warmhaus

Condensing ErP Boilers

ErP
A Energy Class
NOx Level Lower Than ErP Class 6

Enerwa Plus

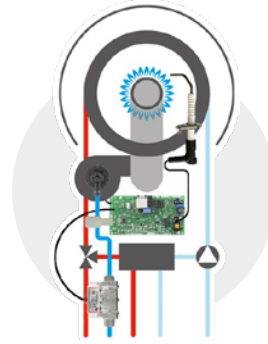|		
2530C	25 kW /	**31 kW**
3035C	30 kW /	**35 kW**
3540C	36 kW /	**39 kW**
4240C	42 kW /	**40 kW**
4543C	45 kW /	**43 kW**

Enerwa Plus

Enerwa Plus 2530C
Enerwa Plus 3035C
Enerwa Plus 3540C
Enerwa Plus 4240C
Enerwa Plus 4543C
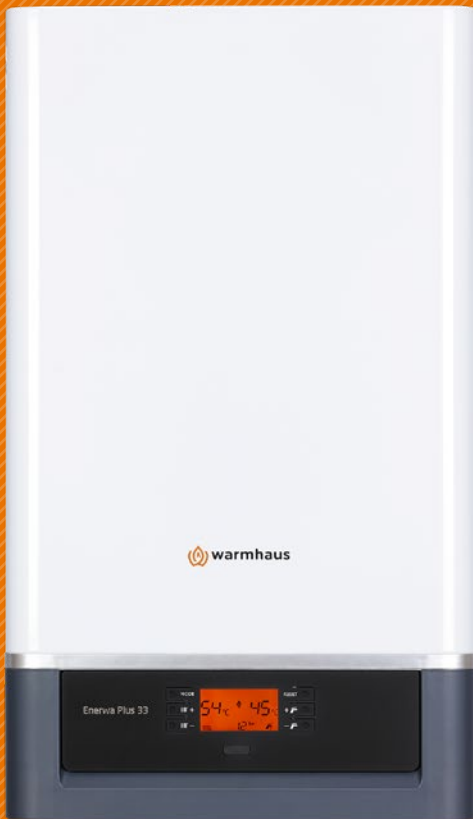
All push-button
smart 3" digital
LCD screen

12 Reasons to Choose Enerwa Plus Condensing Boilers

Efficiency and Savings up to 98%* with Electronic Gas Adaptive System

Enerwa Plus detects the gas quality instantly and keeps burning quality constant with its Electronic Gas Adaptive System and Full Premix features. By using all the energy of the gas it provides up to 97.5%* **efficiency and savings.**

* At 30% of Nominal Heat Power and Low Temperature Regime (η1)

In the Lowest NOX Class for Exhaust Gas According to the ErP Directives

Lowers environmentally hazardous NO_X emissions even below the values determined by the best class level of 6 for NO_X as an appendix of the Energy-related Products Directive (56 mg/kWh), to 20/34 mg/kWh **in order to reduce air pollution.**

Flow rate may vary depending on the boiler model.
**Terms and conditions apply.*

A Energy Class

Enerwa Plus Boilers are fully compatible with European Union **ErP Directives**; they save on both gas and electric energy. Enerwa ErP Boilers have **A class energy label.**

High Savings with 1/10 Modulation

The wide modulation ranges from 1/10 can decrease the power down to 3 kW, thus adjusting its capacity according to your requirements to provide **you savings in both gas and electric energy.**

Easy to Use Push-Button Panel

The wide 3" LCD digital screen with orange illumination shows the radiator & DHW temperatures at the same time.

Hot Water Comfort in Double Taps (13 to 17 l/min)

Enerwa Plus boilers have enhanced double power capacity for hot water usage and enable you to use double taps simultaneously with high hot water flow rates up to 13 to 17 l/min (ΔT=35 °C).

Long Lasting Life With Stainless Steel Exchangers

Enerwa boilers **can be used for long years** with their wide channel, no-welding, single coil, stainless steel main heat exchanger and stainless steel plate heat exchanger.

