

Luna Air and Luna IN Plus
#outdoor #built-in #wall-hung

Gas condensing boilers for outdoor wall-hung
and built-in installations



Versatile installations to save space and energy

Luna IN PLUS and Luna Air are the ranges of condensing boilers for **outdoor wall-hung and built-in installations**. They are **ideal for small to medium size apartments** or in all situations when the spaces don't allow an indoor installations. A **built-in installation** is possible to **save space in small balconies** or if there are any **esthetic constraints**.

Thanks to the 1:7 modulation range, the boiler's energy production varies in line with system demands, with **savings on the bill and gas consumption**.

Condensing boilers for outdoor and built-in installation

Luna Air		Maximum heat input (heating)		Maximum heat input (DHW)		Load profile
28	Combi	24 kW	A	28 kW	☞ A	XL
24	Combi	20 kW	A	24 kW	☞ A	XL

Premium condensing boilers for outdoor and built-in installation

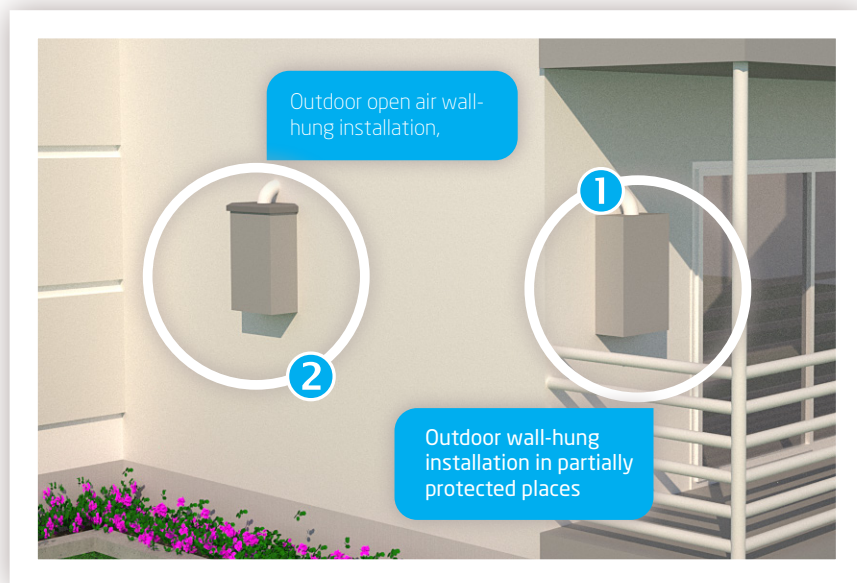
Luna IN Plus		Maximum heat input (heating)		Maximum heat input (DHW)		Load profile
30	Combi	24 kW	A	30 kW	☞ A	XL
26	Combi	20 kW	A	26 kW	☞ A	XL
1,24	Heating only	24 kW	A	-	☞ A	-



Perfect for all your installation needs

With Luna Air and Luna IN Plus, you can choose between **three different installations**:

- 1 wall hung **installation in partially protected places**;
- 2 open air **wall hung installation with cover kit**;
- 3 built-in **installation with dedicated retaining case**.



Outdoor wall-hung installation

Luna Air and Luna IN Plus are the ideal boilers for outdoor wall-hung installation: in **partially protected places** (e.g. balcony) and also **in the open air, with the addition of the upper cover kit**.

Luna Air and Luna IN Plus can work with a minimum temperature of -15°C , and the electrogalvanized cover protects the boiler and all its components for a **highly reliable outdoor use**.



The **upper cover kit** (available as optional) allows Luna Air and Luna IN Plus to be suitable for open air installation. It **protects the boiler from atmospheric agents**, safeguarding the components from rain, wind and sun. Furthermore, the upper cover, **including flue system kit and sealing collar**, avoids the access of unwanted intruding object that could compromise the operation of the boiler.

Built-in installation

Luna Air and Luna IN Plus can be installed **built-in** with the specific **dedicated retaining case**, available as an accessory.

This kind of installation is ideal for **narrow balconies** or is case of **aesthetic constraints**.

You can paint the built-in box in any shadow, **becoming almost invisible**.



Features

1:7

Wide modulation range

With a high modulation ratio, the **reduction of switching on/off cycles** leads to a **greater efficiency**, significant **reductions in consumption** (by 8-10%) and in polluting emissions.

GAC

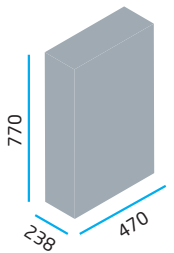
Gas Adaptive Control

Innovative system that automatically detects the kind of gas and continuously adjusts the the gas-to-air ratio for the **highest quality combustion** which results in **lower gas consumption**, without any other components/transformation kit required.



