	126	
350	3000	15.05	65	7.52	10.0	50	2756	2650	2830	1172	138	
350	4000	15.05	65	7.52	10.0	50	2906	2850	2830	1282	147	
350	5000	15.05	65	7.52	10.0	50	3056	2850	2830	1322	159	

\*) Nominal output type NL2 for hotels, hospitals and restaurants

# Dimensions

Hot Water & Boiler Package EBPI-xxx-1-xxxx-x-x





# Selection List

## Hot Water & Boiler Package EBPI-xxx-2-xxxx-x-x



Power out  kW	Storage volume total litres	primary*		secondary**			dimensions			(appr.) weight total kg	Nominal rating  NL2***	Part No.
		80/60  m³/h	DN	20/60  m³/h	25/55  m³/h	DN	width (W) mm	height (H) mm	depth (D) mm			
160	750	6.88	50	3.44	4.59	40	3076	2100	2069	885	47	
160	1000	6.88	50	3.44	4.59	40	3356	2100	2069	925	51	
160	1500	6.88	50	3.44	4.59	40	3856	2150	2069	1121	57	
160	2000	6.88	50	3.44	4.59	40	4156	2200	2069	1335	63	
160	3000	6.88	50	3.44	4.59	40	4356	2650	2069	1525	72	
160	4000	6.88	50	3.44	4.59	40	4656	2850	2069	1745	84	
160	5000	6.88	50	3.44	4.59	40	4956	2850	2069	1825	93	
240	1000	10.32	65	5.16	6.88	50	3356	2100	2270	1049	75	
240	1500	10.32	65	5.16	6.88	50	3856	2150	2270	1245	84	
240	2000	10.32	65	5.16	6.88	50	4156	2200	2270	1459	87	
240	3000	10.32	65	5.16	6.88	50	4356	2650	2270	1649	99	
240	4000	10.32	65	5.16	6.88	50	4656	2850	2270	1869	111	
240	5000	10.32	65	5.16	6.88	50	4956	2850	2270	1949	120	
500	1000	21.5	80	10.75	14.33	65	3406	2100	3014	1438	162	
500	1500	21.5	80	10.75	14.33	65	3906	2150	3014	1634	174	
500	2000	21.5	80	10.75	14.33	65	4206	2200	3014	1848	180	
500	3000	21.5	80	10.75	14.33	65	4406	2650	3014	2038	192	
500	4000	21.5	80	10.75	14.33	65	4706	2850	3014	2258	201	
500	5000	21.5	80	10.75	14.33	65	5006	2850	3014	2338	213	
700	1000	30	100	15.0	20.0	80	3506	2100	3265	1682	216	
700	1500	30	100	15.0	20.0	80	4006	2150	3265	1878	246	
700	2000	30	100	15.0	20.0	80	4306	2200	3265	2092	252	
700	3000	30	100	15.0	20.0	80	4506	2650	3265	2282	264	
700	4000	30	100	15.0	20.0	80	4806	2850	3265	2502	276	
700	5000	30	100	15.0	20.0	80	5106	2850	3265	2582	285	

