

Number	KIP-17572	Replaces	KIP-17403/G
Issue date	07-03-2024	Contract number	I 7230
Due date	06-03-2034	Scope	(EU) 2016/426 (9 March 2016)
Report number	2011765/3	Module	B (Type testing)
PIN	0476DN1765		

EU TYPE-EXAMINATION CERTIFICATE (GAR)

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

LINEA K 25C, LINEA K 30C, LINEA K 30R, LINEA K 35C

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, 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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all'attività di direzione e coordinamento
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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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Module

B (Type testing)

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PIN

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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name:
SYLBER

Types:

Model name	Nominal Heat Input - Qmax (Hi)	
	CH	DHW
	(kW)	(kW)
LINEA K 25C	20,0	25,0
LINEA K 30C	25,0	30,0
LINEA K 30R	30,0	34,9
LINEA K 35C	30,0	34,9

Appliance types:
B23P, B53P, C13, C33, C43, C53, C63, C83, C93
C13x, C33x, C43x, C53x, C63x, C83x, C93x
C103*

* : Installation valid only for gas groups 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

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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Gas groups:

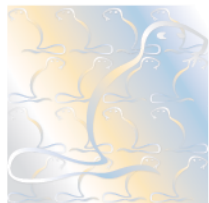
Models		LINEA K 25C, LINEA K 30C, LINEA K 30R, LINEA K 35C
Gas groups	mbar	
EY20	20	X
HY20	20;25	X
E	20	X
H	20;25	X
LL	20	X
Lw	20	X
Ls	13	X
M	20	X
P	30; 37; 50	X

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 (H₂) when the appliance is set for the reference gas G20.

Remarks: --

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Number	KIP-17573	Replaces	KIP-17403/E
Issue date	07-03-2024	Contract number	I 7230
Report number	2011765/3	Scope	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476DN1765	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):

LINEA K 25C, LINEA K 30C, LINEA K 30R, LINEA K 35C

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

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Report number	2011765/3	Module	B (Type testing)
PIN	0476DN1765		

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

Brand name:

SYLBER

Specifications:

Model(s):

LINEA K 25C

Condensing boiler:	yes
Range rated:	no
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 ₄	19,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	6,6	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η ₄	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η ₁₀₀	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η ₃₀	109,7	%

(*) 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).

(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(s):
LINEA K 30C

Condensing boiler:	yes
Range rated:	no
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 ₄	24,4	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	8,2	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η_4	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η_1	98,7	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η_{100}	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η_{30}	109,6	%

- (*) 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).
- (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(s):
LINEA K 30R

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	29,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	9,9	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η ₄	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η ₁₀₀	97,6	%
At 30 % of rated heat output and low-temperature regime (**)	η ₃₀	109,7	%

(*) 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).

(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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PIN	0476DN1765		

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

Brand name:
SYLBER

Specifications:
Model(s):
LINEA K 35C

Condensing boiler:	yes
Range rated:	no
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 ₄	29,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	9,9	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η ₄	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η ₁₀₀	97,6	%
At 30 % of rated heat output and low-temperature regime (**)	η ₃₀	109,7	%

- (*) 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).
- (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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