

THE NEW CONVENTIONAL FLUE WATER HEATER
with low emission



FORTE LX P

FONTE LX P

BERETTA INTRODUCES FONTE LX P, THE NEW CONVENTIONAL FLUE INSTANTANEOUS WATER HEATER, IDEAL FOR USE IN RESIDENTIAL SECTOR.

FONTE LX P is part of Beretta's low NOx product line, offering excellent sanitary comfort and complying with the latest European directives on emissions reduction.

FONTE LX P is available with a capacity of 11 and

14 liters/min, in both natural gas and LPG versions, with specific codes. The ease of installation and maintenance, combined with user-friendliness, make it the perfect choice for domestic hot water production in homes.

TECHNICAL FEATURES AND ADVANTAGES

- **PRODUCTION OF DOMESTIC HOT WATER** of 11 and 14 litres/min with ΔT 25°C.
- **COOLED BURNER** to reduce NOx emissions generated during high-temperature combustion processes.
- **SAFETY DEVICES:** flame ignition sensor, safety valve, limit thermostat and smoke thermostat.
- **ELECTRONIC BATTERY IGNITION** with pilot electrode.
- **AUTOMATIC PROPORTIONAL POWER VARIATION:** the water heater is able to adapt the flame modulation and, therefore, the gas consumption, to the required water withdrawals.
- **PRESSURE REGULATOR** as standard: keeps the power of the water heater stable regardless of any pressure variations that may occur in the gas network.
- **OPTIMIZED THERMAL EFFICIENCY** thanks to energy-saving combustion technology.
- **IGNITION EVEN AT LOW WATER PRESSURE**, up to 0,3 bar.
- **SIMPLE AESTHETICS THAT CAN BE EASILY INTEGRATED** into domestic environments combined with a compact design that makes installation quick and easy.

SIMPLE AND USER FRIENDLY INTERFACE

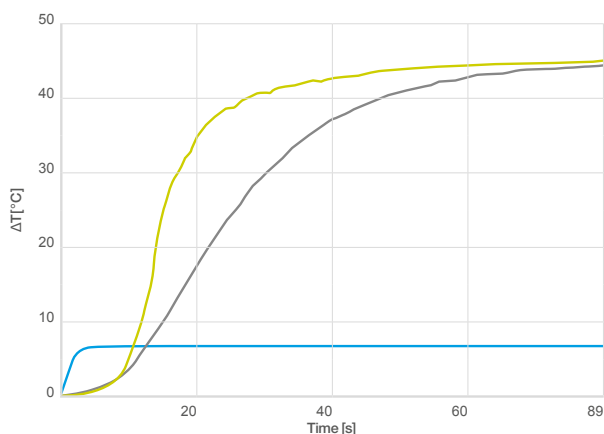
FONTE LX P is equipped with an extremely easy-to-use interface. The knobs, the one on the left for regulating the gas flow and the one on the right for controlling the water flow, allow you to manage comfort quickly and intuitively. The separate control of flame and water flow makes it easier to adjust the temperature, allowing the user to select the one that best suits their preferences. In the center, a small display provides the hot water temperature in real time and signals any errors.



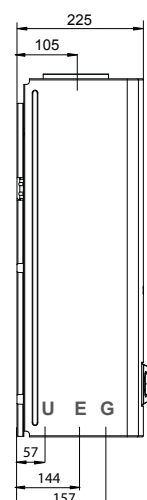
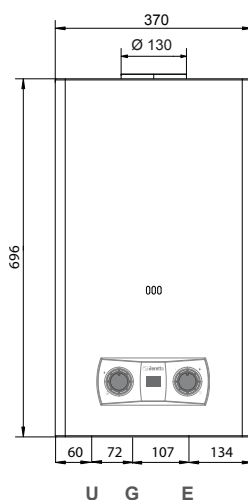
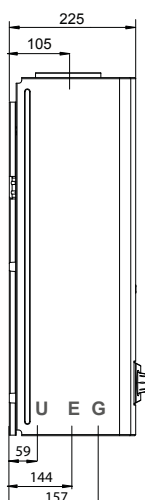
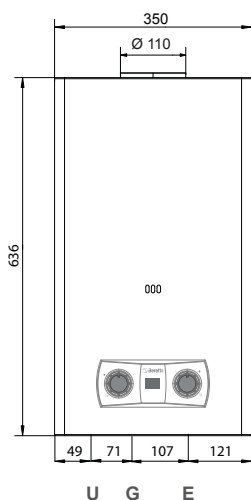
IMMEDIATE OUTLET OF HOT WATER



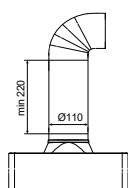
The new **FORTE LX P** range offers the end user OPTIMAL DHW COMFORT by reaching THE DESIRED HOT WATER TEMPERATURE in REDUCED TIMES COMPARED TO PREVIOUS MECHANICALLY MANAGED RANGES.



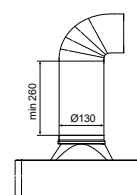
— **FORTE LX P**
 — Previous models with mechanical management
 — Domestic water flow rate l/min



U= DHW OUTLET E = DCW INLET G = GAS



MINIMUM VERTICAL HEIGHT OF THE FLUE GAS PIPE
REQUIRED FOR CORRECT EVACUATION
2 X Ø





TECHNICAL DATA

MODELS AVAILABLE	UoM	FORTE LX 11 P	FORTE LX 14 P
ENERGY LABEL SPECIFICATIONS ACCORDING TO EUROPEAN DIRECTIVE ErP			
DHW seasonal energy efficiency class	F → A+ (*)	A	A
DHW load profile	-	M	XL
DHW energy efficiency (η_{wh})	%	76,6	84,7
Daily gas consumption (Q_{fuel})	kW / h	8168	23558
Annual fuel consumption	kW / h	1666	5000
Internal sound power level LWA	dB	56	62
Nitrogen Oxide (NOx) emissions	mg/kWh	30	18
TECHNICAL CHARACTERISTICS			
Type	-	Conventional flue	Conventional flue
Draught	-	Natural draught	Natural draught
Ignition	-	2 batteries 1,5V	2 batteries 1,5V
Flame control	-	By ionization	By ionization
Flame modulation	-	Proportional	Proportional
Domestic hot water production $\Delta t=30^{\circ}\text{C}$ (G20/G31)	litres/min	8,8/8,4	11,3/11,1
Nominal heat input (G20/G31)	kW	21,5/21,5	27,5/27,0
Nominal heat output (G20/G31)	kW	18,5/18,5	23,7/23,2
WATER			
DHW withdrawal range - Selector at minimum	litres/min	3	3
DHW withdrawal range - Selector at maximum	litres/min	10,4	13,3
DHW temperature rise - Selector at minimum	$^{\circ}\text{C}$	23,5	35
DHW temperature rise - Selector at maximum	$^{\circ}\text{C}$	48,8	55,2
Minimum/Normal/Maximum Pressure	bar	0,3/2,0/10	0,3/2,0/10
Water connections	$\varnothing$	1/2"	1/2"
GAS			
Nominal supply pressure G20/G31	mbar	20/37	20/37
Gas connection	$\varnothing$	1/2"	1/2"
G20/G31 flue gas temperature	$^{\circ}\text{C}$	144/152	125,5/128,2
FLUE GAS			
Diameter	mm	110	130
DIMENSIONS AND WEIGHT			
Dimensions (HxWxD)	mm	636x350x225	696x370x225
Net weight	kg	12,7	13,3
Available gas versions	-	Natural gas/LPG	Natural gas/LPG

(*) The energy efficiency class range of this product category is from F up to A+.