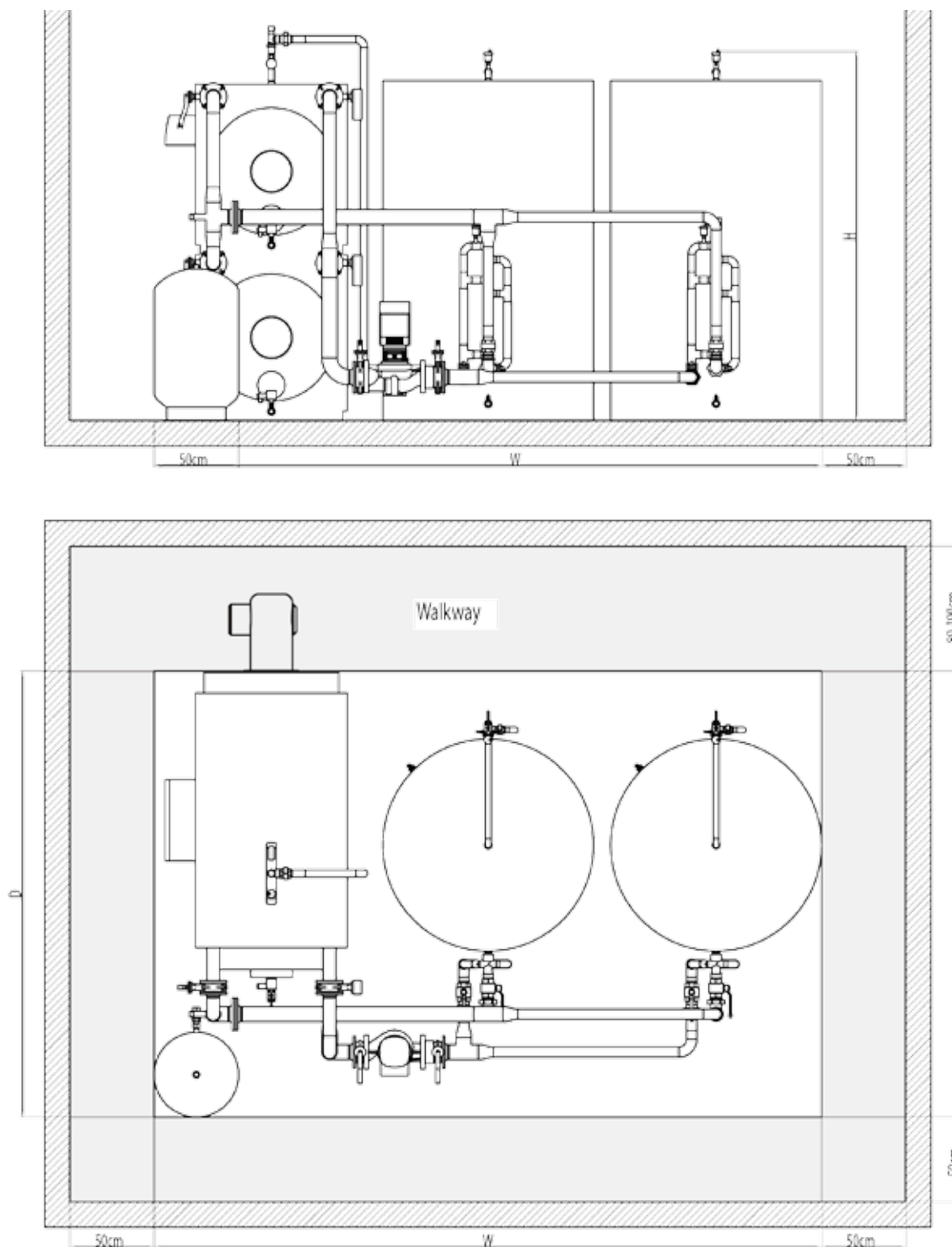
\*) **total flow** primary (both boilers)

\*\*) **total flow** secondary (both storage tanks)

\*\*\* ) **Nominal rating:** Nominal output type NL2 for hotels, hospitals and restaurants

# Dimensions

## Hot Water & Boiler Package EBPI-xxx-2-xxxx-x-x



## Option: ECOTHERM ELC11 Control Panel Pro



*The 2D visualisation at the ECOTHERM 5.7" touch panel allows easy operation and provides maximum clarity.*



*For larger turnkey facilities, the system is visualized together with the building on the ECOTHERM 19" touch panel.*



*On multiple levels, measured values of the system can be checked on the touch panel.*

ECOTHERM high capacity water heater models EHSF are equipped with own ELC logic control unit to ensure permanent control and performance monitoring of hot water output at all times.

The control panel is an intelligent terminal for programming and visualization of automated processes. The process of diagnosis and the operation and monitoring of automated processes are simplified by this installation terminal.

