

# EXTERNO

## LOW NOx GAS WALL-MOUNTED WATER HEATER FOR OUTDOOR INSTALLATIONS WITHOUT FLUE GAS DUCTS



- **Type A3 instantaneous gas water heater** with front flue gas exhaust, for installations without flue gas exhaust ducts
- **LOW NOx** appliance pursuant to ErP directives. It can work both with methane or LPG (with specific conversion kit).
- Suitable for protected **outdoor installations**. It can operate at **temperatures as low as -20°C** (supplied as per standard with electric heating elements on the water circuit)
- Appliance applied **as per standard with remote control timer** (and relative connection cable), with large **interface display** and simple **control keys**, for easy and intuitive regulation
- Runs in **continuous modulation** with **double temperature sensor** control at water inlet and outlet. Models 22 and 26 are equipped with a power regulating valve at cold water inlet, to improve the stability of the produced domestic hot water.
- Suitable for operating coupled with a **thermal solar plant**

### > USER FUNCTIONS:

- **ECO:** the dispensing temperature of the hot water and the power of the burner are reduced. Ideal for operation during hot weather seasons
- **CHILDREN PROTECTION:** When setting a very high setpoint, every time the water heater switches off, the supply temperature is brought to 48°C so that the following withdrawal is performed in complete safety

The conversion kit to LPG must be purchased with the following codes:

**014041X0** | Kit for conversion to LPG for EXTERNO mod. 11

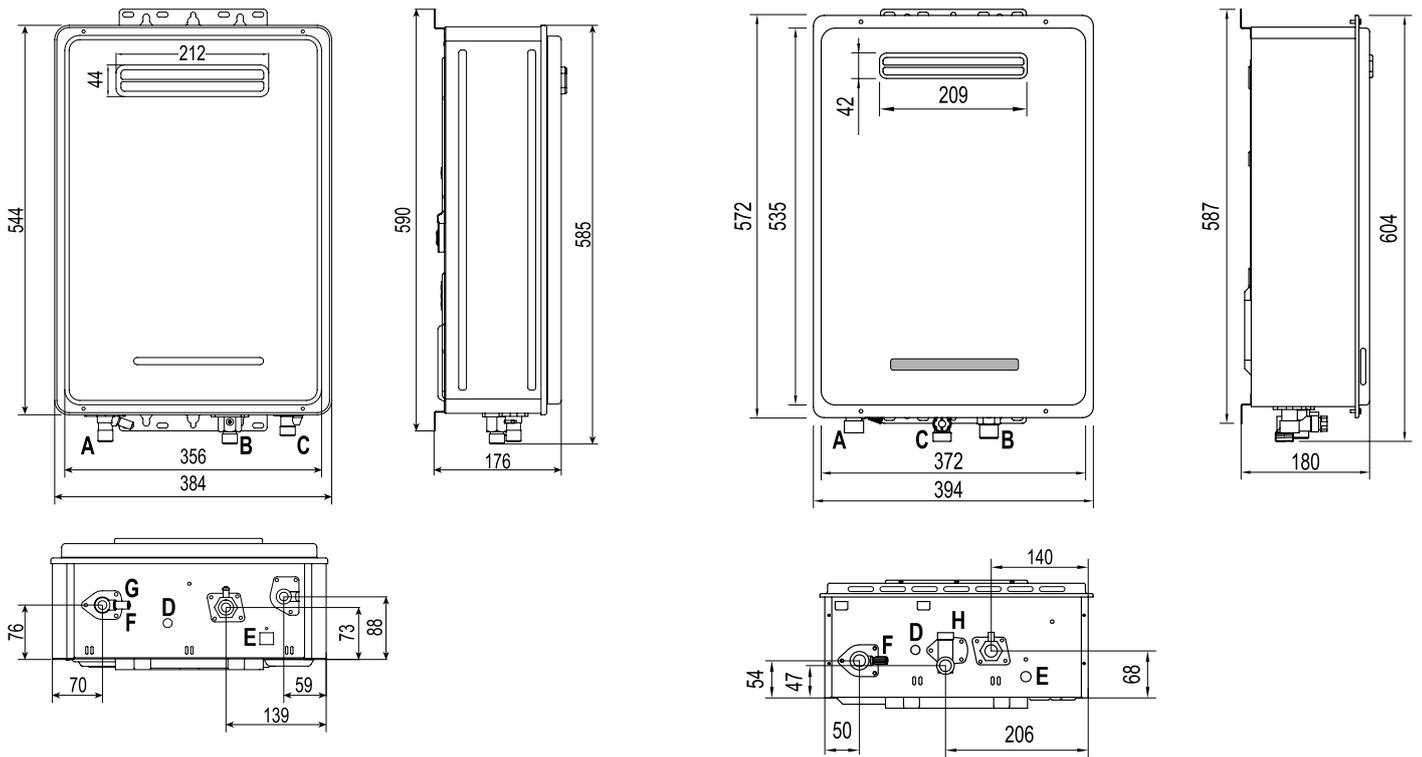
**014042X0** | Kit for conversion to LPG for EXTERNO mod. 16

**014043X0** | Kit for conversion to LPG for EXTERNO mod. 22

**014044X0** | Kit for conversion to LPG for EXTERNO mod. 26



MODEL			11 NG	16 NG	22 NG	26 NG
ERP Class		(Class G - A)				
Nominal heat input	Max / Min	kW	22 / 8	32 / 9.5	44 / 8.5	52 / 9.5
Heat output	Max / Min	kW	19.8 / 7.6	29.6 / 8.8	38.3 / 7.6	45.2 / 8.6
NOx Class (according to EN 15502)			6	6	6	6
Maximum operating pressure	Max / Min	bar	10 / 0.2	10 / 0.2	10 / 0.2	10 / 0.2
Domestic hot water production	Δt 25°C	l/min	11	16	22	26
	Δt 30°C	l/min	9.7	14.1	18.3	21.6
Domestic hot water temperature regulation	Min / Max	°C	65 / 35	65 / 35	65 / 35	65 / 35
Empty weight		Kg	15.1	15.5	19.3	19.3
Electric power supply		V/Hz	230 / 50	230 / 50	230 / 50	230 / 50
Electrical protection rating		IP	X5	X5	X5	X5
<b>No. of pieces/pallets</b>		<b>no.</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>CODE</b>			<b>ODW93IWA</b>	<b>ODW95IWA</b>	<b>ODW98IWA</b>	<b>ODW99IWA</b>



**> KEY**

- A Hot water outlet f 1/2'
- B Gas inlet f 1/2'
- C Cold water inlet f 1/2'
- D Remote control cable connector
- E Electric power supply
- F Safety valve discharge
- G Exhaust valve
- H Cold water inlet filter

**REMOTE CONTROL PANEL**

Display for:  
 Indication of setpoint temperature during standby  
 Fault codes indication

ECO mode active

Burner on

ECO mode activation



DHW withdrawal active - H<sub>2</sub>O flow indication

Fan powered - switch-on phase

Adjustment and setting keys:  
 DHW temperature regulation  
 Parameter setting

ON/OFF key

The EXTERNO water heater series is without onboard controls. The DHW temperature control, setting and adjustment functions are performed by a remote control supplied as per standard, complete with connection cable.

The interface display and the control keys are designed to make the control as simple and intuitive as possible. In case of failure and/or malfunctioning of the water heater, the indication on the display is accompanied by a buzzer.