



1. Cast iron burner with stable horizontal fuel supply for steady combustion with automatic cleaning cycles.
2. Digital controller with readable screen and Greek menu, which achieves the operation and settings of the boiler. The smart menu allows you to manually or automatically select the intensity of combustion with compensation, automatic programming of switching on or off with a schedule, selecting the desired water temperature, selecting the combustion program depending on the type of fuel, entering the technician menu for control and configuration of parameters. The controller is fully upgradeable manually via internet.
3. Electronically adjustable gas fan with speed sensor (hall sensor) to properly adjust the intensity of combustion and the boost of the exhaust gases to the chimney.
4. Pellets container with a large capacity of 86kg with the possibility of connection to an external fuel supply silo.
5. Airtight boiler door with internal mineral insulation and ceramic fire inspection glass.
6. Electrical resistance of direct low consumption, for automatic pellet ignition.
7. Double screw protection system and flame protection valve in the fuel tank (BPS Backburn Protection System).
8. Power supply system motor with cooling fan and safety protection against malfunction.
9. Pre-assembled hydraulic installation with built-in circulator, expansion tank, safety valve (compact), hot water production system through plate heat exchanger and automatic three-way valve with flow sensor (compact HW).
10. Vertical tubes with built-in turbulators, which slow down the exhaust and increase the efficiency of the boiler. Simultaneously with the use of a lever, the turbulators are cleaned of the dust that adheres.
11. Water chamber made of 5mm heavy-duty steel sheet robotically welded with a large capacity of 75Lt with decelerators that increase the water path in the boiler by maximizing heat exchange.
12. Outdoor boiler covers painted with electrostatic paint with high corrosion resistance.
13. Metal lid with suspension for filling the tank with pellet.
14. Wireless modem system with GSM card for remote control and diagnostics of the boiler via mobile phone. (Optional)
15. Boiler connection (RS232) port via the internet for remote control, diagnosis and configuration.
16. Adjustable feet with plastic sole for easy level adjustment.
17. Metal ash collection box