



Years **ELTERM**[®]

Elterm electric heating boilers
PV Ready

Advanced automation LCD
Colonel, Captain

Basic automation LED
Major, Sergeant, Corporal



Polish manufacturer

High boiler efficiency

99,5%

Ideal for use with PV installations

Boiler operating counter
Normally-closed contact 0V
Disconnectable contact
Power lockmaximum
PID on/off
Net - billing

PV Ready

Ideal for CH systems.

- in energy-efficient construction
- pending gas connection
- alternative, supportive, temporary



No connection to the chimney

- Environmental protection
- No exhaust emissions
- human- and animal-friendly

STOP CO₂

Weekly programming

- 9 central heating programmes
- 9 hot water and circulation programmes
- 9 buffer programmes
- 9 programmes for central heating circuits.



Green energy

clean air programme





The boiler can work together with any potential-free (0V) room regulator, both wired and wireless



Green energy
clean air programme

Basic automation LED

Major, Sergeant, Corporal



power max	4 / 6 kW	9 kW	12 kW	
Corporal - code	122006	122009	122012	
Sergeant - code	123006	123009	123012	
Major - code	124006	124009	124012	

LED OPTION



DHW set code 100003



Three-way valve + servo



DHW temperature sensor for storage tank

LCD advanced automation Captain, Colonel



Wired control in set	 room	 weather		
power max	4 / 6 kW	9 kW	12 kW	
Captain - code	126006	126009	126012	 
Colonel - code	127006	127009	127012	 

LCD OPTION



DHW set code 100003



Three-way valve + servo



DHW temperature sensor for storage tank



weekly DHW progr.



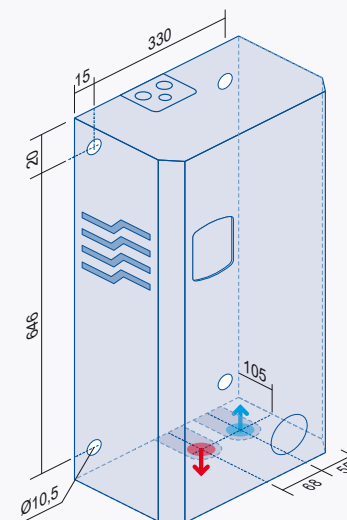
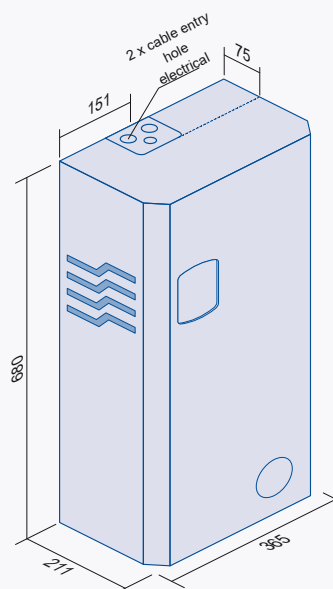
Circulation pump weekly progr.

Protection selection	4 kW	4 kW	6 kW	6 kW	9 kW	12 kW
	1 phase	2 phases	1 phase	3 phases	3 phases	3 phases
fuses (A)	1 x 20	2 x 10	1 x 32	3 x 10	3 x 16	3 x 20
Power cable (mm ²)	3 x 4	5 x 2.5	3 x 4	5 x 2.5	5 x 2.5	5 x 4 *

The exact cross-section of the supply cable is selected by the electrician on the basis of an analysis of the local conditions.



EDM Electronic power selection in depending on temporary needs



Connections 3/4" Ext

inlet cold water
outlet hot water

package dimensions



720x420x280 mm



22 kg

LCD OPTION



Module + web application code 100004

Controls all boiler functions:
- monitoring all temperatures
- remote possibility of changing temperatures
- viewing temperature graphs

LCD OPTION



Buffer set code 100013



2 x buffer sensor



buffer weekly programme

LCD OPTION

Radio control - 3 variants to choose from



radio room and weather control code 100009



room-only radio control code 100010



radio control of weather only kod 100011



The boiler can work together with any potential-free (0V) room regulator, both wired and wireless



Green energy
clean air programme

Basic automation LED

Major, Sergeant, Corporal



power max	15kW*	18 kW*	24 kW
Corporal - code	122015	122018	122024
Sergeant - code	123015	123018	123024
Major - code	124006	124018	124024

OPCJA LED

* maximum power control



DHW set code 100003



Three-way valve + servo



DHW temperature sensor for storage tank

Advanced automation LCD

Captain, Colonel



wired control in set



room



weather

power max	15 kW*	18 kW*	24 kW
Captain - code	126015	126018	126024
Colonel - code	127015	127018	127024

* maximum power control

OPCJA LCD



DHW set code 100003



Three-way valve + servo



DHW temperature sensor for storage tank



weekly DHW progr.



progr. tygod. pompy cyrkul

Protection selection	4 kW 1 phase	4 kW 2 phases	6 kW 1 phase	6 kW 3 phases	9 kW 3 phases	12 kW 3 phases	15 kW 3 phases	18 kW 3 phases	24 kW 3 phases
Fuses (A)	1 x 20	2 x 10	1 x 32	3 x 10	3 x 16	3 x 20	3 x 25	3 x 32	3 x 40
Power cable (mm²)	3 x 4	5 x 2.5	3 x 4	5 x 2.5	5 x 2.5	5 x 4	5 x 4	5 x 6	5 x 10

* The exact cross-section of the supply cable is selected by the electrician on the basis of an analysis of the local conditions.



