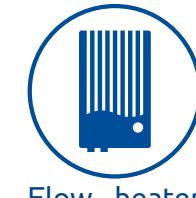


Electric boiler specialist

Uhlans Matthew proposes:



Flow heater

power 11-13 kW



power 18 kW



power 21 kW



power 24 kW





The boiler can work with any voltage-free (0V) wired and wireless room controller



Green energy
clean air program

Basic automation **LED**
Ensign



Advanced automation **LCD**
Lieutenant



energy efficiency class D

power	4/6 kW	9 kW	12 kW
	modulated 11/13 kW		
Ensign - code	135706	135709	135712
	modulated 18/21/24 kW		
Ensign - code	135806	135809	135812

included in the price of the boiler: wired control



room



weather

power	4/6 kW	9 kW	12 kW
	flow heater power modulated 11/13 kW		
Lieutenant - code	138706	138709	138712
	heater power modulated 18/21/24 kW		
Lieutenant - code	138806	138809	138812



Equipment:

- Advanced control system
- Electronic pressure gauge
- Safety valve vent
- Electric heater 4/6, 9, 12 kW
- Flow heater
- Central heating expansion vessel.
- Pump c.o.

power	wydajność przy $\Delta t = 30^\circ C$			
11-13 kW	5,7 - 6,9 l/min	9,2 l/min	10,7 l/min	12,2 l/min
18 kW				
21 kW				
24 kW				

OPTION Lieutenant



Module + web application
code 100004

Controls all boiler functions:

- monitoring of all temperatures
- remote possibility of temperature changes
- viewing of temperature graphs

OPTION Lieutenant

Radio control 3 variants to choose from



radio room and
weather control

code 100009



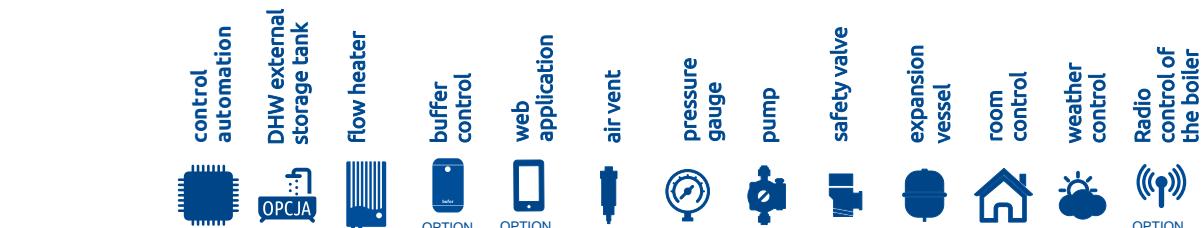
room-only radio
control

code 100010



radio control only
weather

code 100011



Electric heating boilers - LCD Advanced Automation											
Kapitan	●	●	○	●	●	●	●	●	○	●	●
Colonel	●	●	○	●	●	●	●	●	●	●	●
Lieutenant	●	○	●	●	●	●	●	●	●	●	●
Commander	●	●	○	●	●	●	●	●	●	●	●
Electric boilers - LED basic automation											
Corporal	●	●	○	○	○	●	●	○	○	○	○
Sergeant	●	●	○	○	○	●	●	●	○	○	○
Major	●	●	○	○	○	●	●	●	○	○	○
Ensign	●	○	●	○	○	●	●	●	○	○	○
Hussar	●	●	○	○	○	●	●	●	○	○	○

Protection selection	4 kW	4 kW	6 kW	9 kW	12 kW	13 kW	18 kW	21 kW	24 kW
	1 phase	2 phases	3 phases						
Fuse (A)	1 x 20	2 x 10	3 x 10	3 x 16	3 x 20	3 x 20	3 x 32	3 x 32	3 x 40
Supply cable (mm²)	3 x 4	5 x 2.5	5 x 2.5	5 x 2.5	5 x 4	5 x 4	5 x 6	5 x 6	5 x 10

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

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