Smooth Operation With Corrosion-resistant Brass Hydroblock Component

With brass hydro block components resistant to thermal stress and corrosion, provides problem-free operation **for long years.**

Always Ready Hot Water With Pre-Heat

When the pre-heating option is chosen, domestic water inside the plate heat exchanger is always kept warm and ready to use thus **the waiting time required for hot water is lowered to a minimum.**

Optimum Dimensions

With H:725 x W:420 x D:288/385 mm dimensions and 88 liters volume, high heating and hot water demands in places with limited spaces are easily met. These boilers provide practical solutions with low-cost and easy installation.
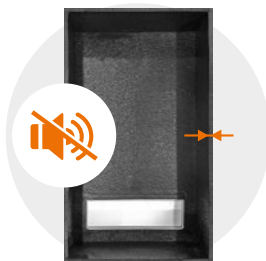
Silent Operation and Low Heat Loss

Due to special insulation material used in the front and side plates, **heat loss from the body is reduced and silent operation is ensured.**

Peace of Mind Guaranteed

Every Warmhaus boiler is guaranteed for up to 7 years.**

XL Hot Water Comfort

The Enerwa Plus boilers -designed by Warmhaus and manufactured in Turkey are the best boilers for large houses and spaces with 2 or 3 bathrooms that have high heating and hot water demand.

How Does the Warmhaus ErP Boiler Stand Out?

- The circulation pumps of ErP condensing boilers are modulating pumps that can adjust their speed when necessary. Thus the electric consumption of the equipment is reduced significantly.

- ErP condensing boilers are products compatible with EU directives that **heat more efficiently and consume less energy.**

- ErP compatible products are labeled according to their energy class. So you can see how much energy-saving your product is capable of from its label.
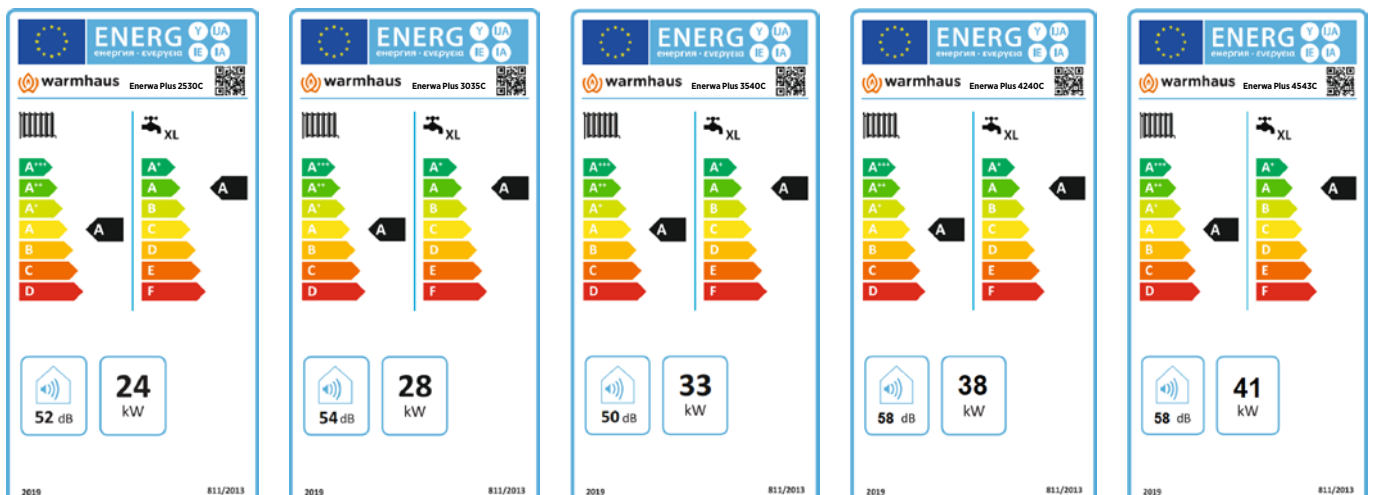
Easy to Use
Push-Button Panel

