



YEARS **ELTERM**[®]

Electric heating boilers Basic **LED** automation



- 30 years experience
- more than 500,000 satisfied customers throughout Europe

30
YEARS

Built-in instantaneous DHW heater.
Admiral-12 / 15 / 18 or 24kW



Drip

power 12 kW



Shower

power 15 kW



Bath

power 18 kW



Rainshower

power 21 kW



Operation
counter



Max power
lock



NC contact 0V
detachable contact



PID

PV
Ready

Ideal for central heating systems.

- in energy-efficient buildings
- awaiting the gas connection
- alternative, supportive, temporary



No connection to chimney

- environmental protection
- no exhaust emissions
- human and animal friendly

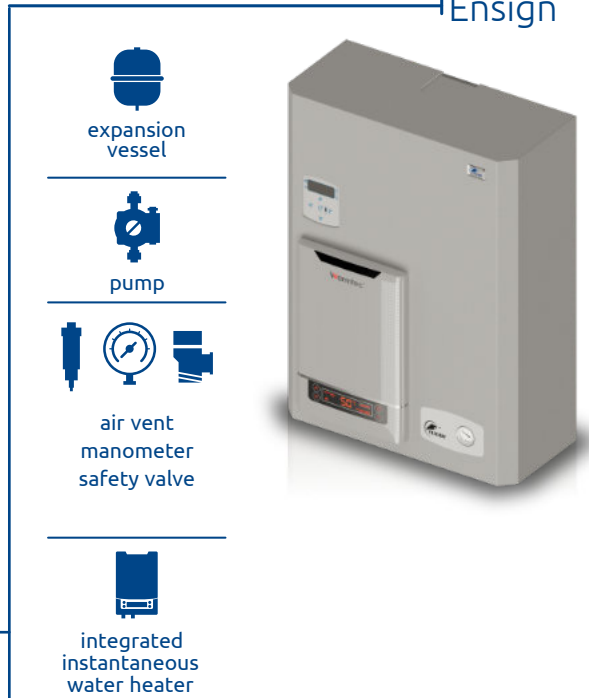
STOP
CO₂

Comply with the directives

- LVD - low voltage - electrical safety
- RoHS - restriction of the use of certain hazardous substances
- EMC - electromagnetic compatibility
- WEEE - on waste equipment, GIOŚ Register no: E0001767W
- ErP - energy efficiency of heat sources
- energy efficiency class D

PID proportional-integral differential regulator	BM non-volatile programme memory
OSC quadruple overheat protection	PAS ANTI STOP pump safety system

Basic LED automation Ensign



In boiler price included

	PV Ready Operation counter	<ul style="list-style-type: none"> • heating boiler operation counter • stop heating • adjustable energy consumption • boiler stop signalling
	PV Ready Max power lock	Adaptation of the boiler power to the output of the PV installation (function available on the boiler panel)
	PV Ready NC contact 0V	Possibility to operate the boiler with: <ul style="list-style-type: none"> • any voltage-free room controller • automation of another heat source or inverter
	PV Ready Detachable contact	Disconnects the second heat source when the electric boiler is switched ON. Switches the second source ON when the electric boiler switches OFF.
	PV Ready PID On/Off	Equal phase load of heating boiler operation (boiler operation with or without PID function)

Advantages of the preheater:

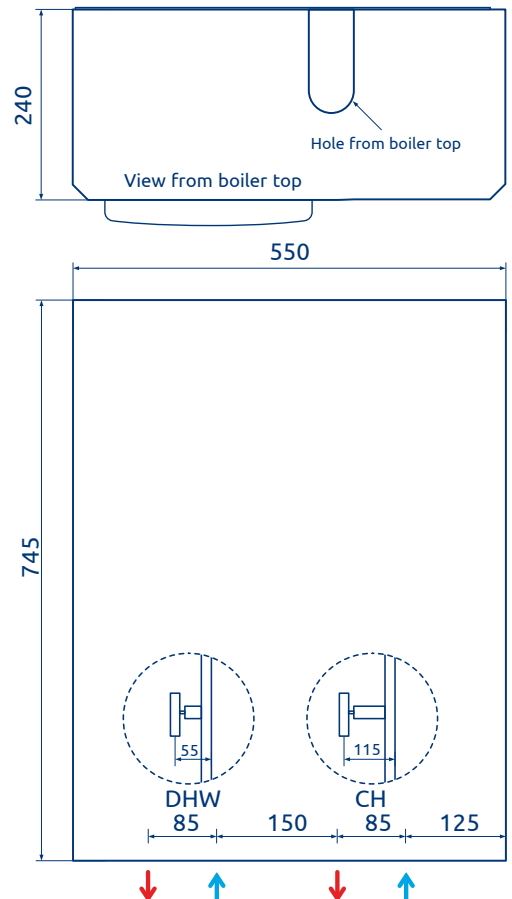
- the digital display shows:
 - current temperature
 - set temperature
 - consumed water
 - current consumption
- electronic control of heating power
- modern heating block
- water regulation from 30°C to 60°C
- Electricity and water consumption counter
- patented anti-scalding solution

