CERTIFICATE

Number	KIP-16552/G (Rev.1)	**Replaces**	KIP-16552/G
Issue date	20-07–2020	**Contract number**	I7230
Due date	10-03-2030	**Scope**	(EU) 2016/426 (9 March 2016)
Report number	2002784/2	**Module**	B (Type testing)
PIN	0476CT2784		

EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the Boiler bodies, types:

RTQ 64, RTQ 105, RTQ 154, RTQ 203, RTQ 235, RTQ 297, RTQ 357, RTQ 418, RTQ 467, RTQ 537, RTQ 597, RTQ 715, RTQ 837, RTQ 920, RTQ 1020, RTQ 1250, RTQ 1500, RTQ 1510, RTQ 1700, RTQ 2020, RTQ 2320, RTQ 2620, RTQ 2920, RTQ 3200, RTQ 3500, RTQ 4000, RTQ 4500, RTQ 5000

Manufacturer

RIELLO S.p.A.
Via Ing. Pilade Riello, 7
37045 Legnago (VR) - Italy

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

Reference standard: EN 303-1:2017, EN 303-3:1998, EN 303-3/A2:2004, EN 303-3/AC:2006

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

Kiwa Cermet Italia S.p.A.
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Chief Operating Officer
Giampiero Belcredi

Digitally signed by:BELCREDI GIAMPIERO
Date:21/07/2020 13:58:33

PRD N° 069B

0476

Rev.2

Number	KIP-16552/G (Rev.1)	**Page**	1 of 2
Issue date	20-07–2020	**Scope**	(EU) 2016/426 (9 March 2016)
Due date	10-03-2030	**Module**	B (Type testing)
Report number	2002784/2		
PIN	0476CT2784		

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name:
RIELLO

Types:

Model name	Appliance types	Heat Input (Hi) Max – Min (kW)
RTQ 64	B_{23}, B_{23P}	70,0 – 18,5
RTQ 105		115,0 – 30,5
RTQ 154		166,0 – 115,0
RTQ 203		217,0 – 166,0
RTQ 235		255,0 – 217,0
RTQ 297		318,0 – 257,0
RTQ 357		384,0 – 348,0
RTQ 418		448,0 – 384,0
RTQ 467		500,0 – 448,0
RTQ 537		575,0 – 500,0
RTQ 597		639,0 – 575,0
RTQ 715		766,0 – 639,0
RTQ 837		896,0 – 766,0
RTQ 920		990,0 – 896,0
RTQ 1020		1100,0 – 990,0
RTQ 1250		1338,0 – 1096,0
RTQ 1500		1606,0 – 1400,0
RTQ 1510		1617,0 – 1342,0
RTQ 1700		1820,0 – 1594,0
RTQ 2020		2162,0 – 1800,0
RTQ 2320		2485,0 – 2162,0
RTQ 2620		2830,0 – 2501,0
RTQ 2920		3150,0 – 2850,0
RTQ 3200		3450,0 – 3150,0
RTQ 3500		3780,0 – 3450,0
RTQ 4000		4315,0 – 3669,0
RTQ 4500		4854,0 – 4316,0
RTQ 5000		5394,0 – 4855,0

Countries:
AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR

Number	KIP-16552/G (Rev.1)	**Page**	2 of 2
Issue date	20-07–2020	**Scope**	(EU) 2016/426 (9 March 2016)
Due date	10-03-2030	**Module**	B (Type testing)
Report number	2002784/2		
PIN	0476CT2784		

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Gas groups: N.A. (Depending on the used forced draught burner)

Remarks: --

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CERTIFICATE

Number	KIP-16552/E	**Replaces**	---
Issue date	11-03-2020	**Contract number**	I7230
Report number	2002784/2	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476CT2784	**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 Boiler bodies, types:

RTQ 64, RTQ 105, RTQ 154, RTQ 203, RTQ 235, RTQ 297, RTQ 357

Manufacturer

RIELLO S.p.A.
Via Ing. Pilade Riello, 7
37045 Legnago (VR) - 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 303-1:2017, EN 303-3:1998, EN 303-3/A2:2004, EN 303-3/AC:2006

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Chief Operating Officer
Giampiero Belcredi

Firmato digitalmente da:BELCREDI GIAMPIERO
Data:11/03/2020 16:41:51

PRD N° 069B

0476

Rev.10

Number	KIP-16552/E	**Page**	1 of 7
Issue date	11-03-2020	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
Report number	2002784/2	**Module**	B (Type testing)
PIN	0476CT2784		

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

Brand name:
RIELLO

Specifications:
Model:
RTQ 64

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	64,6	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	83,8	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	88,2	%

(*) 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)

The validity of this certificate can be verified on request at the following e-mail address: info@kiwacermet.it
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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model:
RTQ 105

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	106,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	83,7	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	89,1	%

(*) 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 EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model:
RTQ 154

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	154,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	84,9	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	82,0	%

(*) 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 EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model:
RTQ 203

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	201,6	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	85,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	82,5	%

(*) 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 EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model:
RTQ 235

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	236,9	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	85,2	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	82,8	%

(*) 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 EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:
RIELLO

Specifications:
Model:
RTQ 297

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	295,1	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	85,1	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	83,5	%

(*) 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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Issue date	11-03-2020	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
Report number	2002784/2	**Module**	B (Type testing)
PIN	0476CT2784		

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

Brand name:
RIELLO

Specifications:
Model:
RTQ 357

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	356,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	84,8	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	83,7	%

(*) 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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