



Number	KIP-17363/E	Replaces	KIP-16911/E
Issue date	21-06-2023	Contract number	I 7000
Report number	140700134/14	Scope	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476CQ0134	Module	B (Type testing)

EC TYPE-EXAMINATION CERTIFICATE (BED/R813)

Kiwa Cermet Italia, notified body for council Directive 92/42/EC, hereby declares that the Central heating condensing boilers, type(s):

**35 Tech ACS, 35 Tech, 35 Tech Export, AY 35,
AY 50, 55.1 Tech, 55.1 Tech Export,
75.1 Tech,
AY 100, 100.2 Tech, 100.2 Tech Export**

Manufacturer

ROBUR S.p.A.

Via Parigi 4/6

24040 Verdellino/Zingonia (BG) - Italy

meet the requirements regarding useful efficiencies according to **article 4 of commission regulation (EU) No. 813/2013** and as described in the **Directive 92/42/EEC on efficiency requirements**.

Reference standard: EN 15502-1:2021, EN 15502-2-1:2012+A1:2016

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

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Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements



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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name: **ROBUR**

Specifications:

Models	35 Tech ACS	35 Tech, 35 Tech Export, AY 35	
Condensing boiler?	yes		
Range rated?	yes		
Low-temperature boiler?	no		
B1 boiler?	no		
Combination heater?	Yes	No	
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	33,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	88,3	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	97,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	98,0	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	108,6	%

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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name: **ROBUR**

Specifications:

Models		55.1 Tech, 55.1 Tech Export, AY 50	
Condensing boiler?		yes	
Range rated?		yes	
Low-temperature boiler?		no	
B1 boiler?		no	
Combination heater?		no	
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	49,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	88,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,0	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,9	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	108,8	%

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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name: **ROBUR**

Specifications:

Models		75.1 Tech	
Condensing boiler?		yes	
Range rated?		yes	
Low-temperature boiler?		no	
B1 boiler?		no	
Combination heater?		no	
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	72,8	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	87,6	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	96,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,3	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	107,5	%

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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name: **ROBUR**

Specifications:

Models		100.2 Tech, 100.2 Tech Export, AY 100	
Condensing boiler?		yes	
Range rated?		yes	
Low-temperature boiler?		no	
B1 boiler?		no	
Combination heater?		no	
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	98,4	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	n.t.	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	88,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,0	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,9	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	108,8	%

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Note:

- No (1) The boiler can be connected to an external tank for the domestic hot water production.
- (*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.
- (**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).
- (GCV) Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar).
- (NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

The validity of this certificate can be verified on request at the following e-mail address: info@kiwacermet.it
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