



Number	20BE0047/01	Replaces	20BE0047/00
Issue date	01-10-2020	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):

**VM 20CS/1-5 (N-IT) ecoTEC plus, VM 25CS/1-5 (N-IT) ecoTEC plus,
VM 30CS/1-5 (N-IT) ecoTEC plus, VM 35CS/1-5 (N-IT) ecoTEC plus,
VM 35CS/1-7 (N-IT) ecoTEC exclusive,
VM 35CS/1-7 CI (N-IT) ecoTEC exclusive,
VMI 26CS/1-5 (N-IT) ecoTEC plus, VMI 30CS/1-5 (N-IT) ecoTEC plus,
VMI 35CS/1-5 (N-IT) ecoTEC plus, VMW 26CS/1-5 (N-IT) ecoTEC plus,
VMW 26CS/1-5 Cfl (N-IT) ecoTEC plus,
VMW 30CS/1-5 (N-IT) ecoTEC plus,
VMW 30CS/1-5 Cfl (N-IT) ecoTEC plus,
VMW 35CF/1-7 (N-IT) ecoTEC exclusive,
VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive,
VMW 35CS/1-5 (N-IT) ecoTEC plus, VMW 35CS/1-5 Cfl (N-IT) ecoTEC plus**

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 and 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.

Ron Scheepers
Kiwa



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:

Model(s):

VM 35CS/1-7 CI (N-IT) ecoTEC exclusive,

VM 35CS/1-7 (N-IT) ecoTEC exclusive

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	34.0	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	11.4	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	87.9	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	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)



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:

Model(s):

VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive,

VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	30.0	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	10.0	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	87.7	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	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)



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:
Model(s):
VM 20CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	19.7	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	6.7	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	87.6	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98.9	%

- (*) 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 GmbH

Specifications:

Model(s):

VM 25CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	24.7	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	8.3	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	87.6	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	99.0	%

(*) 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 GmbH

Specifications:

Model(s):

VMW 30CS/1-5 (N-IT) ecoTEC plus

VMW 30CS/1-5 Cfl (N-IT) ecoTEC plus

VMI 30CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	30.0	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	10.1	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	88.1	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98.6	%

(*) 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)



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:

Model(s):

VM 30CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	30.0	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	10.1	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	88.1	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98.6	%

(*) 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)



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:

Model(s):

VMW 35CS/1-5 (N-IT) ecoTEC plus

VMW 35CS/1-5 Cfl (N-IT) ecoTEC plus

VMI 35CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	34.0	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	11.4	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	87.9	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	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)



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:

Model(s):

VM 35CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	34.0	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	11.4	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	87.9	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	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)



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APPENDIX TO EC TYPE EXAMINATION CERTIFICATE (BED/R813)

Vaillant GmbH

Specifications:

Model(s):

VMW 26CS/1-5 (N-IT) ecoTEC plus

VMW 26CS/1-5 Cfl (N-IT) ecoTEC plus

VMI 26CS/1-5 (N-IT) ecoTEC plus

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	24.7	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	8.3	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	87.6	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	99.0	%

(*) 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)



Number	20GR0358/01	Replaces	20BE0046/00
Issue date	01-10-2020	Contract number	E8090
Due date	01-10-2030	Module	B (Type testing)
Report number	181200910	Scope	(EU) 2016/426 (9 March 2016)
PIN	0063CU3910		

EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the central heating boilers, type(s):

**VM 20CS/1-5 (N-IT) ecoTEC plus, VM 25CS/1-5 (N-IT) ecoTEC plus,
VM 30CS/1-5 (N-IT) ecoTEC plus, VM 35CS/1-5 (N-IT) ecoTEC plus,
VM 35CS/1-7 (N-IT) ecoTEC exclusive,
VM 35CS/1-7 CI (N-IT) ecoTEC exclusive,
VMI 26CS/1-5 (N-IT) ecoTEC plus, VMI 30CS/1-5 (N-IT) ecoTEC plus,
VMI 35CS/1-5 (N-IT) ecoTEC plus, VMW 26CS/1-5 (N-IT) ecoTEC plus,
VMW 26CS/1-5 Cfl (N-IT) ecoTEC plus,
VMW 30CS/1-5 (N-IT) ecoTEC plus,
VMW 30CS/1-5 Cfl (N-IT) ecoTEC plus,
VMW 35CF/1-7 (N-IT) ecoTEC exclusive,
VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive,
VMW 35CS/1-5 (N-IT) ecoTEC plus, VMW 35CS/1-5 Cfl (N-IT) ecoTEC plus**

Manufacturer

**Vaillant GmbH
Remscheid, Germany**

meet(s) the essential requirements as described in the
Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.

