

# PREMIUM COMBI

Endurance of a water heater equipped with built-in coil and O'Pro protection technology

## Thermor

### CHARACTERISTICS

#### COMFORT

- Control knob on the bottom of the tank
- Flat chromed thermometer
- Wide range of capacities and models to fit all interior requirements

#### QUALITY - DURABILITY

- Equipped with high-performance coil
- Long tank lifetime thanks to O'Pro exclusive anti-corrosive system
- Magnesium anode for strengthened tank protection
- New generation diamond-quality enamel (glass-lined inner tank)
- Pressure relief valve
- Dielectric union
- Specific lip gasket to avoid corrosion around flange

#### USER-FRIENDLINESS

- IP 23 - full compliance with European standards for electrical safety and user protection
- Heating light indicator

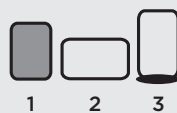
#### SAVINGS

- Mechanical thermostat with integrated security
- High-efficiency water inlet
- CFC-free high-density insulation for more energy savings



### INDIRECT & COMBI WATER HEATER

80 TO 100 L  
(Vertical wall-mounted)



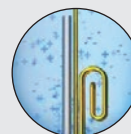
Models available\*



Controls



Technology



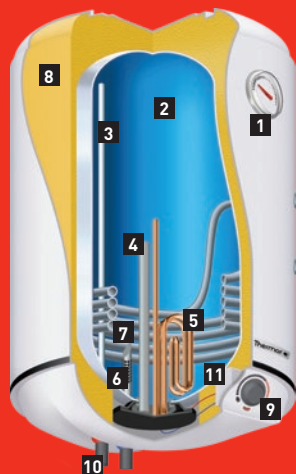
Heating element



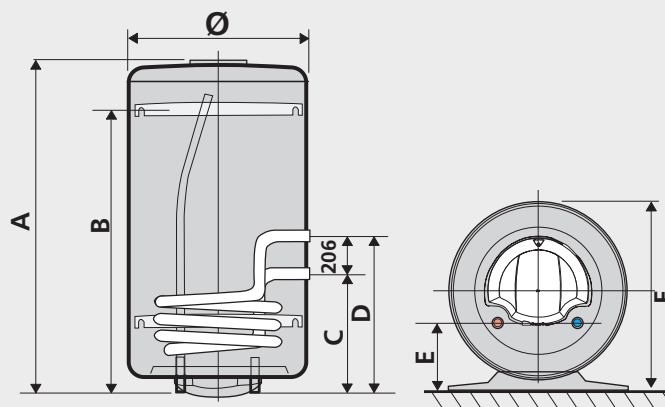
Energy efficiency  
class C

\*Model types: 1. Vertical wall-mounted - 2. Horizontal wall-mounted - 3. Floor-standing.

## INSTALLATION DIMENSIONS (in mm)



- 1 External thermometer
- 2 Diamond-quality enamel
- 3 Optimised stainless outlet pipe
- 4 Magnesium anode
- 5 Sheathed immersion heating element
- 6 Inlet diffuser
- 7 O'Pro anti-corrosive system
- 8 High-density polyurethane foam 0% CFC
- 9 Frontal control knob
- 10 Dielectric union
- 11 Thermostat



## O'PRO TECHNOLOGY



O'Pro exclusive passive electronic anti-corrosive system balances out the electrical potential of the tank and immersion heating element. Thus, the magnesium anode life is considerably increased and protection against corrosion is reinforced.

## TECHNICAL DATA

Capacity (L)	Output <sup>(1)</sup> (W)	Electric supply (V/Hz)	Energy consumption (kWh/24 h)	Max temperature of use	Work pressure (bars)	Inner volume of coil (L)	Surface area of coil (m <sup>2</sup> )	Pressure loss at 2m <sup>2</sup> /h (mm bar)	Pressure loss at 1m <sup>2</sup> /h (mm bar)	Coil maxi working pressure (bar)	Standard testing pressure (bar)
80	1500	230 (220/240)	1.61	90 °C	8	2.7	0.35	20	< 15	6	12
100	1500	230 (220/240)	2.02	90 °C	8	2.7	0.35	20	< 15	6	12

Capacity (L)	Heating element type	Heating time Δt 20 °C secondary 45 °C	Heating time Δt 50 °C secondary 45 °C	Power (kW) primary 90 °C - 2m <sup>3</sup> /h secondary 45 °C	Power (kW) primary 80 °C - 2m <sup>3</sup> /h secondary 45 °C	Continuous flow (L/h) primary 90 °C secondary 45 °C	Flow in 10 minutes (L)	Power (kW)			
								Primary 90 °C - 2m <sup>3</sup> /h		Primary 80 °C - 2m <sup>3</sup> /h	
								Δt = 30 °C	Δt = 50 °C	Δt = 30 °C	Δt = 50 °C
80	sheathed	1h16	3h10	17.5	13.6	431	93	11.6	19.4	11.6	19.4
100	sheathed	2h54	7h20	17.5	13.6	431	103	11.6	19.4	11.6	19.4

## DIMENSIONS

Capacity (L)	Diameter (Ø)	Dimensions (mm)						Net weight (kg)	ERP Energy class	Profile
		A	B	C	D	E	F			
80	433	791	590	251	457	165	451	22	C	M
100	433	948	740	251	457	165	451	25.5	C	L



(1) Only for combi models.

**Thermor**