

Quality with
a remarkable price!



bisolid
model **AUTOMAT**



bisolid

The steel hot water boiler **Bisolid Automat** is suitable for the heating of homes, houses, production workshops, etc., providing comfort to users with automated functions and options for settings, control and monitoring of operating parameters.

The innovative boiler automatic switching between main fuel (pellets) and additional fuel (firewood or wood chips) provides constant comfort at attractive prices. The pellet burner is automatically switch off after adding and burning of the additional fuel, and during its combustion, the burner is automatically switched on and continues to maintain the set temperature with the main fuel.

Combined boilers using pellets or firewood/ wood chips **BISOLID AUTOMAT**

- Easily and quickly switch between different fuel types. Automated ignition and burning of firewood and wood chips.
 - Ability to burning firewood and wood chips with high moisture. Intuitive self adjustment of pellet burner operation according to the moisture of the additional fuel for better combustion.
 - Automated completely operation of the pellet burner at main fuel combustion – ignition, flame monitoring, blowing of the combustion chamber.
 - Convenient and user-friendly graphical LCD display with Bulgarian and English menu, showing the current condition of the combustion process parameters.
 - High efficiency of the boiler with minimum fuel consumption, thanks to the automatic settings of the required fresh air and fuel quantities, according to user-selected temperature.
 - Automatic modulation of the combustion process, reducing the number of burner stops and starts and respectively reducing of the fuel and electricity consumption.
 - Control of circulation pump according to the heat carrier temperature.
 - Quiet operation and low consumption of electric power.
 - High safety level – back fire protection, heat carrier freezing protection and protection for blocking of the circulation pump.
 - Control of fan for exhausted gases.
 - Operation with thermostat and weekly programmer at wooden pellets mode.
 - Innovative cleaning the burner combustion chamber by mechanical scraping of the grate by means leverage mechanism, without the need to interrupting the boiler operation and its opening.
 - A movable cast iron grate for easy cleaning of the ash in the boiler combustion chamber.
 - Convenient and easy to clean ashtray.
 - The combustion process control at room air temperature; the ability to control and outside air temperature.
 - Delayed start.
- Burner control via GSM module (optional) by sending of SMS commands - the possibility of stopping and starting and a review of its current condition.



Code	Model	Nominal heat output pellets/firewood/wood chips (kW)	Operating pressure (bar)	Efficiency (%)	Water volume (l)	Weight (kg)	Length (mm)	Height (mm)	Width (mm)
2104221025	Bisolid Automat 25	17/25/25	2.0	86	70	268	896	847	595
2104221040	Bisolid Automat 35	20/35/25	2.0	86	100	316	896	1048	595
2104221045	Bisolid Automat 45	30/45/35	2.0	86	105	331	896	1148	595

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