

30 YEARS **ELTERM**[®]

Electric heating boilers Advanced **LCD** 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



Operation counter



max. power lock



NC contact 0V
Detachable contact



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

Weekly programming

- 9 CH programme
- 9 DHW & circulation programme



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

Advanced LCD automation Lieutenant

In boiler price included



wire control included



expansion vessel



pump



air vent manometer safety valve



integrated instantaneous water heater



In boiler price included



PV Ready
Operation counter

- 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:
- 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:

- monitoring all temperatures
- possibility to change remote temperatures
- view temperature graphs



Room and weather radio control

3 variants to choose from



room and weather radio control

code 100009



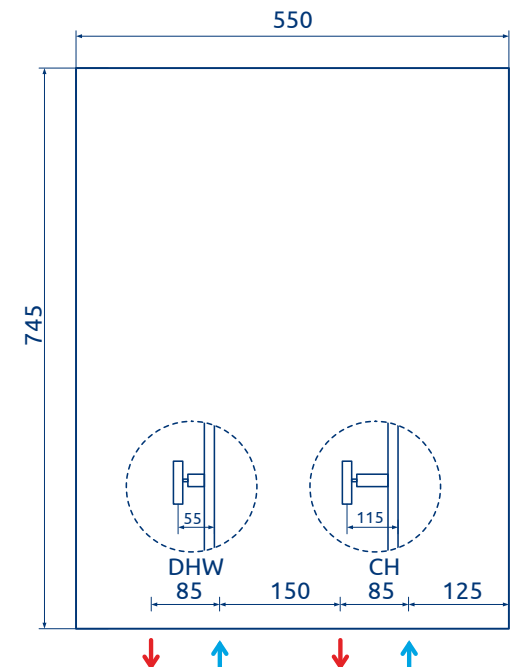
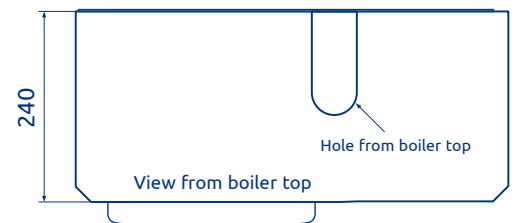
radio control - room only

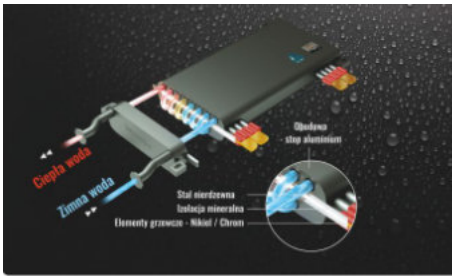
code 100010



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
Lieutenant - code	118306	118309	118312	118406	118409	118412
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
Lieutenant - code	118506	118509	118512	118606	118609	118612

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
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



Electric heating boilers - Advanced LCD automation

Lieutenant	●	○	●	○	●	●	●	○	●	●	●	●	●	○
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