The wide 3" LCD digital screen with orange illumination shows the radiator water temperature and domestic hot water temperature at the same time. The screen also has multi-function features that enable various information like plumbing system pressure, warning/error codes, room thermostat connection, and parametric features that enable the equipment to be customized and easily tracked.
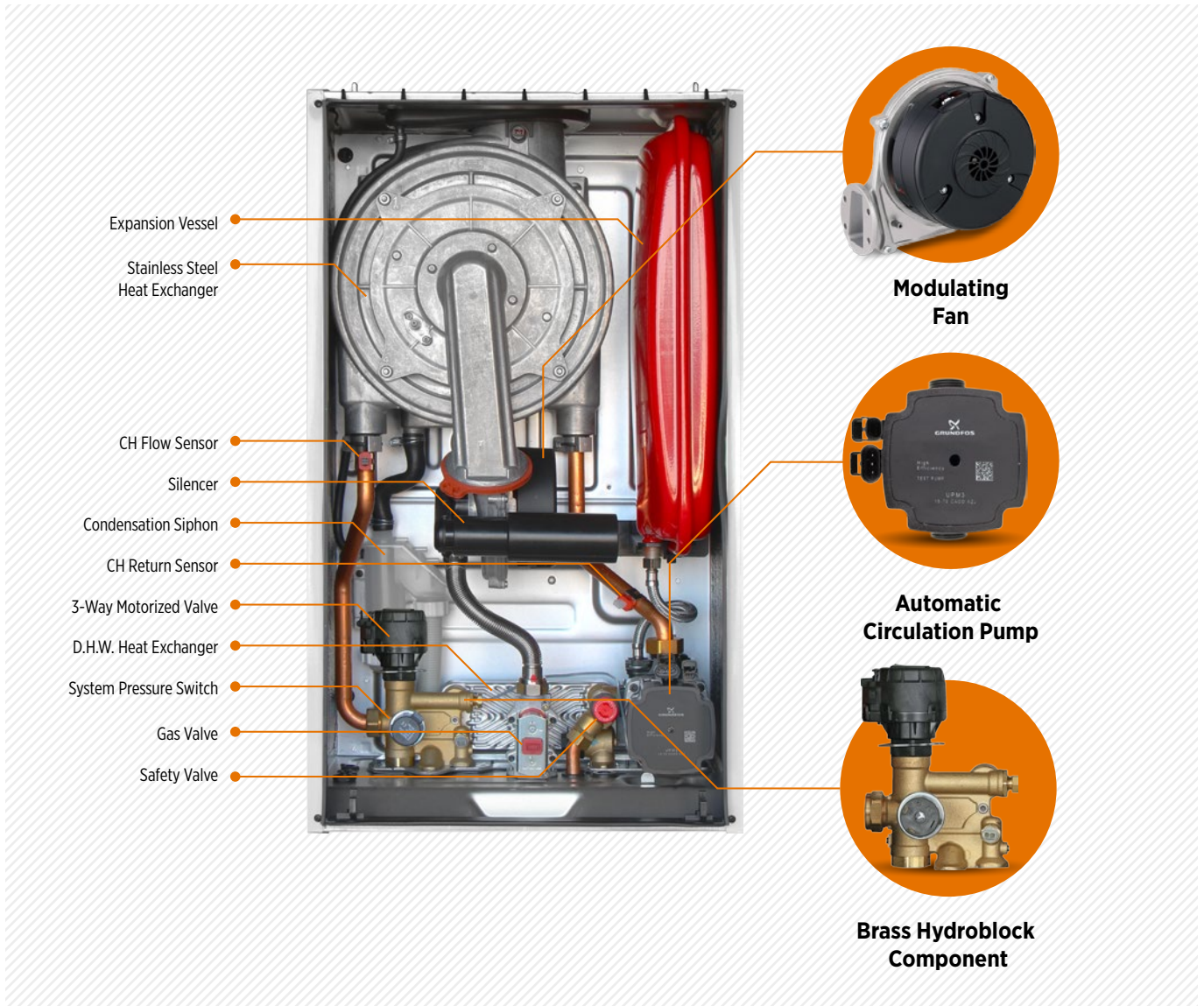
The RESET button that makes the boiler restart and enables separate adjustment of the radiator water temperature and domestic hot water temperature, and the MODE button that enables the winter, summer and on-off features combined with

6 push buttons ensure that the control panel is easy to use.

**Easy Readable
Backlight 3 ″
LCD Display**

MODE Selection Button

Radiator (CH) Temperature İncreasing Button

Radiator (CH) Temperature Decreasing Button

RESET Button

Domestic Hot Water Temperature İncreasing Button

Domestic Hot Water Temperature Decreasing Button

What is inside the Boiler?

