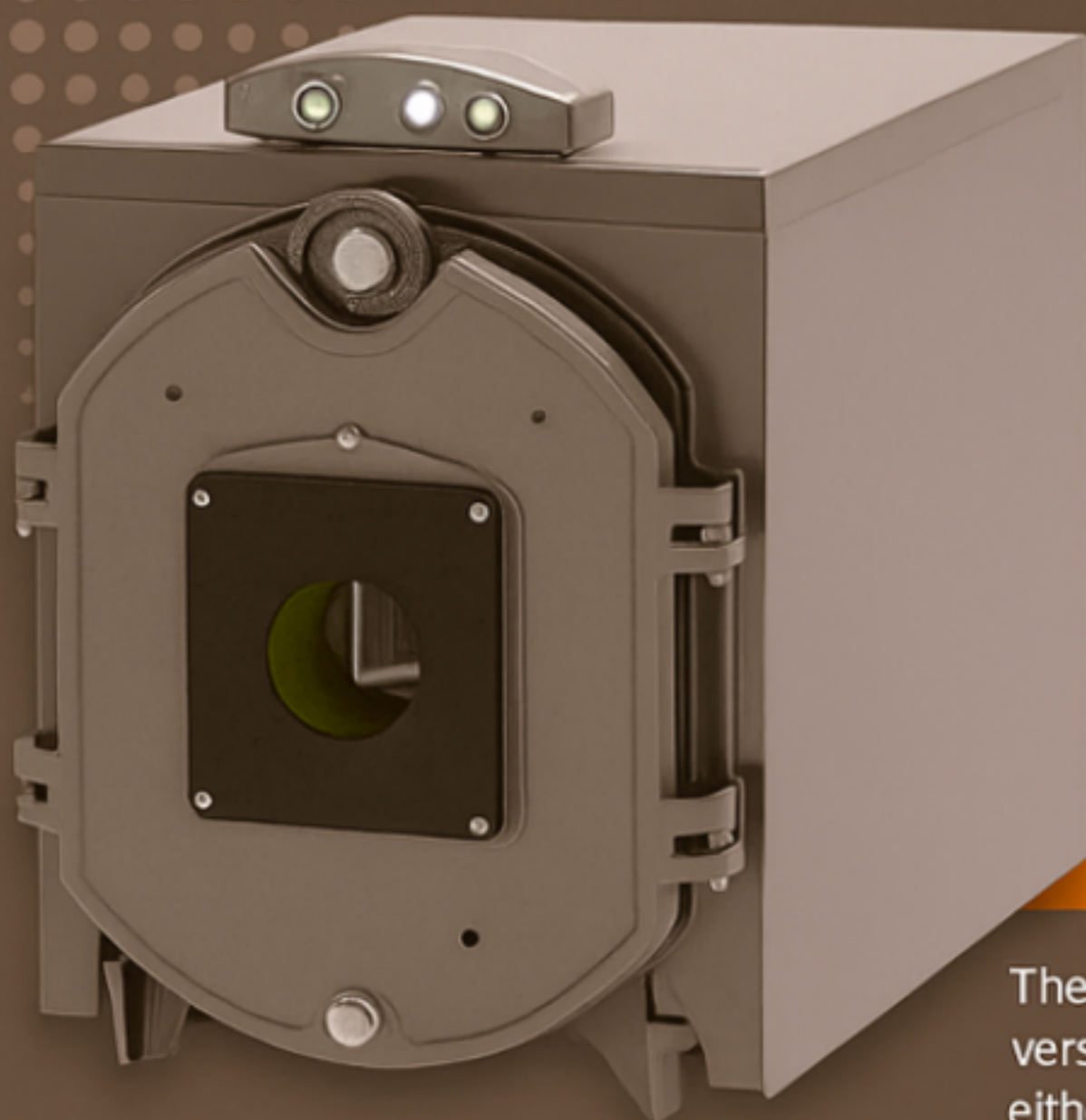


**Applicable
for skyscrapers
till 20 storey
(Height 60 meters)**

**Cast Iron
Boilers**

SQ



Introducing the SQ Cast Iron Boilers

The SQ model of cast iron boilers is versatile, capable of operating with either gas or petrol fuel burners. This model is available in five sizes, offering from 484 to 781 kW of maximum heat output.

Key Features

Special Design: The unique design facilitates cooling of flue combustion
Special Design chamber

Special Design

- Optimal working
- Ideal combustion
- Reduced noise
- High operational efficiency



SQ

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- High Quality
- High Efficiency
- Low Emissions CO-NOx
- Three pass sectional boilers
- GG 20 corrosion resistant cast iron
- Test pressure 10 bar
- Operating pressure 6 bar

Front Panel

Burner Plate and View Hatch:

These components are designed to meet specific requirements and are installed on the front panel.

Dual-Direction Door:

The front panel doubles as a door that can be opened in two different directions based on need.

It is fully insulated to ensure proper heat transition and to prevent the infiltration of combustion gases into the central heating system installation area.

Carbon Accumulation Chamber

Isolated Chamber:

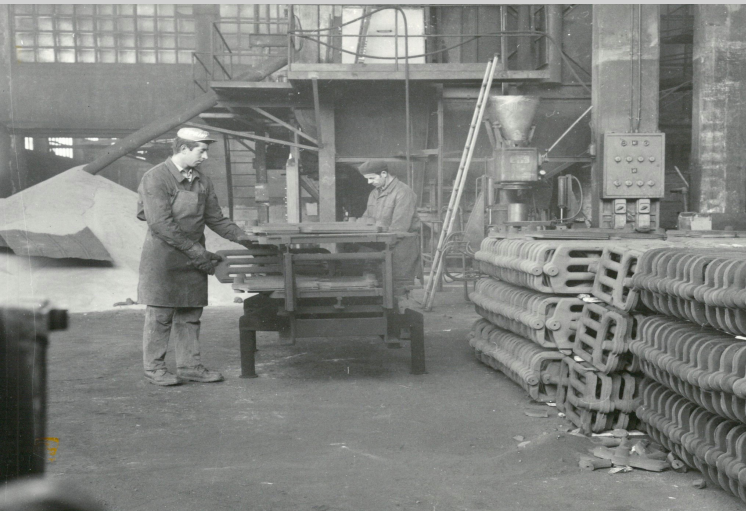
A dedicated chamber at the boiler's end section collects smoke and gases generated by combustion.

This chamber is completely isolated to prevent environmental air pollution.

Control Panel

Comprehensive Control: The control panel efficiently regulates boiler operation for high output and includes:

- Thermo-Manometer: Displays water pressure and temperature within the boiler.
- Adjustable Thermostat: Allows setting the desired temperature.
- Limit Thermostat: Provides safety by securing the boiler if the adjustable thermostat fails.
- Signal Lamp: Indicates the functioning of the limit thermostat.
- Elementary Control Circuits: Ensures the safety of the boiler system.



Technical Data - SQ Boilers

Model	Heat Input (kW)	Heat Output (kW)	Water Content (l)	Gas Resistance (mbar)	Length (mm)	Diameter (mm)	Weight (kg)
SQ 11	532	484	215	3.0	1358	250	1210
SQ 12	595	541	233	3.6	1469	250	1305
SQ 13	659	599	251	4.0	1580	250	1400
SQ 14	721	649	269	4.6	1691	250	1495
SQ 15	781	703	287	5.2	1802	250	1590



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DUEDI S.r.l

Headquarters: Via Piave, 14 - 12011 Borgo San Dalmazzo (CN)
Tel. + 39 0171 687816 - Fax + 39 0171 857008 -
info@bongioanniclima.it www.bongioanniclima.it