EDM

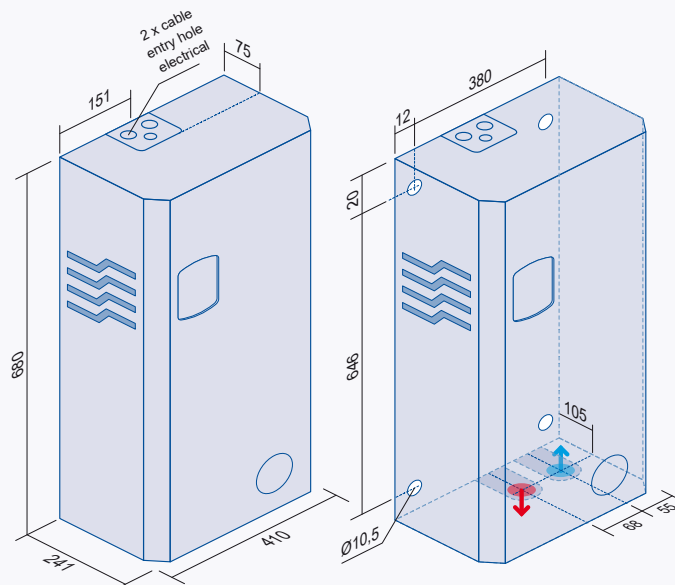
Electronic power selection based on current needs



Boiler 15 kW
power control
4/6/9/15 kW



Boiler 18 kW
power control
4/6/12/18 kW



Connections
3/4" Ext

inlet cold water
↓
outlet hot water
↑

package dimensions



720x470x310 mm



26 kg

LCD OPTION



Module + web application
code 100004

Controls all boiler functions:
- monitoring all temperatures
- remote possibility of changing temperatures
- viewing temperature graphs

LCD OPTION



Buffer set
code 100013



2 x buffer sensor



buffer weekly programme

LCD OPTION

Radio control - 3 variants to choose from



radio room and weather control code 100009



room-only radio control code 100010



radio control of weather only kod 100011

CH + DHW
- Choice of 2 domestic hot water preparation options.

external DHW tank+ DHW set.

built-in flow water heater



control automation	DHW external storage tank	flow heater	buffer control	web application	vent	manometer	pump	safety valve	Expansion vessel	room control	weather control	radio boiler control	max. operating temperature	max. operating temperature
	OPCJA		OPTION	OPTION								OPTION	70°C	90°C

Electric boilers - LCD advanced automation														
Captain	●	●	○	●	●	●	●	●	●	○	●	●	●	○
Colonel	●	●	○	●	●	●	●	●	●	●	●	●	●	○
Lieutenant	●	○	●	●	●	●	●	●	●	●	●	●	●	○
Commander	●	●	○	●	●	●	●	●	●	●	●	●	○	●
Division	●	●	○	●	●	●	●	●	○	●	●	●	○	●
Electric boilers - LED basic control														
Corporal	●	●	○	○	○	●	●	○	●	○	○	○	○	○
Sergeant	●	●	○	○	○	●	●	●	○	○	○	○	○	○
Major	●	●	○	○	○	●	●	●	●	○	○	○	○	○
Cadet	●	○	●	○	○	●	●	●	●	○	○	○	○	○
Hussar	●	●	○	○	○	●	●	●	●	○	○	○	○	●
Battalion	●	●	○	○	○	●	●	●	○	○	○	○	○	●

Boiler output selection table				50m²	75m²	100m²	125m²	150m²	200m²	250m²	300m²	250m²	300m²	400m²	500m²	600m²	700m²	800m²	1000m²	
A+	A	Energy-efficient building 20-25cm of insulation EUco about 50kWh/m²/year - about 40W/m²		4 kW	4 kW	6 kW	6 kW	9 kW	9 kW	12 kW	15 kW	12 kW	15 kW	18 kW	24 kW	24 kW	30 kW	36 kW	42 kW	
B	C	Standard building 10-15cm insulation EUco about 90kWh/m²/year - about 70W/m²		4 kW	6 kW	9 kW	9 kW	12 kW	15 kW	18 kW	24 kW	18 kW	24 kW	30 kW	36 kW	42 kW	54 kW	60 kW	72 kW	
D	E	Energy-efficient building 0-5cm insulations EUco about 150kWh/m²/year - about 120W/m²		6 kW	9 kW	12 kW	15 kW	18 kW	24 kW	30 kW	36 kW	30 kW	36 kW	48 kW	60 kW	72 kW	84 kW	96 kW	126 kW	
Protection selection		4 kW		4 kW	6 kW	6 kW	9 kW	12 kW	15 kW	18 kW	24 kW	36 kW	42 kW	48 kW	54 kW	60 kW	66 kW	72 kW	96 kW	144 kW
		1 phase	2 phases	1 phase	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases	3 phases
Fuses (A)		1 x 20	2 x 10	1 x 32	3 x 10	3 x 16	3 x 20	3 x 25	3 x 32	3 x 40	3 x 63	3 x 80	3 x 80	3 x 100	3 x 100	3 x 125	3 x 125	3 x 160	3 x 240	
Power cable (mm²)		3 x 4	5 x 2.5	3 x 4	5 x 2.5	5 x 2.5	5 x 4	5 x 4	5 x 6	5 x 10	5 x 16	5 x 25	5 x 25	5 x 35	5 x 50	5 x 50	5 x 50	5 x 70	5 x 120	

* The exact cross-section of the supply cable is selected by the electrician on the basis of an analysis of the local conditions.

** protection table for boilers above 24 kW (from 30 kW to 1.5 MW) available on www.elterm.pl