Expansion Vessel

Stainless Steel
Heat Exchanger

**Modulating
Fan**

CH Flow Sensor

Silencer

Condensation Siphon

CH Return Sensor

3-Way Motorized Valve

D.H.W. Heat Exchanger

System Pressure Switch

Gas Valve

Safety Valve

**Automatic
Circulation Pump**

**Brass Hydroblock
Component**

What is the Full Premix Gas Adaptive System?

The electronic card detects the gas quality instantly through the signal received over the electrode and preserves consistent burning quality due to the Full Premix System which commands the modulating fan and gas valve synchronously.

The Full Premix System ensures that the used gas burns with the most ideal mixture and all its energy is used to the maximum. Thus, the electronic Full Premix Gas Adaptive System provides **higher gas and electric savings** compared to premix boilers using a pneumatic system.

Electrode

P.C.B.
Card

Air

Modulating
Fan

Gas Valve

Gas
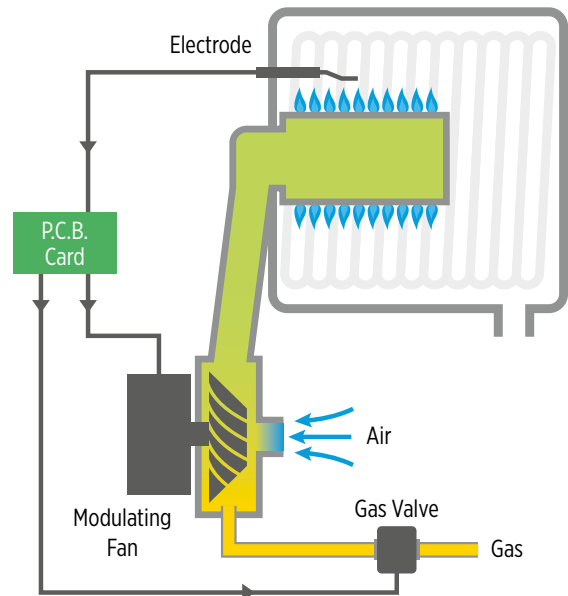
Accessories

The Warmth of Your Home is In Your Command!

Room Thermostats (Optional)

Weekly Programmable Control Panels With Room Thermostats and Outdoor Air Temperature Sensor

With a modulated room thermostat remote control panel and outdoor air temperature sensor that works in coordination (both units are optional), you can install a comfortable and modulating automatic heating system that offers weekly programming, and temperature adjustment according to room temperature.

Outside Sensor (Optional)

You can set the heating flow temperature automatically according to the outside temperature.

WT-07
Cabled digital room thermostat with modulation and 4 buttons
Product Code: 15311800000027

WT-01
Cabled digital room thermostat with modulation and 10 buttons
Product Code: 15311800000021

WT-RF02
Wireless digital room thermostat with modulation and 10 buttons
Product Code: 15311800000022

WDHS-01
Cabled Outdoor Air Temperature Sensor
Product Code: 15311660600001
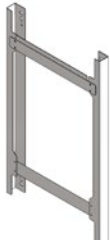
Flue Systems For Condensing Boilers (Optional)

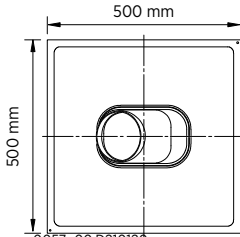|	Product Name	Product Code
0047_03.D210120	(Ø60/100) Condensing Concentric Horizontal Flue Set $L_{Horizontal} = L_{From\ the\ center\ of\ the\ elbow} + L_{Terminal}$ L_{Total} = 115 + 790 = 905 mm	15311014000002 (White)
0048_03.D210120	(Ø60-100) Condensing Vertical Flue Set with Adapter $L= [L_{Term} + L_{Extpipe} + L_{Adapter} = 1000+500+145] = 1645$ mm Extension Parts: (Ø60/100) Condensing Flue Extension, $L_{Extpipe}$=500 mm, (Ø60/100) Condensing Vertical Adapter, L_{Adapt}=145 mm	15311660600013 (Black-White)
0049_03.D210120	(Ø60/100) Condensing Flue Extension L=500 mm	15311660600014 (White)
0050_03.D210120	(Ø60/100) Condensing Flue Extension L=1000 mm	15311660600015 (White)
0051_03.D210120	(Ø60/100) Condensing Flue Extension L=2000 mm	15311660600016 (White)
0052_03.D210120	(Ø60/100) Condensing 45° Elbow	15311660600017 (White)
0053_03.D210120	(Ø60/100) Condensing 90° Elbow L=170 mm	15311660600018 (White)
0054_03.D210120	(Ø60/100) Condensing Vertical Adapter L=130 mm	15311660600019 (White)