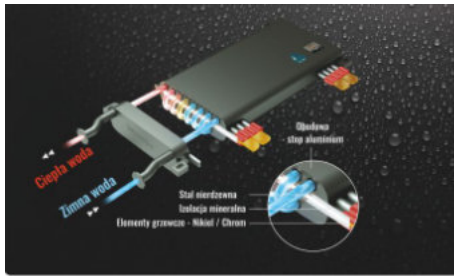


Admiral instantaneous water heater integrated in the boiler

OPTION

	Module + web app code 100004	Controls all boiler functions: <ul style="list-style-type: none"> • monitoring all temperatures • possibility to change remote temperatures • view temperature graphs
	Room and weather radio control	3 variants to choose from <ul style="list-style-type: none"> room and weather radio control code 100009 radio control - room only code 100010 radio control - weather only code 100011





Modern heating block Admiral

boiler power	6/4 kW	9 kW	12 kW	6/4 kW	9 kW	12 kW
preheater power	12 kW	12 kW	12 kW	15 kW	15 kW	15 kW
Ensign - code	115306	115309	115312	115406	115409	115412
boiler power	6/4 kW	9 kW	12 kW	6/4 kW	9 kW	12 kW
preheater power	18 kW	18 kW	18 kW	21 kW	21 kW	21 kW
Ensign - code	115506	115509	115512	115606	115609	115612

Selecting the boiler power according to the building area

Boiler power selection table		50m²	75m²	100m²	125m²	150m²	200m²	250m²						
A+	A	Energy efficient building 20-25cm insulation EUco approx. 50kWh/m ² /year - approx. 40W/m ²						4 kW	4 kW	6 kW	6 kW	9 kW	9 kW	12 kW
B	C	Standard building 10-15cm insulation EUco approx. 90kWh/m ² /year - approx. 70W/m ²						4 kW	6 kW	9 kW	9 kW	12 kW		
D	E	Energy-intensive building 0-5cm insulation EUco approx. 150kWh/m ² /year - approx. 120W/m ²						6 kW	9 kW	12 kW				

preheater power	12 kW	15 kW
fuses (A)	3 x 20	3 x 25
power cord (mm ²)	5 x 4,0	5 x 4,0
preheater power	18 kW	21 kW
fuses (A)	3 x 32	3 x 40
power cord (mm ²)	5 x 6,0	5 x 6,0

Drip	Shower	Bath	Rainshower max 10 l/min
power 12 kW	power 15 kW	power 18 kW	power 21 kW
capacity at Δt = 30°C	capacity at Δt = 30°C	capacity at Δt = 30°C	capacity at Δt = 30°C
5,8 l/min	7,2 l/min	8,7 l/min	10,1 l/min

Admiral instantaneous water heater		adjustment range of water temp.	supply water pressure	flow of water actively heated	capacity at Δt=30°C
12 kW	several water points can be connected (no more than 2 at the same time)	30 - 60 °C	0,02 - 0,6 MPa	3,2 l/min	5,8 l/min
15 kW	several water points can be connected (no more than 2 at the same time)	30 - 60 °C	0,02 - 0,6 MPa	3,2 l/min	7,2 l/min
18 kW	several water points can be connected (no more than 3 at the same time)	30 - 60 °C	0,02 - 0,6 MPa	3,2 l/min	8,7 l/min
21 kW	several water points can be connected (no more than 3 at the same time)	30 - 60 °C	0,02 - 0,6 MPa	3,2 l/min	10,1 l/min

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Electric heating boiler - Basic LED automation

Ensign	●	○	●	○	○	●	●	●	○	●	●	○	○	○	●	○
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