

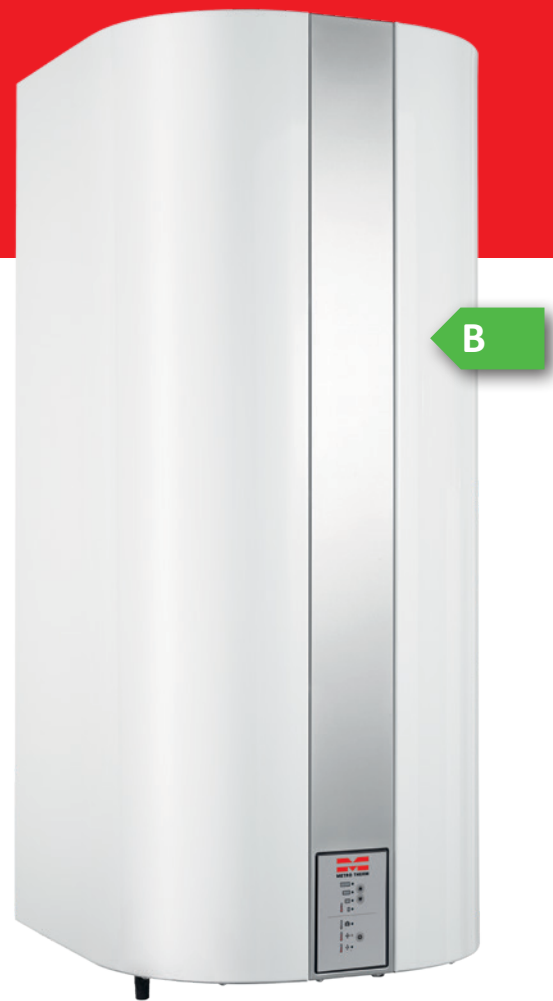
Hot water when you need it

METRO Electric Hot Water Tanks Models 60, 110 and 160 with Smart Control

METRO Electric Hot Water Tanks Models 60, 110 and 160 with Smart Control – a range of tanks with intelligent controls able to continuously read actual consumption patterns from week to week. That means hot water is always available when needed, and electricity consumption reduced by up to 12%.

The advantage of METRO Electric Tanks Models 60, 110 and 160 with Smart Control

- Heat only the amount of hot water needed.
- Three function modes: ECO, Manual, and Holiday.
- Coated in a special enamel against corrosion, limescale and bacteria deposits.
- Low heat loss, as the tanks are fully insulated with PUR insulation foam.
- Frontal control panel, easy to install and service.
- 5-year guarantee against corrosion penetration.
- Readable and replaceable anode.



Performance

The heaters are fitted with a 3 kW (400 V) steatite electric heating element, which can also be connected to 230 V mains supply without modification. Output then becomes 1 kW.

An indicator light on the front shows when the water is heating. The heater is fitted with a thermal fuse, which can be reconnected. The tank is protected from freezing at its minimum setting (5°C). Frequent limescale removal may be necessary, depending on water hardness and amount used.

Construction

The tanks are coated internally with special enamel to protect against rust, limescale and bacteria. They are fitted with readable and replaceable anodes, and are VA-approved (a voluntary Danish approval scheme for water and drain products). The cabinet is powder-coated with a strong, matt silk paint, which is easy to keep clean. Encapsulation class is IP24, fulfilling the Low Voltage Directive, and the heaters are CE-marked.

Smart Control consistently reads actual patterns for household water consumption, and only heats up the amount of water needed at any given time.

That saves energy, and ensures that there is always sufficient hot water for the entire family – no more cold showers!

Smart Control functions

- **ECO mode**
Economy - in which the tank heats the water regardless of consumption patterns saved in the memory
- **Manual setting** with four different temperature levels
- **Holiday setting**, to protect the tank from freezing and legionella bacteria

METRO THERM tanks with Smart Control are designed harmonise with the latest EU requirements for electrically-heated products. Smart Control fulfils the requirements laid down by the EU 2009/125/EC directive.

The image shows three tank models: TYPE 206 ECO, TYPE 211 ECO, and TYPE 216 ECO. Below them are dimension diagrams in mm. To the right is a pressure diagram and a control panel.

Dimensions in mm

Type	H (mm)	W (mm)	D (mm)
TYPE 206 ECO	875	390	390
TYPE 211 ECO	1030	460	460
TYPE 216 ECO	1400	460	460

Pressure Diagram:

1. Water supply (cold) 3/4" shut-off valve
2. Non-return valve (integrated)
3. Safety valve
4. Overflow 3/4"
5. Drain tap
- B. Hot water out 3/4"
- C. Cold water in 3/4"

Control Panel:

- Four comfort levels can be selected here in Manual mode.
- Choose between ECO, Holiday or Manual modes here.

NB: The safety device protects this form of installation on the cold tap water side.

Technical data

Type	Litres	kW	Volt	Fuse rating (A)	Kg	Test pressure, bar	Max. operating pressure, bar	Energy class	Plumbing no.	METRO no.
206 ECO	56	1/3	230/400	1 x 10/2 x 10	48	13.5	10	B*	345181360	112061003
211 ECO	98	1/3	230/400	1 x 10/2 x 10	59	13.5	10	B*	345181560	112111003
216 ECO	142	1/3	230/400	1 x 10/2 x 10	76	13.5	10	C	345181760	112161003

*) With Smart Control.

Heating times

	Volt	Heating time from 10-55 °C, minutes		
		206 ECO	211 ECO	216 ECO
Output 1 kW	230	188	345	502
Output 3 kW	400	63	115	167