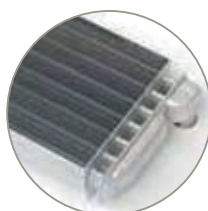


Luna3 Comfort



- Remote control with LCD display supplied with the boiler; it includes room thermostat, heating and sanitary timers functions
- Enhanced heat exchanger
- Hydraulic group made of brass and flowmeter with turbine (combi models)
- Sanitary pre-heating function
- Connection to Baxi integrated solar systems option



Enhanced heat exchanger
Made of copper pipes protected with anticorrosion coating. It has a wide surface of exchange.



Connection to solar systems
Electronics has been designed to allow the boiler to turn on only when the cylinder temperature is lower than the one requested.

Hydraulic system

3 way electric diverter valve ⁽¹⁾
Steel burner
Primary exchanger made of copper pipes protected with anticorrosion coating
Stainless steel sanitary exchanger (combi models)
Automatic by-pass
Low energy pump with automatic air vent
System to prevent pump and 3 way valve sticking operating every 24 hours
Heating circuit relief valve set at 3 bar

Thermoregulation system

Two heating temperatures possible ranges: 30/85°C, 30/45°C
Built-in climatic regulation (outdoor sensor available as optional)
Control of multi-zones system option
Room sensor, heating circuit and sanitary timers included in the control panel
Sanitary timer (indirect cylinder)

Control system

Overheat limit thermostat for the water/flue exchanger
Hydraulic pressure switch to prevent boiler operating in event of low water
Pressure switch to ensure safe discharge of flue products (fanned flue models)
Flue thermostat to ensure safe discharge of flue products (open flue models)
Electronic temperatures control by NTC sensors
Full anti-frost device
Electronic thermometer
AFR system, patented by Baxi that allows the efficiency optimization thanks to a perfect inlet air regulation (fanned flue models with dual flue system)
Heating circuit pressure gauge

Product code	Natural Gas LPG	CSE	Combi		Heating only*			
			Fanned flue	Open flue	Fanned flue	Open flue	Open flue	
			240 Fi	310 Fi	240 i	1.240 Fi	1.310 Fi	1.240 i
			45624358 45624158	45631358 45631158	45224358	45524358	45531358 45531158	45124358
Maximum heat input		kW	26,9	33,3	26,3	26,9	33,3	26,3
Minimum heat input		kW	10,6	11,9	10,6	10,6	11,9	10,6
Maximum heat output		kW	25	31	24	25	31	24
Minimum heat output		kW	9,3	10,4	9,3	9,3	10,4	9,3
Maximum efficiency		%	92,9	93,1	91,2	92,9	93,1	91,2
Energetic efficiency (92/42/CEE)			★★★	★★★	★★	★★★	★★★	★★
Efficiency at 30%		%	90,2	90,8	90,29	90,2	90,8	90,29
Minimum working temperature		°C	-5	-5	-5	-5	-5	-5
Expansion vessel/pre-charge		l/bar	8/0,5	10/0,5	8/0,5	8/0,5	10/0,5	8/0,5
Heating system max pressure		bar	3	3	3	3	3	3
Heating temperature range		°C	30/85 30/45	30/85 30/45	30/85 30/45	30/85 30/45	30/85 30/45	30/85 30/45
DHW temperature range		°C	35/60	35/60	35/60	35/60	35/60	35/60
DHW production ΔT 25°C		l/min	14,3	18	13,7	-	-	-
Minimum capacity DHW flow rate		l/min	2	2	2	-	-	-
Minimum pressure on DHW circuit		bar	0,15	0,15	0,15	-	-	-
Maximum pressure on DHW circuit		bar	8	8	8	-	-	-
Flue tube		Ø mm	-	-	120	-	-	120
Coaxial flue system Ø 60/100		m	5	4	-	5	4	-
Dual flue system Ø 80 max length		m	40	25	-	40	25	-
Maximum flue mass flow rate		kg/s	0,017	0,018	0,019	0,017	0,018	0,019
Minimum flue mass flow rate		kg/s	0,017	0,019	0,017	0,017	0,019	0,017
Maximum flue temperature		°C	135	145	110	135	145	110
Dimensions (h x w x d)		mm	730 x 400 x 299					
Net weight		kg	38	40	33	36	38	31
Gas type			Natural Gas/LPG					
Power consumption		W	135	165	80	135	165	80
Grade of protection			IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

⁽¹⁾In the heating only models, the electric motor is available as optional.

* Heating only models are connectable to Combi 80 L+/UB-UB INOX 80/120 lt. See page 36-37 for sanitary performance.