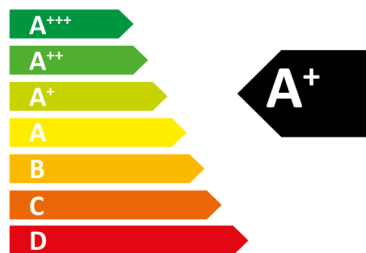




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## FLOOR-STANDING CONDENSING GAS BOILERS

WITH INTEGRATED HOT WATER TANK

# ECOCONDENS SOLID PLUS

### combi boilers

ECOCONDENS SOLID PLUS 20  
ECOCONDENS SOLID PLUS 25  
ECOCONDENS SOLID PLUS 35



**MOBILE APP  
COMFORT  
SYSTEM**

- Energy saving
- Convenience
- Full remote control of the heating system
- Controllable from anywhere in the world



**MOBILE APP  
SERVICE  
SYSTEM**

- Remote monitoring of the device
- Quick device configuration via mobile/tablet
- Full device diagnostics

# ECOCONDENS SOLID PLUS

ECOCONDENS SOLID PLUS is a modern, floor-standing condensing boiler with an integrated 107-litre storage tank. Complete heating unit in compact casing; reliable in preparation of hot water thanks to a very efficient storage tank.

## TECHNICAL FEATURES

### 1 Complete heating system in one unit

- tank housing and coil made of INOX stainless steel
- modern burner provide wide range of modulation: 12%-100%
- modern heat exchanger made of stainless steel ensures constant water flow over a long lifecycle
- modulating pump with PWM signal (EEI≤0,23) with automatic air vent
- electronically controlled modulating fan
- **OPEN-THERM system available**
- **0-10V system available**
- **LIN (Local Interconnect Network)** with mobile applications for service (Service Version) and for end-user (Comfort Version)

### 2 Energy savings

- seasonal space heating energy efficiency class - A or A+ \*)
  - seasonal energy efficiency class for d.h.w. system - A
- \*) with room temperature regulator class 6

### 3 Comfortable in use



- hot water is immediately available after turning on the tap
- high heat output of the tank coil provides instantaneous water heating in the storage tank
- anti-legionella function (automatic/manual)
- weather regulation available
- modern control panel with electronic display
- very quiet operation
- protection class IPX4D

### 4 Environmental protection

- low level of gas consumption
- low level of NOx emission (NOx-6 class)
- high efficiency (~109%)

### 5 Easy device operation (service version)

- support of service with mobile application
- reading service parameters on smartphone or tablet
- rapid diagnostic of device

PARAMETERS		20	25	35
<b>C.H. CIRCUIT</b>				
Seasonal space heating energy efficiency class		<b>A</b>		
Rated heat output	$P_{rated}$ kW	20	24	35
Seasonal space heating energy	$\eta_s$ %	93	93	94
Annual energy consumption	$Q_{HE}$ GJ	40,8	48,4	68,9
Boiler thermal power at 50/30°C	kW	3,0-22,0	4,3-26,5	4,5-38,2
Max water pressure in C.H. circuit	bar	3		
Boiler efficiency at partial load and return water temperature 30°C	%	~109		
Capacity of C.H. expansion vessel	l	8		
<b>D.H.W. CIRCUIT</b>				
Seasonal energy efficiency class for d.h.w. system		<b>A</b>		
Declared load profile		L	XL	XL
Water heating energy efficiency	$\eta_{wh}$ %	75	81	81
Boiler thermal power at 80/60°C	kW	2,7-25,0	3,9-30,0	4,1-30,0
Flow of domestic water for $\Delta t=30^\circ\text{C}$	dm <sup>3</sup> /min	12,4	13,1	13,1
Coil power	kW	30		
Tank capacity	dm <sup>3</sup>	107		
Capacity of D.H.W. expansion vessel	l	8		
Max water pressure in D.H.W. circuit	bar	6		
<b>HYDRAULIC AND ELECTRIC PARAMETERS, ENVIROMENTAL PROTECTION, DIMENSIONS</b>				
Annual fuel consumption	$AFC$ GJ	13	20	19
Sound power level	$L_{wa}$ dB	44	46	50
Dimensions	mm	1869x520x490		
Chimney connection	mm	concentric Ø80/Ø125, Ø60/Ø100 or 2 single Ø80 by using TWIN adapter		
Voltage	V	~230		
Net weight	kg	94	96	98

## REMOTE CONTROLLERS - 6TH ENERGY EFFICIENCY CLASS \*)

**WEEKLY PROGRAMMABLE**  
wireless smart system



**System Comfort**

**WEEKLY PROGRAMMABLE**  
room temperature regulator  
OPEN-THERM



**termet ST-2801 Wi-Fi**  
**termet ST-2801**

**WEEKLY PROGRAMMABLE**  
room temperature regulator



**Easy Remote**