Anti-frost function

The boiler has been designed to operate up to **-15°C**. In addition, the **anti-frost function**, provides for the automatic ignition of the burner avoiding ice formation.



Compact dimensions

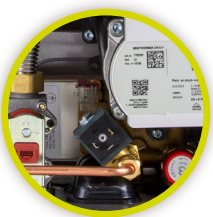
The **238-mm depth** means an easy replacement of your old boiler in existing case and to save space in outdoor installation.



ErP Energy Labelling

The labeling regulation (EU Regulation 2017/1369) requires products to be labeled according to a descending energy scale ranging from A+++ to D (in heating) and from A+ to F (in sanitary). Luna Air and Luna IN Plus are labelled **class A** in heating and sanitary.

Luna IN Plus: premium features



Automatic system filling

In case of losses, the boiler will detect a pressure drop and automatically re-fill the primary circuit with water, ensuring the home is at the desired temperature, without any boiler's stop for low pressure.



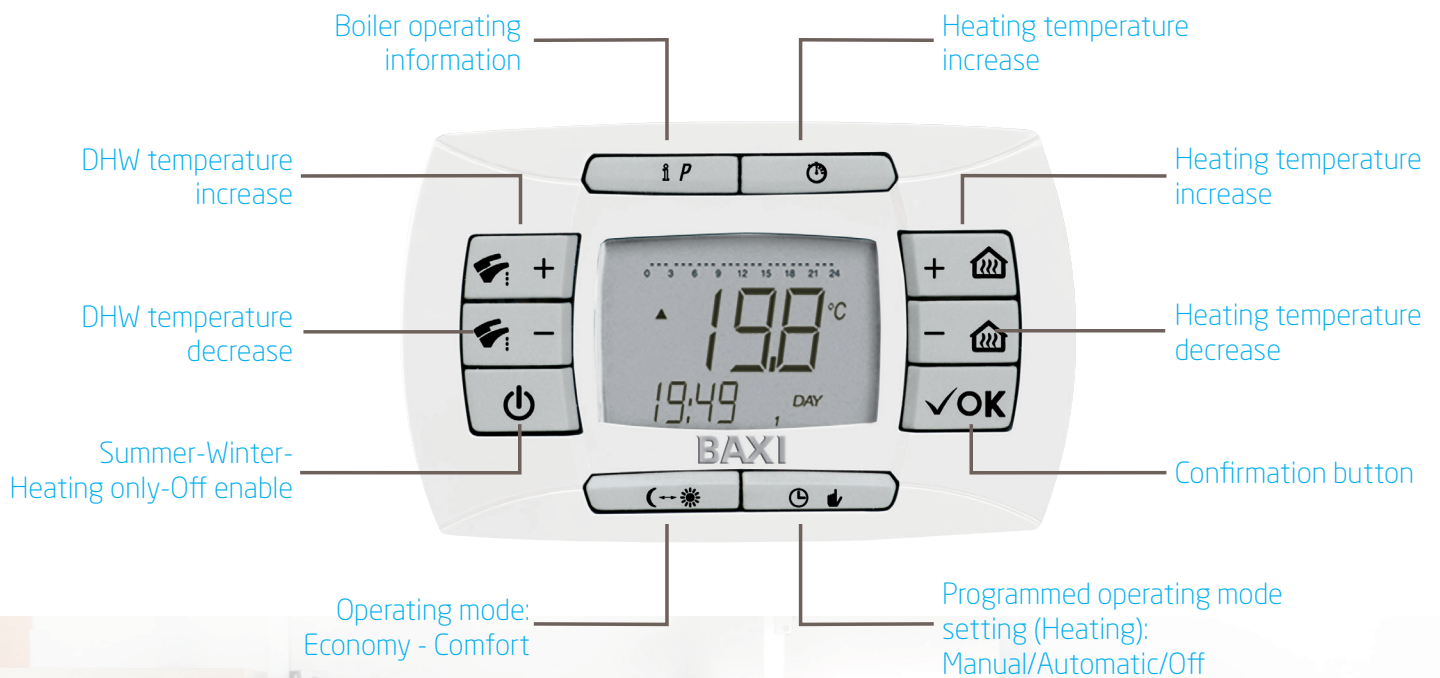
Get the perfect temperature in every room

The Luna IN Plus can manage 2 independent zones, so you can choose 2 different temperature settings for the best home comfort, without installing any other accessory.

