

# Combi O'Pro



## COMBI WATER HEATER

**Models 80 to 100**  
(Vertical wall-mounted)



### Comfort

- Fast production of large hot water volumes all year round
- Easy-to-change heating temperature thanks to simple mechanical controls



### Durability

- Equipped with a high-performance coil Sheathed immersion heating element
- Extended tank life with O'Pro's exclusive anti-corrosive system, continuously combating rust for extended durability
- Magnesium anode to bolster tank protection
- Specific lip gasket to avoid corrosion around the flange



### Installation

- Suitable for domestic boilers and compatible with solar installations

#### Safe operation:

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



### Energy savings

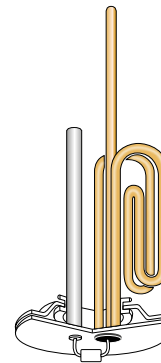
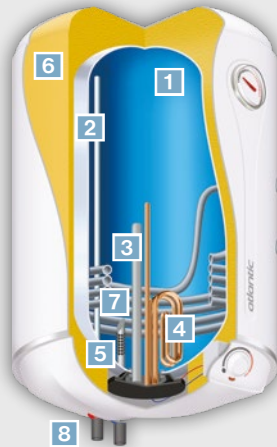
- Heating system connection to enable cost-effective production
- CFC-free high-density insulation to increase energy savings



### User-friendly

- Heating light indicator

- 1 **DIAMOND-QUALITY ENAMEL**  
(glass-lined inner tank)
- 2 Optimised stainless outlet pipe
- 3 **MAGNESIUM ANODE**
- 4 Sheathed immersion heating element
- 5 Inlet diffuser
- 6 High-density, 0% CFC polyurethane foam
- 7 Optimised enamelled coil
- 8 Dielectric union



**O'Pro**  
TECHNOLOGY

### Exclusive anti-corrosive system



O'Pro technology uses an ohmic resistor to balance out the electric potential of both the tank and the heating element. This prolongs the life of the magnesium anode as well as bolstering protection against corrosion.

Video:



## Technical specifications

Model	Output (w)	Electric supply <sup>(1)</sup> (v/hz)	Energy consumption (kwh/24 h)	Max temperature of use	Work pressure (bar)	Inner volume of coil (L)	Surface area of coil (m <sup>2</sup> )	Pressure loss at 2m <sup>3</sup> /h (mbar)	Pressure loss at 1m <sup>3</sup> /h (mbar)	Coil maxi working pressure (bar)	Standard testing pressure (bar)
80	1500	230/50	1.63	90°C	8	2.7	0.35	20	<15	6	12
100	1500	230/50	2.02	90°C	8	2.7	0.35	20	<15	6	12

Model	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 60°C	Flow in 10 minutes (l)	Power (kW)				ErP energy Class Combi	Profile
							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	1h16	3h10	17.5	13.6	431	93	11.6	19.4	11.6	19.4		L
100	2h54	7h20	17.5	13.6	431	103	11.6	19.4	11.6	19.4		L

## Installation dimensions (mm)

Model	Diameter (Ø)	Dimensions (mm)						Net weight (kg)
		A	B	C	D	E	F	
80	433	791	590	251	457	165	451	22
100	433	948	740	251	457	165	451	25.5