Flat Roof Outlet Part

15311660600124

0055_00.D210120

0057_00.D210120

Pitched Roof Outlet Tile A = 500 x 500 mm

15311660600125

0056_00.D210120

0057_00.D210120

Plume Displacement Kits Ø60/100 mm (Optional)

	Product Name	Specification	Product Code
0058_01.D210120	Plume Displacement Terminal Kit	With 1 m Extension Pipe, Elbow(87°), Plume Terminal and Bracket	15311660600031
0059_01.D210120	Plume Displacement Terminal Kit	87°	15311660600032
0060_01.D210120	Plume Displacement Terminal Kit	45°	15311660600033
0061_01.D210120	Plume Terminal	87°	15311660600034
0062_01.D210120	Flue Pipe Support Bracket		15311660600035
0063_01.D210120	Plume Displacement Kit Extension	1000 mm	15311660600036

Rear-Pipe Stand Off Kit

	Product Name	Product Code
	Rear-Pipe Stand Off Kit	15211005000018

Technical Specification

TECHNICAL SPECIFICATION	Unit	Enerwa Plus 2530C		Enerwa Plus 3035C		Enerwa Plus 3540C		Enerwa Plus 4240C		Enerwa Plus 4543C	
Maximum DHW Heat Input	kW	31.5		35		38.8		39.5		42.5	
Maximum CH Heat Input (net)	kW	24.2		28.7		33.7		39.25		42.5	
Minimum Heat Input (net)	kW	3.5		3.75		4.35		7.2		7.2	
Heating Circuit		G20	G31	G20	G31	G20	G31	G20	G31	G20	G31
Maximum Heat Output (80/60 °C)	Pn	23.7	23.7	28.0	28.1	33.02	33.02	38.2	38.2	41.4	41.3
Minimum Heat Output (80/60 °C)	Pn	3	2.5	3.5	3.45	4.1	4.1	7	7	6.95	6.95
Maximum Heat Output (50/30 °C)	Pnc	25	25	30	28.63	35.5	35.5	41.68	40.70	45.1	44.0
Minimum Heat Output (50/30 °C)	Pnc	3.6	2.9	3.90	3.59	4.60	4.60	7.6	7.5	7.6	7.5
Maximum Pressure	bar	3		3		3		3		3	
Minimum Pressure	bar	0.5		0.5		0.5		0.5		0.5	
Expansion Vessel Water Capacity	Litres	8		10		10		12		12	
Expansion Vessel Pre-Charge	bar	1		1		1		1		1	
Maximum Water Capacity in System [HT (80/60 °C) / LT (50/30 °C)]	Litres	(40-120) / (75-200)		(80-180) / (150-380)		(80-180) / (150-380)		(80-180) / (150-380)		(80-180) / (150-380)	
CH Temperature Adjustment	°C	25-80		25-80		25-80		25-80		25-80	
DHW Circuit		G20	G31	G20	G31	G20	G31	G20	G31	G20	G31
Domestic Hot Water flow rate (ΔT 35 °C)	l/min	12.7		14.5		16.9		15.7		16.9	
Maximum Water Pressure	bar	10		10		10		10		10	
Minimum Flow Rate for Boiler Activation	Litres	1.5		1.5		1.5		1.5		1.5	
DHW Temperature Adjustment	°C	35-60		35-60		35-60		35-60		35-60	
Combustion Specification		G20	G31	G20	G31	G20	G31	G20	G31	G20	G31
Gas Rate - Max	m³/h	2.38	0.92	3.05	1.18	4.12	1.30	4.00	1.61	4.19	1.66
Gas Rate – Min	m³/h	0.37	0.11	0.39	0.14	0.43	0.16	0.7	0.27	0.72	0.28
CO_2 – Maximum Power (Auto Calibration Only)	%	8.7 - 9.2	10 - 10.5	8.7 – 9.2	10 – 10.5	8.7 - 9.2	10 – 10.5	8.8 - 9.2	10 – 10.5	8.8 - 9.2	10 – 10.5
CO_2 – Minimum Power (Auto Calibration Only)	%	8.6 – 9.4	10 – 10.5	8.7 – 9.4	10 – 10.5	8.8 – 9.3	10 – 10.5	8.8 – 9.2	10 – 10.5	8.8 – 9.2	10 – 10.5
CO_2 – Ignition Power (Auto Calibration Only)	%	8.8 – 9.3	10 – 10.5	8.7 – 9.2	10 – 10.5	8.8 – 9.2	10 – 10.5	8.8 – 9.2	10 – 10.5	8.8 – 9.2	10 – 10.5
Minimum inlet dynamic Gas Pressure	mbar	14.00	37.00	14.00	37.00	14.00	37.00	14.00	37.00	14.00	37.00
Weighted value of NOx (GCV)	mg/kWh	20	31	41	49	34	53	25	50	27	53
Electrical Specification											
Power Supply	V	240		240		240		240		240	
External Supply Fuse Rating	A	3		3		3		3		3	
Internal Supply Fuse Rating	A	3.15		3.15		3.15		3.15		3.15	
Electricity Consumption	W	95		104		115		115		115	
Index Protection	IP	IPX5D		IPX5D		IPX5D		IPX5D		IPX5D	
Electrical Power Supply Frequency	Hz	50		50		50		50		50	
General											
Flow Connection	mm	22		22		22		22		22	
DHW Connection	mm	15		15		15		15		15	
Gas Connection	mm	22		22		22		22		22	
Cold Inlet Connection	mm	15		15		15		15		15	
Return Connection	mm	22		22		22		22		22	
Condensate Connection	mm	21.5		21.5		21.5		21.5		21.5	
PRV Connection – Copper	mm	15		15		15		15		15	
Dimensions (H x W x D)	mm	725 x 420 x 288		725 x 420 x 288		725 x 420 x 288		725 x 420 x 385		725 x 420 x 385	
Net Weight	kg	32.5		33.7		34.5		37.5		38.0	
Packaged Weight	kg	34.7		35.9		36.7		39.5		40.0	
Clearances Above Casing	mm	200		200		200		200		200	
Clearances Below Casing	mm	300		300		300		300		300	
Clearances Front - Operational	mm	5		5		5		5		5	
Clearances Front - Servicing	mm	450		450		450		450		450	
Clearances Right Hand Side	mm	25		25		25		25		25	
Clearances Left Hand Side	mm	25		25		25		25		25	
Sound Level	db	52		54		50		58		58	
NOx Classification	Class	6		6		6		6		6	

