



Number	20BE0014/00	Replaces	--
Issue date	24-04-2020	Contract number	E8090
Report number	181200910	Module	B (Type testing)
PIN	0063CU3910	Scope	Art. 4 of No. 813/2013 (2-8-2013) and/or 92/42/EEC (21-05-1992)

## EC TYPE EXAMINATION CERTIFICATE (BED/R813)

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

**VC 20CS/1-7 (N-PL) ecoTEC exclusive,  
VC 25CS/1-7 (N-PL) ecoTEC exclusive,  
VCW 36CF/1-7 (N-PL) ecoTEC exclusive**

Manufacturer

**Vaillant GmbH  
Remscheid, Germany**

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

Reference standard: EN 15502-1:2012+A1:2015

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

CERTIFICATE

Ron Scheepers  
Kiwa



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## APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

### Vaillant

Specifications:

Model(s):

VC 20CS/1-7 (N-PL) ecoTEC exclusive

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	yes

	Symbol	Value	Unit
<b>Useful heat output</b>			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	19,9	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	6,6	kW
<b>Useful efficiencies</b>			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,7	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,1	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)



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## APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

### Vaillant

Specifications:

Model(s):

VC 25CS/1-7 (N-PL) ecoTEC exclusive

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	yes

	Symbol	Value	Unit
<b>Useful heat output</b>			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	24,8	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	8,3	kW
<b>Useful efficiencies</b>			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,1	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)



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## APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

### Vaillant

Specifications:

Model(s):

VCW 36CF/1-7 (N-PL) ecoTEC exclusive

Condensing boiler:	yes
Range rated:	yes
Low-temperature (**) boiler:	yes
B1 boiler:	no
Combination heater:	yes

	Symbol	Value	Unit
<b>Useful heat output</b>			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	25,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	8,4	kW
<b>Useful efficiencies</b>			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,3	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,6	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)