

Warmth of nature

termet®



CASCADE
SYSTEMS



INOX

HEAT
EXCHANGER



OPEN
THERM

OPEN-THERM
CONTROL



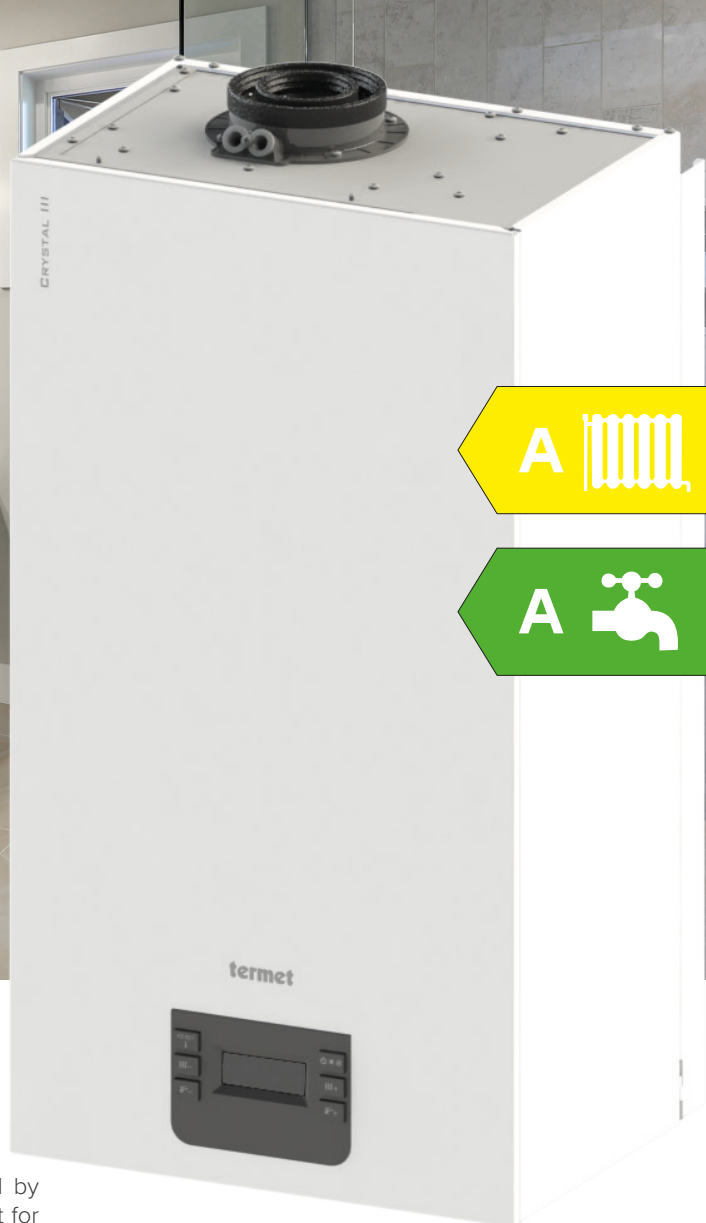
Termet heat academy

Wall mounted gas condensing boilers

CRYSTAL III

The modern CRYSTAL III condensing boiler is characterized by quiet operation and a compact design, which makes it perfect for various conditions. This economical and extremely ecological solution is suitable for both new buildings and modernized heating installations. Choosing a condensing boiler is a guarantee of thermal comfort, savings and reliability for many years.

boiler available in the offer
from **Q2 2025**



A

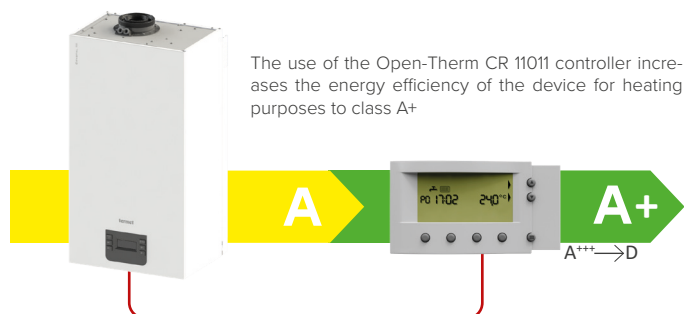


A+++
↑
D

A



A+
↑
F



The use of the Open-Therm CR 11011 controller increases the energy efficiency of the device for heating purposes to class A+



