

<b>Number</b>	KIP-07662	<b>Replaces</b>	KIP-17074/G
<b>Issue date</b>	02-08-2024	<b>Contract number</b>	7230
<b>Due date</b>	01-08-2034	<b>Scope</b>	(EU) 2016/426 (9 March 2016)
<b>Report number</b>	2005430/3	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476DM5430		

## EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the central heating condensing boiler, type(s):

**PRINCE CX 50 DEP,  
PRINCE CX 50,  
PRINCE CX 65,  
PRINCE CX 80**

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 15502-1:2021+A1:2023, EN15502-2-1:2022+A1:2023

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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**Organismo Notificato n. 0476**  
Notified Body nr. 0476

**Industry Division Manager**  
*Maurizio Lorenzon*



PRD N° 0069PRD

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

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**Issue date** 02-08-2024 **Scope** (EU) 2016/426 (9 March 2016)  
**Due date** 01-08-2034 **Module** B (Type testing)  
**Report number** 2005430/3  
**PIN** 0476DM5430

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

Brand name: **SYLBER**

Types:

Model name	Appliance types	Heat Input (Hi)	
		CH Max – Min (kW)	DHW Max – Min (kW)
PRINCE CX 50 DEP	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> ,	34.9 – 5.2	34.9 – 5.2 <sup>(1)</sup>
PRINCE CX 50	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>	45.0 – 5.2	45.0 – 5.2 <sup>(1)</sup>
PRINCE CX 65		55.0 – 8.2	55.0 – 8.2 <sup>(1)</sup>
PRINCE CX 80		70.0 – 8.2	70.0 – 8.2 <sup>(1)</sup>

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

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

Gas groups:

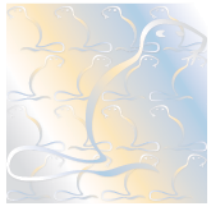
Group	mbar	Group	mbar	Group	mbar
E	20	H	20;25	P	30;37;50
EY20	20	HY20	20;25	Esi	20/25

The above gas groups can be combined according to the standard EN437:2021 and national situation of countries.

**Note:** Suffix "Y20" means that the appliances are suitable for the use of natural gas of the indicated gas group, mixed with hydrogen resulting in a gas mixture containing up to 20% of Hydrogen gas (H<sub>2</sub>) when the appliance is set for the reference gas G<sub>20</sub>.

Remarks: --

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<b>Issue date</b>	02-08-2024	<b>Contract number</b>	I 7230
<b>Report number</b>	2005430/3	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>PIN</b>	0476DM5430	<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 Central heating condensing boilers, type(s):

**PRINCE CX 50 DEP,  
PRINCE CX 50,  
PRINCE CX 65,  
PRINCE CX 80**

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 15502-1:2021+A1:2023, EN15502-2-1:2022+A1:2023

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

# CERTIFICATE

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**Organismo Notificato n. 0476**  
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**Industry Division Manager**  
*Maurizio Lorenzon*



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Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
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<b>Report number</b>	2005430/3	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476DM5430		

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

Brand name:

**SYLBER**

Specifications:

**Model:**

PRINCE CX 50 DEP

Condensing boiler:	yes
Range rated:	no
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 domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	34,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	11,3	kW
Useful efficiencies (GCV)			
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>	97,4	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,4 %	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	108,2 %	%

(\*) 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).

(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)

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

Brand name:  
**SYLBER**

Specifications:  
**Model:**  
PRINCE CX 50

Condensing boiler:	yes
Range rated:	no
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 domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	43,9	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	14,6	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,2	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,5 %	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	107,9 %	%

(\*) 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).

(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)

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

Brand name:  
**SYLBER**

Specifications:  
**Model:**  
PRINCE CX 65

Condensing boiler:	yes
Range rated:	no
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 domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	53,6	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	17,8	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	96,9	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,46 %	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	107,61 %	%

(\*) 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)

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

Brand name:  
**SYLBER**

Specifications:  
**Model:**  
PRINCE CX 80

Condensing boiler:	yes
Range rated:	no
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 domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	68,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	22,6	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	96,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,48 %	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	107,51 %	%

(\*) 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)

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