CERTIFICATE

Number	KIP-17074/G	**Replaces**	–
Issue date	22-04-2022	**Contract number**	7230
Due date	21-04-2032	**Scope**	(EU) 2016/426 (9 March 2016)
Report number	2005430/1	**Module**	B (Type testing)
PIN	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 15502-1:2012+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.

Chief Operating Officer
Giampiero Belcredi

Digitally signed by: BELCREDI GIAMPIERO
Date: 22/04/2022 15:14:02

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl
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GASTEC

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

PRD N° 069B

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

CE
0476

Rev.3

Number	KIP-17074/G	**Page**	1 of 1
Issue date	22-04-2022	**Scope**	(EU) 2016/426 (9 March 2016)
Due date	21-04-2032	**Module**	B (Type testing)
Report number	2005430/1		
PIN	0476DM5430		

APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name:
SYLBER

Types:

Model name	Appliance types	Heat Input (Hi) CH Max – Min (kW)	Heat Input (Hi) DHW Max – Min (kW)
PRINCE CX 50 DEP	B_{23P}, B_{53P}, C_{13}, C_{33}, C_{43}, C_{53}, C_{63}, C_{83}, C_{93}, C_{13X}, C_{33X}, C_{43X}, C_{53X}, C_{63X}, C_{83X}, C_{93X}	34.9 – 5.2	34.9 – 5.2 (1)
PRINCE CX 50		45.0 – 5.2	45.0 – 5.2 (1)
PRINCE CX 65		55.0 – 8.2	55.0 – 8.2 (1)
PRINCE CX 80		70.0 – 8.2	70.0 – 8.2 (1)

(1) 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
E	20

Group	mbar
H	20;25

Group	mbar
P	30;37;50

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

Remarks: --

CERTIFICATE

Number	KIP-17074/E	**Replaces**	–
Issue date	22-04-2022	**Contract number**	7230
Report number	2005430/1	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476DM5430	**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 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 15502-1:2012+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.

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

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Date: 22/04/2022 15:12:49

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

PRD N° 069B

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

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GASTEC

Rev.11

Number	KIP-17074/E	**Page**	1 of 4
Issue date	22-04-2022	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
Report number	2005430/1	**Module**	B (Type testing)
PIN	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(1)

(1) 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_4	34,0	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	11,3	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	97,4	%

(*) 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	KIP-17074/E	**Page**	2 of 4
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Report number	2005430/1	**Module**	B (Type testing)
PIN	0476DM5430		

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(1)

(1) 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_4	43,9	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	14,6	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	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)

Number	KIP-17074/E	**Page**	3 of 4
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Report number	2005430/1	**Module**	B (Type testing)
PIN	0476DM5430		

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(1)

(1) 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_4	53,6	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	17,8	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	96,9	%

(*) 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)

Number	KIP-17074/E	**Page**	4 of 4
Issue date	22-04-2022	**Scope**	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
Report number	2005430/1	**Module**	B (Type testing)
PIN	0476DM5430		

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(1)

(1) 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_4	68,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P_1	22,6	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η_4	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	96,8	%

(*) 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)