Remote digital control panel

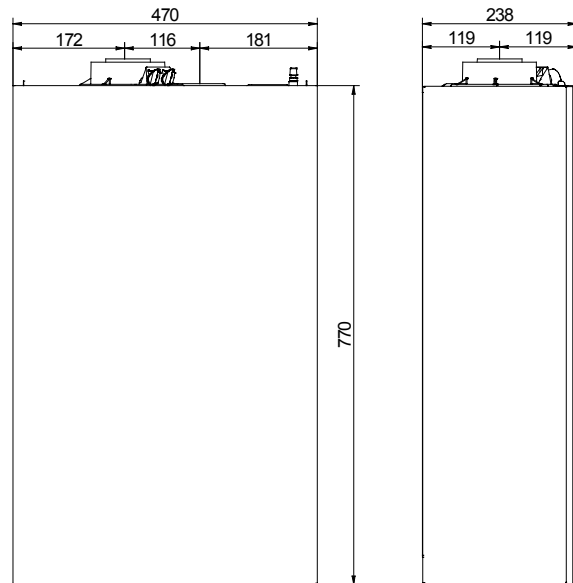
Your comfort at fingertip

The remote digital control panel **supplied AS STANDARD** allows you to control your comfort with an **easy programming and immediate diagnostics** of boiler operation and recording of the latest anomalies. It includes room thermostat, heating and sanitary scheduling functions.



Standard supply in the box

- Wall-hung gas condensing boiler
- Wall mounting bracket and screws
- Remote digital control panel
- Flue gas connection kit
- Wall template
- Telescopic connection pipes kit with gas and hot water taps for built-in installation (supplied with Luna IN Plus)
- Installation and service manual
- User manual



Accessories for Luna Air and Luna IN Plus

Accessories for wall mounted installation



Telescopic connection pipes kit
(with gas and DHW taps)



IN-Air outdoor cover kit
(includes flue system kit and sealing collar)
FOR OPEN AIR INSTALLATION

Accessories for built-in installation



Built-in box with door
For Luna IN Plus and Luna Air



Frame kit
(to be ordered with code KHG 71410991 - to replace Luna3 Comfort IN models or if needed)
For Luna IN Plus and Luna Air



Built-in telescopic connection pipes kit
(gas and DHW taps)
For Luna Air (the kit is supplied with Luna IN Plus)

Technical data

		Luna Air	
		24	28
Rated heat input (Qn) for domestic hot water	kW	24,7	28,9
Rated heat input (Qn) for heating	kW	20,6	24,7
Rated heat output (Pn) for domestic hot water	kW	24	28
Rated heat output (Pn) for 50/30 °C heating	kW	21,8	26,1
Load profile		XL	XL
Space heating - Seasonal energy efficiency η_s	%	93	93
Useful efficiency at 30% of rated heat output and 30°C return temperature η_1	%	98	98
Useful efficiency at 30% of rated heat output and 30°C return temperature (lower calorific value)	%	108,8	108,8
NOx emissions	mg/kWh	15	17
DHW production ΔT 25°C / 35°C	l/min	13,8 / 9,8	16,1 / 11,5
Expansion vessel capacity	l	8	8
Sound power level, indoors LWA	dB	49	50
Gas type		Natural gas/LPG	
Net weight	kg	32,5	32,5
Product dimensions (h \times w \times d)	mm	770/470/238	
Grade of protection against humidity (EN 60529)		IPX5D	

		Luna IN Plus		
		26	30	1.24
Rated heat input (Qn) for domestic hot water	kW	26,8	28,9	-
Rated heat input (Qn) for heating	kW	20,6	24,7	24,7
Rated heat output (Pn) for domestic hot water	kW	26	28	-
Rated heat output (Pn) for 50/30 °C heating	kW	21,8	26,1	26,1
Load profile		XL	XL	-
Space heating - Seasonal energy efficiency η_s	%	94	94	93
Useful efficiency at 30% of rated heat output and 30°C return temperature η_1	%	98,9	98,8	98,0
Useful efficiency at 30% of rated heat output and 30°C return temperature (lower calorific value)	%	109,9	109,7	108,8
NOx emissions	mg/kWh	15	17	16
DHW production ΔT 25°C / 35°C	l/min	13,8 / 9,8	16,1 / 11,5	-
Expansion vessel capacity	l	8	8	8
Sound power level, indoors LWA	dB	49	48	52
Gas type		Natural gas/LPG		
Net weight	kg	32,5	32,5	28,5
Product dimensions (h \times w \times d)	mm	770/470/238		
Grade of protection against humidity (EN 60529)		IPX5D		



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