



WORLD'S SMALLEST COMBI BOILER*

Minerwa 25



GERMAN
DESIGN
AWARD
WINNER
2021



red dot award
2019 winner



DESIGN
AWARD
2018



DESIGN
TURKEY

* In its class

M³

Only
0,058

WORLD'S SMALLEST COMBI BOILER

STYLISH DESIGN WITH ELEGANT CORNER LINES AND DIFFERENT COLOR OPTIONS.

PROVIDES DECORATIVE FLEXIBILITY IN MODERN LIVING AREAS.

EASY INSTALLATION IN NARROW SPACES WITH COMPACT DIMENSIONS.

26

kg.



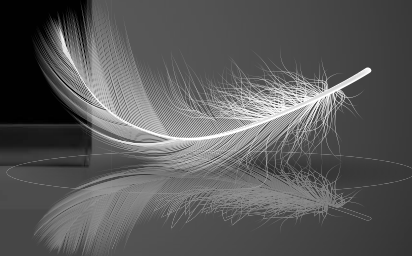
CH

25 kW



DHW

31 kW



WORLD'S LIGHTEST COMBI BOILER

WITH THE SPECIALLY DESIGNED COMPONENTS THAT ARE BEST IN ITS CLASS, MINERWA PROVIDES THE HIGHEST HEATING POWER AT ITS DIMENSIONS AND WEIGHT.

SZUTEST approved for compliance to European standards.



EASY TO USE

POLYMER GLASS SURFACE TOUCH PANEL

OFFERS A MODERN AND STYLISH DESIGN WITH THE IMPACT RESISTANT AND EASY TO CLEAN POLYMER GLASS SURFACE, ORANGE LIT WIDE DISPLAY, AND EASY TO USE CONTROL PANEL.

WIDE LIT SCREEN DISPLAYS CENTRAL HEATING AND DOMESTIC HOT WATER TEMPERATURES, POWER MODULATION WITH FLAME SYMBOL AND SYSTEM PRESSURE.

DIFFERENT COLOR OPTIONS

OFFERS A STYLISH DESIGN WITH DIFFERENT COLOR OPTIONS.



INTERNATIONAL DESIGN AWARDED COMBI BOILER



The iF DESIGN AWARD, which has been the symbol of Design Excellence in the international arena since 1953, is evaluated by a panel of more than sixty well-known experts.



Awarded by Design Zentrum Nordrhein Westfalen in Essen, Germany, it is the world's most prestigious international product design and communication design award.



The German Design Award is one of the most prestigious awards handed out since 1969 by the German Council for Industrial Design to support the culture of industry, production and design.



Design Turkey, which is also supported by International Council of Societies of Industrial Design (ICSID), is one of Turkey's biggest prize organizations since 2008 within the Turquality program.

DISTINCTIVE FEATURES



A Class High Efficiency With Gas Adaptive Control (GAC)

With its electronic GAC feature, it instantly detects the combustion quality and always provides the ideal air-gas mixture, providing gas savings with an efficiency of up to 97.5%.



High Savings With 1/10 Modulation

With its wide modulation range of 1/10, it can reduce its power down to only 3 kW, thus, it adjusts its capacity according to your energy demand and saves both on gas and electricity.



Hot Water Comfort in Double Taps (15 l / min)

With its high domestic hot water capacity (Up to 15 liters per minute at Δt : 30 C), it allows you to benefit from the double tap simultaneously.



Long Life With Stainless Steel Heat Exchangers

It has a long service life with wide-channel, seamless, single-coil stainless steel main heat exchanger and stainless steel plate heat exchanger.



Superior Hot Water Comfort With Water Comfort Technology

Turbine sensor technology monitors the hot water flow instantaneously, therefore, hot water comfort is always kept constant even in variable and low water flow rates.



Corrosion Resistant Solid Brass Hydroblock

Hydroblock composed of durable brass and composite components is resistant to thermal tensions and corrosion, thus, offers long years of service.