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TECHNICAL FEATURES

1 HEAT EXCHANGER

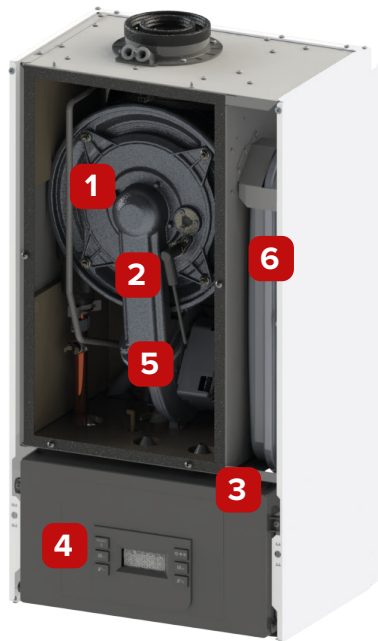
- made of durable and strong stainless steel
- resistant to corrosion and condensate, which guarantees its long service life
- high resistance to temperatures and changing working conditions minimizes the risk of damage

2 BURNER

- cylindrical design ensures optimal mixing of gas with air, which increases the efficiency of the combustion process
- wide range of power modulation allows to adjust the boiler operation to the actual heat demand
- low NO_x emission makes the boiler a very ecological solution

3 PUMP

- high-efficiency modulating pump controlled via PWM signal (EEI≤0,23) with automatic airvent



4 CONTROL PANEL

- modern control panel with LCD display and full self-diagnostics
- intuitive interface enabling quick and convenient setting of boiler operating parameters
- Open-Therm communication system

5 FAN

- energy saving thanks to the modulated electronically controlled fan which enables automatic adjustment of the fan speed to the heat demand

6 EXPANSION VESSEL

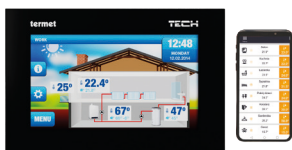
- capacity 8 liters
- placed on the side of the boiler, which provides easy access immediately after removing the cover
- compensates for changes in the water volume in the heating system, preventing sudden pressure surges

TECHNICAL DATA CRYSTAL III

		SYSTEM BOILERS			COMBI BOILERS			
TECHNICAL FEATURES		20	25	35	20/20	20/25	25/30	35/40
	CH circuit							
	Seasonal space heating energy efficiency class	A	A	A	A	A	A	A
	Heat output	20	25	35	20	20	25	35
	Seasonal space heating energy efficiency [η_s]	94 %	94 %	94 %	94 %	94 %	94 %	94 %
	Heat output (at temp. 50/30°C)	3,8-21,0 kW	4,8-26,1 kW	5,5-38,0 kW	3,8-21,0 kW	3,8-21,0 kW	4,8-26,5 kW	5,5-38,0 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	108 %	108 %	108 %	108 %	108 %	108 %	108 %
	Max. water pressure	3 bar	3 bar	3 bar	3 bar	3 bar	3 bar	3 bar
	Expansion vessel capacity	8 dm ³	8 dm ³	8 dm ³	8 dm ³	8 dm ³	8 dm ³	8 dm ³
	DHW circuit							
	Water heating energy efficiency class	-	-	-	A	A	A	A
	Declared load profile	-	-	-	L	L	L	XL
	Heat output (at temp. 80/60°C)	-	-	-	3,4-19,1 kW	3,4-24,1 kW	4,4-30,0 kW	5,5-39,2 kW
	Water flow at $\Delta t=30^\circ\text{C}$	-	-	-	9 dm ³ /min	12 dm ³ /min	14,0 dm ³ /min	19,0 dm ³ /min
	Annual fuel consumption (AFC)	-	-	-	11,4 GJ	13 GJ	11,9 GJ	17,4 GJ
	Sound power level L_{wa}	47,4 dB	48,9 dB	50,8 dB	47,4 dB	47,4 dB	48,9 dB	50,8 dB
	Emission of NO _x	32,3 mg/kWh	35,9 mg/kWh	39,7 mg/kWh	32,3 mg/kWh	32,3 mg/kWh	35,9 mg/kWh	39,7 mg/kWh
Chimney duct connection		Coaxial Ø80/Ø125 mm, Ø60/Ø100 mm or two separate Ø80 mm						
Power supply		~ 230 ±10% / 50Hz						
Height x width x depth		775 x 400 x 310 mm						
Weight		32,0 kg	34,0 kg	37,0 kg	33,0 kg	33,0 kg	35,0 kg	40,0 kg

ROOM TEMPERATURE CONTROLLERS AND OUTDOOR TEMPERATURE SENSOR

Termet ST-2801 Wi-Fi controller with Open-Therm communication
enabling heating control via the Internet



Controller with Open-Therm communication
CR11011



Regulator:
• Termet ST-292 V2 wireless
• Termet ST-292 V3 wire



Outside temperature sensor
wired, enables weather regulation



termet®

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