About Warmhaus

Warmhaus, is an affiliate of Beyçelik Holding which produces domestic boilers, commercial boilers, and steel panel radiators with experience in HVAC industry since 1996.

Warmhaus is amongst the top 10 radiator producers in the world and the top 4 in Turkey and Warmhaus products heat one of every seven houses in Turkey, and many in more than +55 countries.

Global Heating Brand

Products developed by Warmhaus R&D center are shipped all over the world.

- Totally **41.000 sqm** panel radiator production and boiler production facilities
- Exports to more than **+50 countries**
- Annual total production capacity of **3.600.000 meters**
- Annual boiler production capacity of more than **222.000 units**
- 3.000 sqm warehouse and sales office in **United Kingdom**

Albania	India	Portugal
Algeria	Iraq	Romania
Argentina	Ireland	Russia
Azerbaijan	Italy	Serbia
Belgium	Jordan	Spain
Bosnia	Kazakhstan	Tunisia
Bulgaria	Kosovo	Turkmenistan
Chile	Kyrgyzstan	Ukraine
China	Latvia	United Kingdom
Egypt	Lithuania	Uzbekistan
Estonia	Macedonia	
France	Moldova	
Georgia	Mongolia	
Germany	Netherlands	
Greece	Northern Cyprus	
Hungary	Poland	

