

BIOPELLET PRO

STEEL PELLET BOILERS FOR CENTRAL HEATING



> STRENGTHS:

- Biopellet Pro is one of the most efficient central heating boilers that uses automated pellet combustion
- The operating principle of this boiler is based on using a vacuum combustion chamber, which is completely sealed so that the airflow is controlled by the exhaust fan mounted on the rear side of the boiler
- Combustion is optimized using a modulation algorithm that automatically reduces the pellet and air feed as the boiler approaches the desired temperature.
- The boiler must not be installed in living areas (including hallways)
- Fully equipped boiler - includes expansion tank, safety valve, and built-in circulation pump
- High efficiency of up to 94% - flue gas temperature below 160°C
- Exhaust fan - ensures the necessary airflow for combustion and proper evacuation of flue gases
- Low NOx levels in compliance with European Standards EN 303-5
- Fully automated ignition / startup / shutdown of the boiler
- Efficient operation - modulating burner and sealed combustion chamber with airflow controlled by a fan
- Compact dimensions - easy to transport and install thanks to its small footprint (pellet tank mounted on top)
- Effective combustion - simplified cleaning and maintenance compared to traditional solid fuel boilers



CONTROL PANEL

The control panel with LCD display is equipped with a multilingual menu and allows you to constantly monitor all the parameters relating to the management of the heating/sanitary systems

MODEL		8	12	18	24	30	40
ErP Class							
Fuel type		Wood pellet - EN ISO 17225-2_A1					
Heat output *	kW	9 - 2.2	12 - 3.2	18 - 5.1	24.2 - 6.8	30.8 - 8.7	44 - 12
Thermal efficiency *	%	92.1 - 90.7	94 - 96	95 - 96	93 - 96	93 - 96	92.7 - 93
Maximum fuel consumption **	kg/h	1.9	2.6	2.4	5.3	6.7	9.4
Pellet storage capacity	Kg	105	105	105	105	105	105
Water content	litres	30	30	48	48	65	65
Electrical supply	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50
Power consumption (ignition / normal operation)	W	310/60	310/60	310/60	310/60	310/60	380/60
Water inlet/outlet	"	1	1	1	1	1	1
Smoke outlet	mm	80	80	80	80	80	100
Dimensions (H x L x A)	mm	1490x600x750	1490x638x750	1564x638x772	1564x638x772	1650x700x790	1650x700x790
Weight	kg	230	230	270	270	310	320
Heatable volume ***	m ³	257 - 180	342 - 240	514 - 360	691 - 484	880 - 616	1257 - 880
CODE		LSBBP08T	LSBBP12T	LSBBP18T	LSBBP24T	LSBBP30T	LSBBP40T

* at Nominal and Minimum power

** Fuel consumption may vary depending on the type of pellet used

*** Depending on the insulation status of the home and calculated on 35 - 50 W/m³