



<b>Number</b>	KIP-16394/G	<b>Replaces</b>	KIP- 16154/G
<b>Issue date</b>	06-09-2019	<b>Contract number</b>	I 7230
<b>Due date</b>	05-09-2029	<b>Scope</b>	(EU) 2016/426 (9 March 2016)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

## EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the Central heating condensing boilers types:

**Start Condens 25 KIS, Start Condens 25 IS, Start Condens 29 KIS,  
Start Condens 25 MKIS, RESIDENCE N 25 KIS, RESIDENCE N 32 KIS,  
RESIDENCE N 25 IS**

Manufacturer

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

Meet 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, 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.

# CERTIFICATE

**Kiwa Cermet Italia S.p.A.**  
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**GASTEC**

**Chief Operating Officer**  
*Giampiero Belcredi*



**Number** KIP-16394/G **Page** 1 of 2  
**Issue date** 06-09-2019 **Scope** (EU) 2016/426 (9 March 2016)  
**Due date** 05-09-2029 **Module** B (Type testing)  
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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name:

**RIELLO**

Model name	Appliance types	Heat Input (Hi)	
		CH Max – Min (kW)	DHW Max – Min (kW)
RESIDENCE N 25 KIS	B <sub>23P</sub> , B <sub>53P</sub> , C <sub>13</sub> , C <sub>33</sub> , C <sub>43</sub> , C <sub>53</sub> , C <sub>63</sub> , C <sub>83</sub> , C <sub>93</sub> , C <sub>(10)</sub> , C <sub>(11)</sub> C <sub>13X</sub> , C <sub>33X</sub> , C <sub>43X</sub> , C <sub>53X</sub> , C <sub>63X</sub> , C <sub>83X</sub> , C <sub>93X</sub>	25.0 – 5.0	25.0 – 5.0
RESIDENCE N 25 IS		25.0 – 5.0	25.0 – 5.0
Start Condens 25 KIS		20.0 – 5.0	25.0 – 5.0
Start Condens 25 IS		20.0 – 5.0	25.0 – 5.0
Start Condens 25 MKIS		20.0 – 5.0	25.0 – 5.0
Start Condens 29 KIS	B <sub>23P</sub> , B <sub>53P</sub> , C <sub>13</sub> , C <sub>33</sub> , C <sub>43</sub> , C <sub>53</sub> , C <sub>63</sub> , C <sub>83</sub> , C <sub>93</sub> C <sub>13X</sub> , C <sub>33X</sub> , C <sub>43X</sub> , C <sub>53X</sub> , C <sub>63X</sub> , C <sub>83X</sub> , C <sub>93X</sub>	25.0 – 6.0	29.0 – 6.0
RESIDENCE N 32 KIS		29.0 – 6.0	31.6 – 6.0

Remarks:

The installation type C<sub>(10)</sub> and C<sub>(11)</sub> are valid only for gas families H and E.

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-16394/G **Page** 2 of 2  
**Issue date** 06-09-2019 **Scope** (EU) 2016/426 (9 March 2016)  
**Due date** 05-09-2029 **Module** B (Type testing)  
**Report number** 151000857/9  
**PIN** 0476CQ0857

## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

### Models:

RESIDENCE N 25 KIS, RESIDENCE N 25 IS

Gas groups:

Group	mbar
E	20
H	20;25
Esi	20/25

Group	mbar
Ls	13
Lw	20

Group	mbar
P	30;37;50
M	20

### Models:

Start Condens 25 KIS, Start Condens 25 IS, Start Condens 29 KIS, Start Condens 25 MKIS

Gas groups:

Group	mbar
E	20
H	20;25

Group	mbar
M	20
Esi	20/25

Group	mbar
P	30;37;50

### Model:

RESIDENCE N 32 KIS

Gas groups:

Group	mbar
E	20
H	20;25

Group	mbar
Esi	20/25

Group	mbar
P	30;37;50

The above gas groups can be combined according to the standard EN437:2018 and national situation of countries.

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<b>Number</b>	KIP-16394/E	<b>Replaces</b>	KIP-15667/E
<b>Issue date</b>	06-09-2019	<b>Contract number</b>	I 7230
<b>Report number</b>	151000857/9	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>PIN</b>	0476CQ0857	<b>Module</b>	B (Type testing)

## EC TYPE-EXAMINATION CERTIFICATE (BED/R813)

Kiwa Cermet Italia, notified body for council Directive 92/42/EC, hereby declares that the products Central heating condensing boilers, types:

**Start Condens 25 KIS, Start Condens 25 IS, Start Condens 29 KIS,  
Start Condens 25 MKIS, RESIDENCE N 25 KIS, RESIDENCE N 32 KIS,  
RESIDENCE N 25 IS**

Manufacturer

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

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 15502-1:2012+A1:2015, EN 15502-2-1:2012+A1:2016

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**GASTEC**

**Chief Operating Officer**  
*Giampiero Belcredi*



<b>Number</b>	KIP-16394/E	<b>Page</b>	1 of 6
<b>Issue date</b>	06-09-2019	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

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

Brand name:

**RIELLO**

Specifications:

**Model:**

Start Condens 29 KIS

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	24,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	--	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,6	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,8	%

(\*) 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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<b>Number</b>	KIP-16394/E	<b>Page</b>	2 of 6
<b>Issue date</b>	06-09-2019	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

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

Brand name:

**RIELLO**

Specifications:

**Models:**

Start Condens 25 KIS

Start Condens 25 MKIS

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	19,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	--	kW
Useful efficiencies			
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>	97,8	%

(\*) 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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<b>Number</b>	KIP-16394/E	<b>Page</b>	3 of 6
<b>Issue date</b>	06-09-2019	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

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

Brand name:

**RIELLO**

Specifications:

**Model:**

Start Condens 25 IS

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no <sup>(1)</sup>

<sup>(1)</sup> The boiler can be connected to an external tank for the domestic hot water production.

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	19,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	--	kW
Useful efficiencies			
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>	97,8	%

(\*) 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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<b>Number</b>	KIP-16394/E	<b>Page</b>	4 of 6
<b>Issue date</b>	06-09-2019	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

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

Brand name:

**RIELLO**

Specifications:

**Model:**

RESIDENCE N 25 IS

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no <sup>(1)</sup>

<sup>(1)</sup> The boiler can be connected to an external tank for the domestic hot water production.

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	24,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	8,1	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,0	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,2	%

(\*) 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)

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<b>Number</b>	KIP-16394/E	<b>Page</b>	5 of 6
<b>Issue date</b>	06-09-2019	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

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

Brand name:

**RIELLO**

Specifications:

**Model:**

RESIDENCE N 25 KIS

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	24,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	8,1	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,0	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,2	%

(\*) 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)

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<b>Number</b>	KIP-16394/E	<b>Page</b>	6 of 6
<b>Issue date</b>	06-09-2019	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>Report number</b>	151000857/9	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0857		

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

Brand name:

**RIELLO**

Specifications:

**Model:**

RESIDENCE N 32 KIS

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	28,1	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	9,4	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	86,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,3	%

(\*) 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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