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



Number	20GR0358/01	Replaces	20GR0358/00
Issue date	01-10-2020	Contract number	E8090
Due date	01-10-2030	Module	B (Type testing)
Report number	181200910	Scope	(EU) 2016/426 (9 March 2016)
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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer:
Vaillant GmbH

Types:

Model name	Heat input	
	CH (kW - Hi)	DHW (kW - Hi)
VM 35CS/1-7 CI (N-IT) ecoTEC exclusive	3,7 (8,2) – 34,8	3,7 (8,2) – 34,8
VM 35CS/1-7 (N-IT) ecoTEC exclusive	3,7 (8,2) – 34,8	3,7 (8,2) – 34,8
VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive	3,2 – 30,6	3,2 – 32,1
VMW 35CF/1-7 (N-IT) ecoTEC exclusive	3,2 – 30,6	3,2 – 32,1
VM 20CS/1-5 (N-IT) ecoTEC plus	3,2 (5,2) – 20,4	3,2 (5,2) – 20,4
VM 25CS/1-5 (N-IT) ecoTEC plus	3,2 (5,2) – 25,5	3,2 (5,2) – 25,5
VM 30CS/1-5 (N-IT) ecoTEC plus	3,7 (8,2) – 30,6	3,7 (8,2) – 30,6
VM 35CS/1-5 (N-IT) ecoTEC plus	4,2 (8,2) – 34,8	4,2 (8,2) – 34,8
VMW 26CS/1-5 (N-IT) ecoTEC plus	3,2 (5,2) – 25,5	3,2 (5,2) – 26,5
VMW 30CS/1-5 (N-IT) ecoTEC plus	3,7 (8,2) – 30,6	3,7 (8,2) – 30,6
VMW 35CS/1-5 (N-IT) ecoTEC plus	4,2 (8,2) – 34,8	4,2 (8,2) – 34,8
VMI 26CS/1-5 (N-IT) ecoTEC plus	3,2 (5,2) – 25,5	3,2 (5,2) – 26,5
VMI 30CS/1-5 (N-IT) ecoTEC plus	3,7 (8,2) – 30,6	3,7 (8,2) – 30,6
VMI 35CS/1-5 (N-IT) ecoTEC plus	4,2 (8,2) – 34,8	4,2 (8,2) – 34,8

Values between brackets: minimal heat input on G31.

Model name	Appliance categories		Countries
VM 35CS/1-7 CI (N-IT) ecoTEC exclusive	II _{2H3P}	G20 - 20 mbar; G31 - 37 mbar	Italy
VM 35CS/1-7 (N-IT) ecoTEC exclusive			
VM 20CS/1-5 (N-IT) ecoTEC plus			
VM 25CS/1-5 (N-IT) ecoTEC plus			
VM 30CS/1-5 (N-IT) ecoTEC plus			
VM 35CS/1-5 (N-IT) ecoTEC plus			
VMW 26CS/1-5 (N-IT) ecoTEC plus			
VMW 30CS/1-5 (N-IT) ecoTEC plus			
VMW 35CS/1-5 (N-IT) ecoTEC plus			
VMI 26CS/1-5 (N-IT) ecoTEC plus			
VMI 30CS/1-5 (N-IT) ecoTEC plus			
VMI 35CS/1-5 (N-IT) ecoTEC plus			
VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive	I _{2H}	G20 - 20 mbar	Italy
VMW 35CF/1-7 (N-IT) ecoTEC exclusive			



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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Model name	Appliance types	Flue installation manuals (use latest version)	Article number back flow valve with manual
VM 35CS/1-7 CI (N-IT) ecoTEC exclusive	B _{23(P)} , B ₃₃ , B _{53(P)} , C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₈₃ , C ₉₃	0020282325	-
VM 35CS/1-7 (N-IT) ecoTEC exclusive			
VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive			
VMW 35CF/1-7 (N-IT) ecoTEC exclusive			
VM 20CS/1-5 (N-IT) ecoTEC plus	B ₂₃ , B ₃₃ , B _{53(P)} , C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₈₃ , C ₉₃	0020282325	-
VM 25CS/1-5 (N-IT) ecoTEC plus			
VM 30CS/1-5 (N-IT) ecoTEC plus			
VM 35CS/1-5 (N-IT) ecoTEC plus			
VMW 26CS/1-5 (N-IT) ecoTEC plus			
VMW 30CS/1-5 (N-IT) ecoTEC plus			
VMW 35CS/1-5 (N-IT) ecoTEC plus			
VMI 26CS/1-5 (N-IT) ecoTEC plus			
VMI 30CS/1-5 (N-IT) ecoTEC plus			
VMI 35CS/1-5 (N-IT) ecoTEC plus			

Remarks:

- VM 35CS/1-7 CI (N-IT) ecoTEC exclusive = VM 35CS/1-7 (N-IT) ecoTEC exclusive + smart controller VRC 720 + internet gateway VR921
- VMW 35CF/1-7 CI (N-IT) ecoTEC exclusive= VMW 35CF/1-7 (N-IT) ecoTEC exclusive+ smart controller VRC 720 + internet gateway VR921
- VMW 26CS/1-5 Cfl (N-IT) ecoTEC plus= VMW 26CS/1-5 (N-IT) ecoTEC plus + vSMART (0020197223)
- VMW 30CS/1-5 Cfl (N-IT) ecoTEC plus= VMW 30CS/1-5 (N-IT) ecoTEC plus + vSMART (0020197223)
- VMW 35CS/1-5 Cfl (N-IT) ecoTEC plus= VMW 35CS/1-5 (N-IT) ecoTEC plus + vSMART (0020197223)