

BRETA PELLET PRO

PELLET-BURNING THERMO-FIREPLACES FOR CENTRAL HEATING SYSTEMS



> STRENGTHS:

- Breta Pellet Pro are automated thermal fireplaces designed for central heating
- They come fully equipped with a heating pump, expansion vessel, safety valve, safety thermostat, digital control panel, self-cleaning via increased air flow, pellet hopper, and a removable ash tray
- The combustion control is optimized through a modulation algorithm that automatically reduces the pellet and air supply as the boiler nears the desired temperature



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		8	12	18	24	30
ErP Class						
Fuel type		Wood pellet - EN ISO 17225-2_A1				
Heat output *	kW	8.3 - 5.0	12.1 - 5.0	18.1 - 7.8	24.3 - 9.4	30.3 - 11
Heat output of water *	kW	7.4 - 4.5	10.3 - 4.5	16.0 - 6.9	21.2 - 7.8	26.2 - 8.71
Space Heat output *	kW	0.9 - 0.5	1.8 - 0.5	2.1 - 0.9	3.1 - 1.6	4.1 - 2.26
Thermal efficiency *	%	93.0 - 94.2	93.1 - 93.5	93.4 - 94.3	93.6 - 94	93.9 - 93.9
CO emissions (13% O ₂) *	mg/m ³	246 - 433	234 - 441	65 - 252	91.6 - 232.1	117 - 213
Pellet consumption **	kg/h	1.8 - 1.1	2.7 - 1.1	4.0 - 1.7	5.34 - 2.06	6.66 - 2.41
Pellet storage capacity	kg	22	30	39	39	45
Maximum flue gas temperature	°C	96.5	100	101.1	101.8	102.4
Flue gas outlet	mm	Ø 80	Ø 80	Ø 80	Ø 80	Ø 80
Minimum chimney draft required	Pa	12	12	12	12	12
Combustion air inlet	mm	Ø 60	Ø 60	Ø 60	Ø 60	Ø 76
Electrical supply	V/Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Power consumption (ignition / normal operation)	W	400 / 60	400 / 60	400 / 60	400 / 60	400 / 60
Weight	kg	145	160	170	170	188
Dimensions (height / width / depth)	mm	970 / 525 / 580	1050 / 535 / 600	1130 / 585 / 615	1130 / 585 / 615	1180 / 625 / 660
Heatable volume ***	m ³	212 - 148	295 - 206	458 - 320	606 - 425	750 - 525
CODE	IVORY	OSR010XA	OSR020XA	OSR030XA	OSR040XA	OSR050XA

(*) 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 W/m³