A touch screen is used to enter data and process parameters. The output is displayed on a 5.7" VGA TFT color display.

The operator has complete control of all water heater functions via the keypad and display on the front of the control unit. The operator sets the desired performance parameters, and the control unit operates the water heater fully automatically, constantly monitoring temperatures and controlling the pumps and valves to match the current hot water demand with the lowest possible fuel consumption. All automatic functions can be adjusted, switched on/off or manually overridden by the operator at any time.

**“Control Panel Pro”:** Additional features:

- 1x wall bracket & 1x wiring diagram pocket,
- 1x control voltage switch,
- 1x rotating field monitoring,
- 1x pressure monitoring & 1x STL monitoring,
- 2x manual controls,
- 1x switch cabinet fan with monitoring,
- 1x potential free energy request,
- 1x potential-free fault signal
- 2D visualization



## Option: Solar Thermal System

All ECOTHERM Smart Hot Water & Boiler Packages can optionally be equipped with a solar thermal system, which supports the hot water generation. ECOTHERM uses high quality, high efficiency and high capacity solar collectors, which are also suitable for

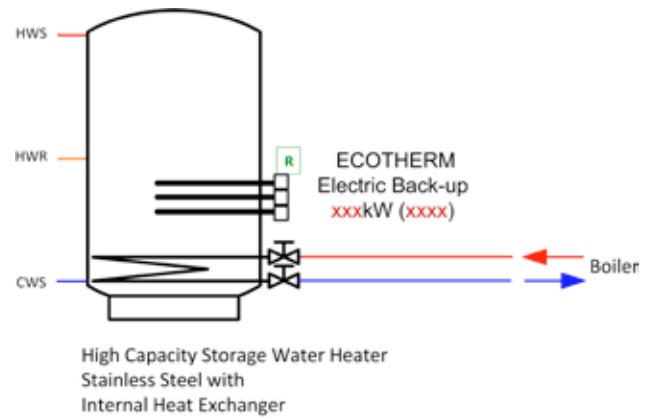
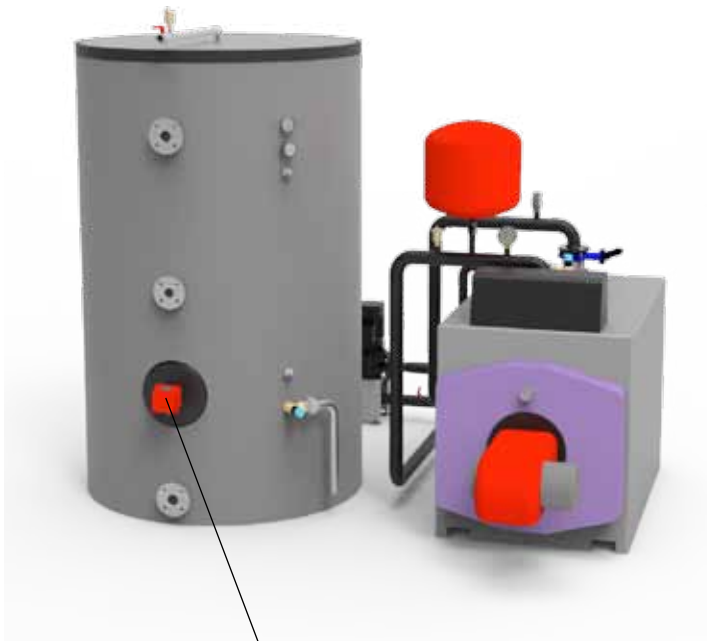
regions with a very high radiation as e. g. the Middle East. For the Smart Hot Water & Boiler Packages of type EWBI-...-EHSF-...-... the solar system can be included easily. One additional flat heating coil - patented by ECOTHERM - is mounted per

storage tank, which are connected to the solar system. Contact your nearest ECOTHERM Support Center or the ECOTHERM headquarters in Austria to work out a suitable offer for your project.