Always Ready Hot Water With Pre-Heat Feature

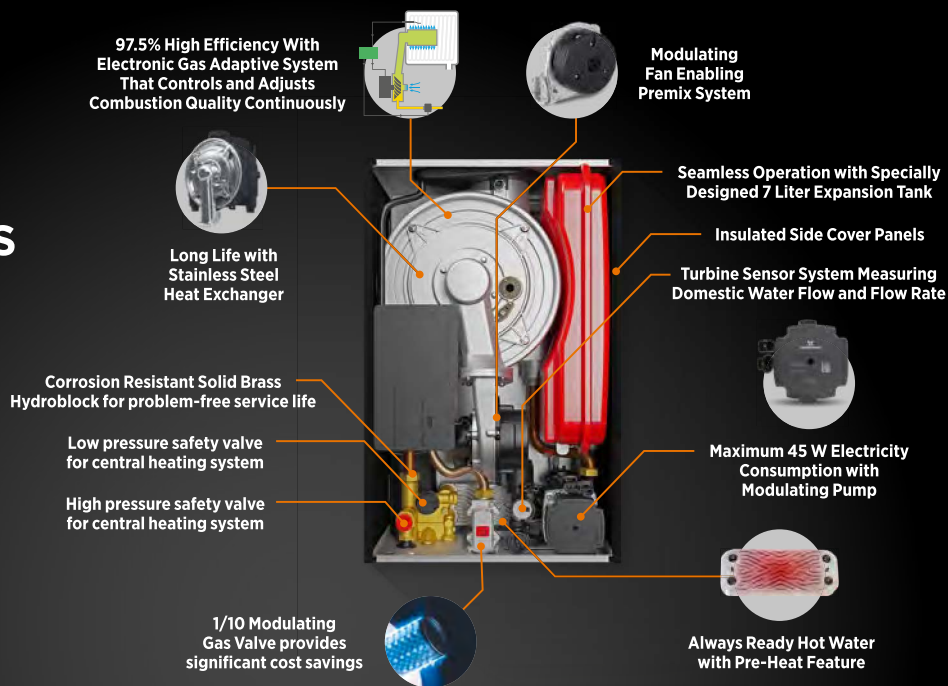
With active pre-heat feature of the boiler, the hot water is constantly kept ready in the plate heat exchanger and keeps the domestic hot water waiting time at minimum.



In the Lowest NOx Class According to the ErP Directives

It reduces NOx emissions to 25/27 mg/kWh even below the best class 6 (56 mg/kWh) values for environmentally harmful NOx emissions determined as an annex of the ErP Directive.

EXCLUSIVE COMPONENTS



TECHNICAL DATA

	UNIT	Minerwa 25			
		G20 (20)	G25 (25)	G30 (30)	G31 (37)
Gas Circuit (Gas Type / Supply Pressure)	(mbar)	G20 (20)	G25 (25)	G30 (30)	G31 (37)
Gas Consumption at Minimum / Maximum	m ³ /h	0.37 / 2.38	0.43 / 2.85	0.107 / 0.728	0.11 / 0.92
Efficiency		G20	G25	G30	G31
Useful efficiency at rated heat output and high temperature regime(2) (η _h) %	%	87.6	86.8	89.7	87.7
Useful efficiency at 30% of rated heat output and low temperature regime(1) (η _l) %	%	97.5	97.5	96.6	97.7
Seasonal space heating energy efficiency	%	92 (Class A)			
Radiator Circuit		G20	G25	G30	G31
Maximum/Minimum Heat Output P_n (80/60 °C)	kW	23.7 / 3	23.7 / 3	23.6 / 3.2	23.7 / 2.5
Maximum Heat Output P _n (50/30 °C)	kW	25	25	24.33	25
Temperature selection range (min+max) High / Low	°C	25 ÷ 80 / 25 ÷ 47			
Operating Pressure (Minimum/Maximum)	bar	0.5 / 3			
Expansion tank useful volume	bar	7			
Max. Pump Flow Rate	l/h	2500			
Domestic Hot Water Circuit Max./Min. Heat Input		31.2 / 3.5			
Max. Domestic Hot Water flow rate (Δt: 30 °C / Δt: 35 °C)	l/min.	15 / 13			
Minimum / Maximum water pressure	bar	0.5 / 10			
Temperature adjustment range	°C	35 - 60			
Electricity Consumption (Max./Min.) [230 V ±%10; -%15]	Watt	95 / 55			
Exhaust Gas Circuit		G20	G25	G30	G31
(50/30 °C) Exhaust gas temperature (Min. / Max.)	°C	49 / 51	48 / 49	43 / 57	47 / 51
Weighted value of Nox (Class 6)	mg/kWh	20	19	42	31
General		Protection Index: IPX5D		Sound Level: 55 dB (A)	
Dimensions (H x W x D)	mm	595 x 379 x 260			
Net / Packed Device Weight	kg	26 / 29			

WI-FI SMART ROOM THERMOSTAT SET

RecoWa



SMART HEATING AT YOUR FINGERTIPS

Remote Control

Control your boiler from anywhere with mobile application

Energy-Savings

Change temperature settings instantly to modulate energy consumption as demanded and provide high savings to your pocket

Smart Room Thermostat

Wireless, easy to use with illuminated large LCD screen and simple design

Comfort Life

Comfort that suits your lifestyle with its programming feature that allows you to adjust the temperature at any time of each single day in a week

INCREASE EFFICIENCY WITH WARMHAUS RECOWA AND EXTERNAL WEATHER TEMPERATURE SENSOR

Minerwa, which is class A energy efficient according to ErP Directive, provides high savings when used with RecoWa and Warmhaus External Weather Temperature Sensor.



**Minerwa 25
Combi Boiler**

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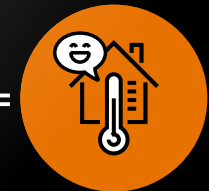
**RecoWa Smart
Room Thermostat**

+



**External Weather
Temperature Sensor**

=



**Heating Control
with Maximum**