Warmhaus UK
3000 sqm warehouse and sales office
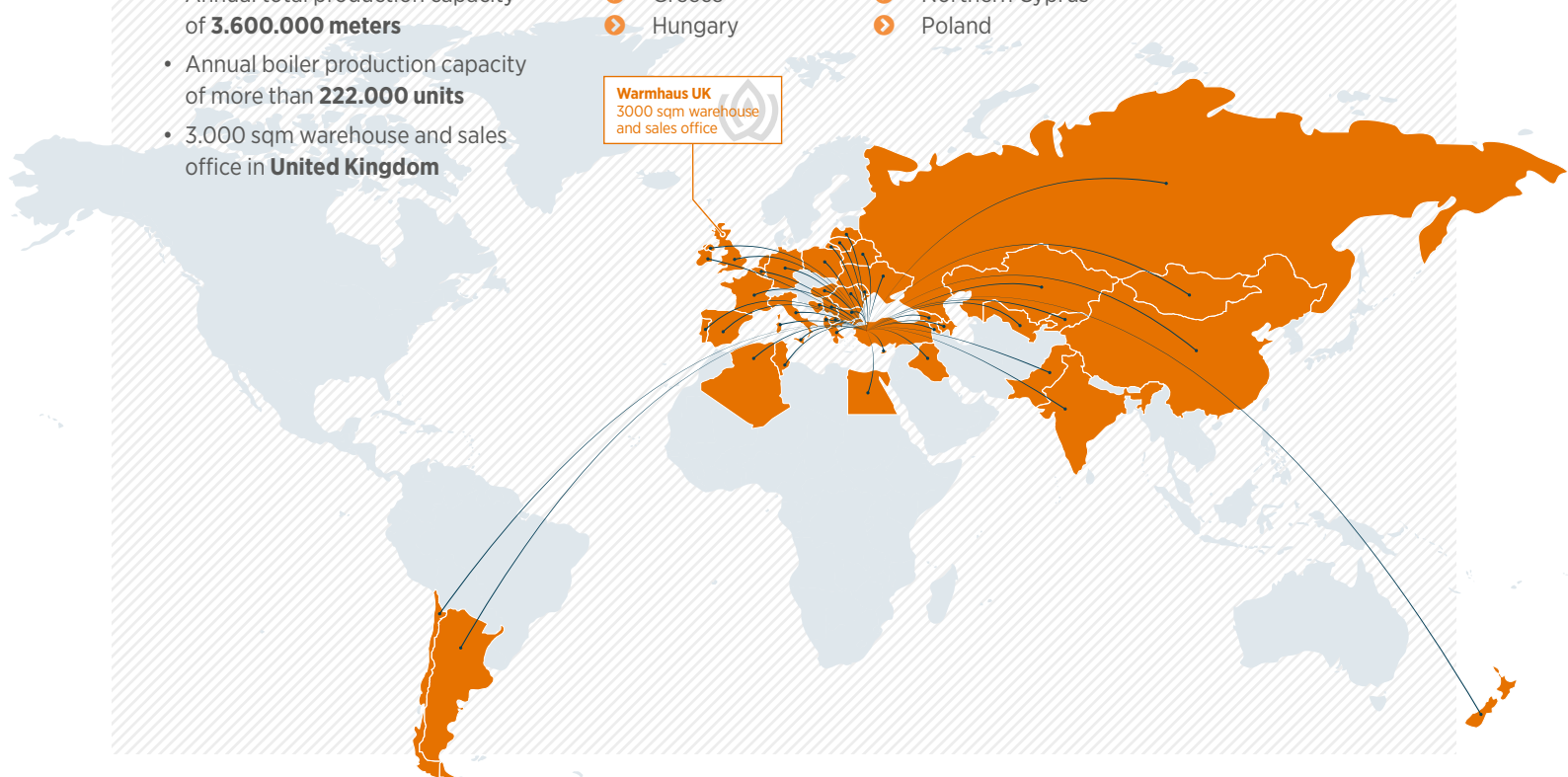
Our Offers

WARMHAUS APPLICATIONS
OUR DIGITAL WORLD

Warmhaus Partner
Install and Earn Points Now

Warmhaus installers receive loyalty points after each operating boiler and earn their reward with their loyalty points!

Warmhaus Consumer
Available Soon

Customers can reach Warmhaus Customers can reach Warmhaus through their mobile phone application anytime.

Warmhaus Technical Training

We support our business partners with comprehensive trainings and technical documentation.
Please visit our website.

Warmhaus Production Facility

Our products are certified and tested by the international institutions to meet the highest industry standards.
Please ask for certificate for your region.

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Beyçelik HOLDİNG

benchmark COLLECTIVE MARK
THE MARK OF QUALITY FOR THE INSTALLATION, COMMISSIONING AND SERVICING OF DOMESTIC HEATING AND HOT WATER SYSTEMS

WRAS APPROVED PRODUCT

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