*Schematic drawing how to include a solar system at the Smart Hot Water & Boiler Packages of type EWBI-EHSF.*

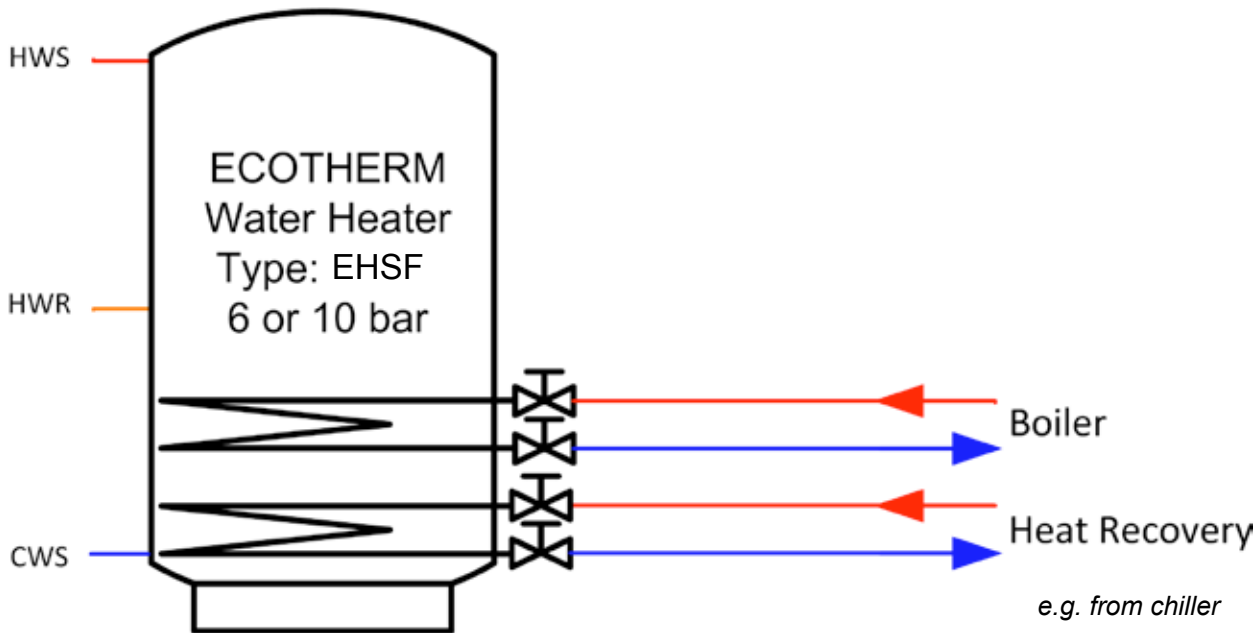
## Option: Electric Backup



With ECOTHERM Incoloy 825 or Ceramic heating elements.



## Option: Heat Recovery



High Capacity Storage Water Heater  
Stainless Steel with  
Internal Heat Exchanger

Creating new and ultra-efficient renewable energy technologies is not just about harnessing the sun or wind and feeding it into our homes and office buildings. Making the most of what is already there also helps reduce our collective impact on the environment, and that includes the amount of heat we lose to the environment on a daily basis. Heat recovery systems work by

drawing on that potentially valuable warm water in a property and getting it to work just a little bit harder for us. Heat recovery systems don't replace the need for a boiler or other technology to heat your radiators but it does help them work more efficiently by recycling the warm water ensuring that you get the most out of it. For domestic premises, a recovery system could

help save on energy bills and keep the house warm during the winter months. For businesses and industry, heat recovery lies at the heart of making the work place and factory floor a far more efficient place.





## Individual Hot Water Solutions

The experienced ECOTHERM engineers have designed the smart hot water boiler packages in this catalogue from the experience of more than 15 years in more than 25 countries all over the world.

