

BIOPELLET UNO

STEEL PELLET BOILERS FOR CENTRAL HEATING



> STRENGTHS:

- Biopellet Uno are fully automated steel boilers designed for centralized residential heating
- They are delivered fully equipped and ready for installation, including: heating pump, expansion vessel, safety valve, safety thermostat, digital control panel, high-airflow self-cleaning system, integrated pellet hopper, and removable ash tray
- The combustion process is optimized using a dynamic modulation algorithm that automatically adjusts pellet dosage and airflow based on deviation from the set temperature. This proportional control strategy ensures stable combustion, minimal fuel consumption, and increased energy efficiency
- Installing the boiler in living areas (including hallways) is strictly prohibited!
- Fully automated operation with daily, weekly, and weekend scheduling
- Option to connect an external boiler for domestic hot water production
- Option to connect a room thermostat
- Digital control panel with buttons
- Control capability of a mixed heating circuit



CONTROL PANEL

This control panel implements all the functions while maintaining a compact size, making it possible to:

- View information on the appliance's operation
- View and modify operating parameters
- View the system's operating temperatures
- Set on and off programs in both normal operation and in chronothermostat mode

MODEL		12	18	24	30
ErP Class					
Fuel type		Wood pellet - EN ISO 17225-2_A1			
Heat output *	kW	12.1 - 3.5	18.2 - 4.8	24.2 - 6.8	30.1 - 7.3
Thermal efficiency *	%	91.9 - 90.7	92.6 - 91.7	92.7 - 91.9	92.8 - 92.0
Maximum fuel consumption **	kg/h	2.8	3.9	5.2	6.5
Pellet storage capacity	Kg	100	108	108	118
Water content	litres	42	45	45	65
Electrical supply	V/Hz	230/50	230/50	230/50	230/50
Water inlet/outlet	"	1	1	1	1
Smoke outlet	mm	80	80	80	80
Dimensions (H x L x A)	mm	1420x630x800	1460x630x840	1460x630x840	1560x640x840
Weight	kg	260	275	275	292
Heatable volume ***	m ³	345 - 242	520 - 364	691 - 484	860 - 602
CODE		OSRC06XA	OSRC07XA	OSRC08XA	OSRC09XA

* 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