



# WORLD'S SMALLEST COMBI BOILER\*

Minerwa 25



\* In its class



M<sup>3</sup>

Only  
**0,058**

# WORLD'S SMALLEST COMBI BOILER

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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.



# WORLD'S LIGHTEST COMBI BOILER

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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

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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.



red dot award  
2019 winner

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



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 System

With its Electronic Gas Adaptive System and Full Premix feature, it detects the gas quality instantaneously and keeps the combustion quality constant. It provides up to 108% efficiency and savings by using all the energy of the gas.



## 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  $\Delta t$ : 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

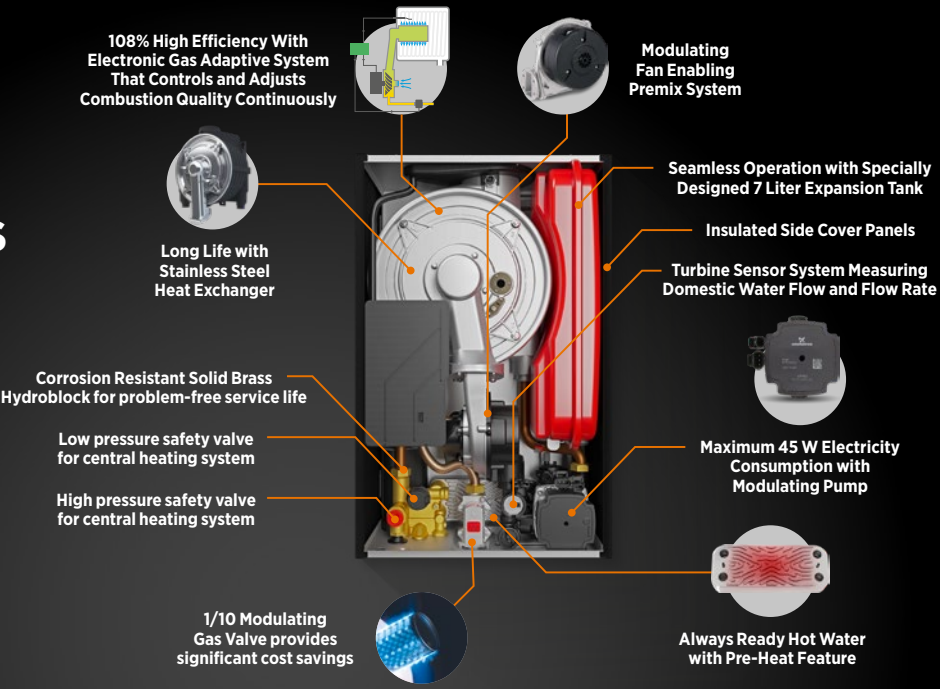
With active pre-heat feature of the boiler, the hot water is constantly kept ready in the plate heat exchanger and keeps the domestic hot water waiting time at minimum.



## Full Safety

Thanks to its 23 different safety systems, Minerwa keeps you and your loved ones; warm and safe.

# EXCLUSIVE COMPONENTS



## TECHNICAL DATA

	UNIT	Minerwa 25			
Gas Circuit (Gas Type / Supply Pressure)	(mbar)	G20 (20)	G25 (25)	G30 (30)	G31 (37)
Gas Consumption at Minimum / Maximum	m³/h	0,37 / 2,38	0,43 / 2,85	0,107 / 0,728	0,11 / 0,92
Efficiency		G20	G25	G30	G31
(50/30 °C) Efficiency at Maximum Heat Output	%	105,11	105,34	101,95	103,63
Efficiency at 30% load at 36/30 °C	%	108,29	108,38	104,28	108,29
Seasonal space heating energy efficiency	%	92 (Class A)			
Radiator Circuit		G20	G25	G30	G31
Maximum/Minimum Heat Output Pn (80/60 oC)	kW	23,7 / 3	23,7 / 3	23,6 / 3,2	23,7 / 2,5
Maximum Heat Output Pn (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	kW	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



## 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**

+



**RecoWa Smart  
Room Thermostat**

+



**External Weather  
Temperature Sensor**

=



**Heating Control  
with Maximum**