### Optimized packages

The packages are optimized in terms of the technical equipment, the performance and costs. Changing a component, reducing the size of a storage tank or modifying the nominal rating of the boilers etc. might lead to additional costs also if the desired component might be cheaper, respectively smaller. The re-

ason is the additional effort to change the design of the system, check the availability of the desired components, create new cad drawings etc. Therefore it is usually much more cost-effective to choose one of the existing smart hot water boiler packages - even if the capacity of the storage tanks and/or the nominal rating of the boilers is slightly to high.

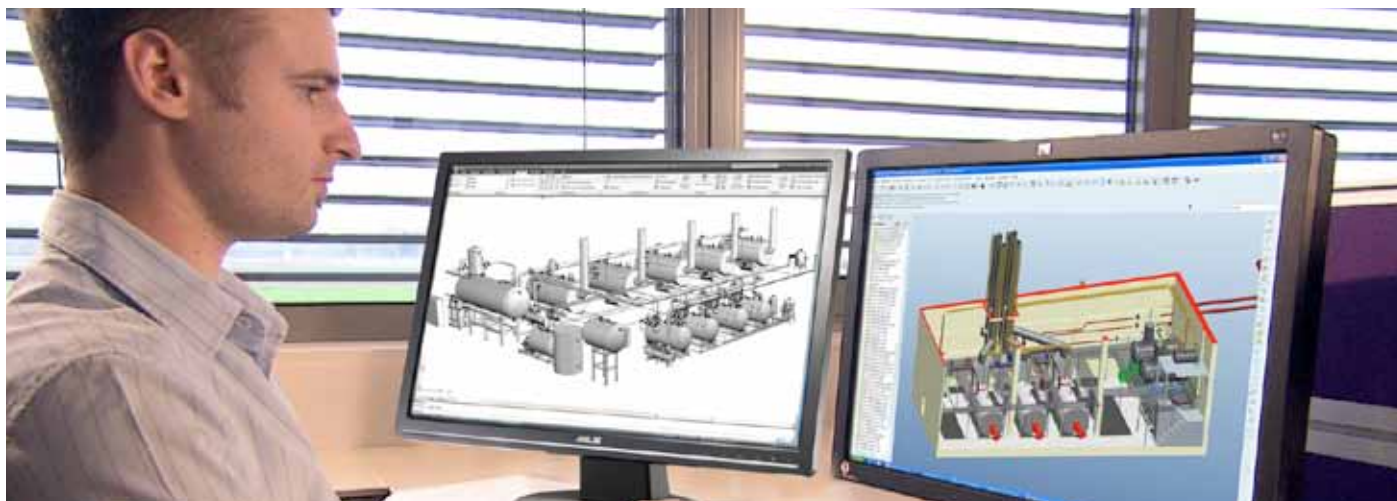
### Individual solutions

In the case that the defined and fixed packages do not meet your requirements at all, please send a regular inquiry to your contact person at your local ECOTHERM office, the ECO-

THERM Support Center or to the ECOTHERM headquarters in Austria if no contact exists in your country.

### Premium service

Based on your inquiry the ECOTHERM engineers will individually engineer your optimal solution with design, dimensioning, specification, 3D visualization and CAD design. The own developed project management system makes sure that the system is manufactured in time. Moreover the transport, supervision of the installation and the commissioning is coordinated to make sure that the system will operate properly from day one.



## Key to model number

EBPI			kW		N	Vol		p	OPT
1	2	3	4		5	6		7	8

### Type

1st digit: E = ECOTHERM

2nd digit: BP = Boiler Package

3rd digit: I = internal Heat Exchanger

### kW

4th digit: Boiler nominal rating in kilowatt

5th digital: Number of boilers and storage tanks (1 or 2)

6th digital: Storage tank capacity in litres

7th digital: Secondary operating pressure in bar (6 or 10)

8th digital: Basic Controller B

Options: ELC11 Controller E



Guided tour of **ECOTHERM** world wide reference installations

Find more references at [www.ecotherm.com](http://www.ecotherm.com)



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