

Quality with a remarkable price!



**bisolid**  
model *GP xx R tsc*

The modulating tube pellet burner with fully mechanical self-cleaning series Bisolid GP xx R tsc is designed for installation to different solid fuel hot water boilers. The burner utilizes wood pellets, as the generated heat energy is adopted by the boiler body's heat exchanger surfaces, to which it is mounted. The fuel and air are mixed in the burner in controlled way and this is a reason for ecological combustion and high efficiency.

#### ADVANTAGES:

- Innovative rotary combustion chamber - stable efficiency and low emissions with minimal user intervention.
- A system for mixing fuel into the combustion chamber, which increases the cleaning of the ash, improves the combustion process and relieves servicing.
- Ability to burn wood pellets with a diameter of 6-8 mm and low quality (high ash content), which is not possible with burners with air cleaning and / or compressed air.
- Completely compatible with automatic control of a wide range of solid fuel boilers. Suitable for installation of furnaces for bakery products.
- They have an intuitive LCD display for easy operation with a light indication of the active functions with a menu in Bulgarian;
- Precision modulation of heat output.
- The components of the burner are manufactured by well known and proved European companies from Germany, United Kingdom and others.
- High quality ignition element manufactured in Japan, that ensures over 37 000 ignitions.
- The combustion chamber is produced by special heat resistance steel, which ensures long service life.
- Manual test of all functions.
- Indication of the hot water temperature in the boiler.
- Photosensor for accurately detection and monitoring of the flame intensity.
- Automatic start after voltage drop - preserving last settings.
- Password protected access levels - for the service technician and manufacturer.
- Ability to operate with a room thermostat.
- Possibility to control exhaust gas fan, which eliminates the problem with the draught into the chimney and guaranties the safety operation of the product.
- Special measures to increase the reliability and safety of the burner.
- A flexible pipe is made of a special plastic material to connect the burner to the auger which melts when there is a danger of back fire and do not supply fuel to the burner - in this case, the fuel is discharged outside from the danger zone.
- The standard equipment includes fuel transport auger for pellets.
- Control the burner via GSM module (optional) by sending SMS commands - ability to stop, start and view its current state.



Code	Model	Heating output adjustment range (kW)	Nominal heating output (kW)	Power consumption rate at ignition (A)	Electrical capacity + at ignition (W)	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)
2506450322	Bisolid GP 25 R tsc	8-25	25	5.0	<100 <sup>500</sup>	21.3	620	243	283
2506450316	Bisolid GP 35 R tsc	10-35	35	5.0	<100 <sup>500</sup>	21.4	620	243	283
2506450319	Bisolid GP 45 R tsc	15-45	45	5.0	<100 <sup>500</sup>	25.5	675	243	283
2506450320	Bisolid GP 60 R tsc	20-60	60	5.0	<100 <sup>500</sup>	27.5	709	243	283

+ at ignition