

Eco-Mini Series

Semi-Automatic Pellet Boiler



“An Affordable Pellet Boiler”

Eco-Mini Series provides high-efficiency combustion due to their vertically designed pipes and turbulators. With reliable structure and special boiler steel, guarantees you a long physical life for many years.

The compact structure of Eco Mini Series is designed extremely flexible and easy to install. Due to this feature, it can fit into the smallest basements and access through narrow gates. Such a qualified pellet boiler with these features had never been this pocket-friendly. The thing which makes Eco-Mini Series special is its dimensions. The dimensions of boilers are reduced by 30% compared to their equivalents without conceding efficiency and capacity. As the dimensions reduced, the prices reduced as well.

How is this possible? The key part is in the correct adjustment of the flame and smoke passages inside the boiler. The flames are reversed after they are generated and forced to pass through newly generated flames leading to a re-burn which is a double transition.

Eco mini models come with variety of storage tank options, up to 2.400kg capacities which are assembled on the site.



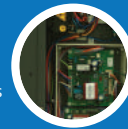
Full Automatic ECM

Features



Back Burn Control

Since Eco-Mini Series operates under negative pressure, fire back burn is prevented. In addition, safety thermostat that constantly controls the boiler water temperature prevents the boiler from reaching high temperatures.



Advanced Control System

An advanced central control system regulates the system constantly with the data provided by sensors.



Compact Burner Unit

Easily dismantlable burner unit provides service friendly maintenance as well as accessibility.



Modulated Air Fan

Eco-Mini Series boilers are equipped with high capacity, modulated flue gas vacuum fans. Precise control of the boiler at the desired capacity is provided with the infinitely variable.



Advanced Combustion System

With Eco-Mini burners, up to 92% efficiency is obtained. Ignition element is a low power unit which decreases the electric consumption and also has a longer service life.



Digital Control Panel

Digital control panel which is Europe's most preferred is used. With user friendly screen, possible to boiler start and stop at desired times.



Mechanical Turbulator Cleaning System

By using a cleaning arm which is on the side of the boiler, possible to clean tubes without opening any door. This design helps to clean easily and prevent blockage.



Automated Burner Cleaning System

Eco-Mini boiler's burner has a unique and patented cleaning system that effectively cleans the combustion chamber and discharges all the ashes periodically.



Pellet Silo Variations

Different sizes of fuel silos designed for different boiler capacities. Silos are sent disassembled for ease of transportation and easily installed. Silos offer installation possibility on both sides.