

EU type examination certificate
EU-Baumusterprüfbescheinigung

CE-0085CP0214

Product Identification No.
 Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EU Gas Appliances Regulation (EU/2016/426) <i>EU-Gasgeräteverordnung (EU/2016/426)</i>
Distributor <i>Vertreiber</i>	Riello S.p.A. Via Ing. Pilade Riello, 7, I-37045 Legnago (VR)
Product Category <i>Produktart</i>	Boilers with flue systems: Condensing water heater (3202)
Product Description <i>Produktbezeichnung</i>	condensing boiler
Model <i>Modell</i>	STEEL PRO...; STEEL PRO POWER...
Countries of Destination <i>Bestimmungsländer</i>	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR
Test Reports <i>Prüfberichte</i>	supplement test: B 19/05/3009 EU from 04.10.2019 (DBI)
Test Basis <i>Prüfgrundlagen</i>	EU/2016/426 A III B (09.03.2016) DIN EN 15502-1 (01.10.2015) DIN EN 15502-2-1 (01.09.2017)

Date of Expiry / File No. 10.04.2028 / 20-0722-GEU
Ablaufdatum / AZ

70028-04-A-DE



16.11.2020 Rie J-1/2 
 Date, Issued by, Sheet, Head of Certification Body
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN ISO/IEC 17065:2013 and notified by the government of the Federal Republic of Germany for certification of gas appliances under EU Regulation EU/2016/426.

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013 akkreditierte und von der Deutschen Bundesregierung benannte Stelle für die Zertifizierung von Gasgeräten gemäß EU-Verordnung EU/2016/426.



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Appliance Categories <i>Geräte kategorien</i>	Supply Pressures <i>Versorgungsdrücke</i>	Countries of Destination <i>Bestimmungsländer</i>	Remarks <i>Bemerkungen</i>
I2E(S)	20/25 mbar	BE	
I3+	28-30/37 mbar	BE	
I3B/P	30 mbar	CY, IS, MT	
I12E+3+	20/25, 28-30/37 mbar	FR	
I12E3B/P	20, 37 mbar	PL	
I12E3P	20, 37 mbar	LU	
I12ELL3B/P	20, 50 mbar	DE	
I12ELwLs3B/P	20,20,13, 37 mbar	PL	
I12Esi3+	20/25, 28-30/37 mbar	FR	
I12Esi3B/P	20/25, 28-30 mbar	FR	
I12H3+	18, 28-30/37 mbar	ES	
I12H3+	20, 28-30/37 mbar	GB, GR, IE, SI, SK	
I12H3+	20, 30/37 mbar	IT, PT	
I12H3B/P	20, 28-30 mbar	HR	
I12H3B/P	20, 30 mbar	DK, EE, FI, IE, LT, LV, NO, RO, SE, SI, SK	
I12H3B/P	20, 50 mbar	AT, CH, CZ, LU, SK	
I12H3B/P	25, 30 mbar	HU	
I12H3P	20, 37 mbar	SI, SK	
I12L3B/P	25, 30 mbar	NL	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
STEEL PRO 70	nominal heat output: 13,5...67,00 kW heat input (Hi): 14,0...68,0 kW	
STEEL PRO 100	nominal heat output: 19,2...95,3 kW heat input (Hi): 19,4...97,0 kW	
STEEL PRO 135	nominal heat output: 26,0...129,0 kW heat input (Hi): 26,2...131,0 kW	
STEEL PRO POWER 114-2 P	nominal heat output: 13,5...111,4 kW heat input (Hi): 14,0...114,0 kW	cascade: 2 x 57 KW
STEEL PRO POWER 140-2 P	nominal heat output: 13,5...134,0 kW heat input (Hi): 14,0...136,0 kW	cascade: 2 x 68 KW
STEEL PRO POWER 180-2 P	nominal heat output: 19,2...176,6 kW heat input (Hi): 19,4...180,0 kW	cascade: 2 x 90 KW
STEEL PRO POWER 200-2 P	nominal heat output: 19,2...190,6 kW heat input (Hi): 19,4...194,0 kW	cascade: 2 x 97 KW
STEEL PRO POWER 230-2 P	nominal heat output: 22,1...219,6 kW heat input (Hi): 22,4...223,2 kW	cascade: 2 x 111,6 KW
STEEL PRO POWER 270-2 P	nominal heat output: 26,0...258,0 kW heat input (Hi): 26,2...262,0 kW	cascade: 2 x 131 KW
STEEL PRO POWER 300-3 P	nominal heat output: 19,2...285,9 kW heat input (Hi): 19,4...291,0 kW	cascade: 3 x 97 KW
STEEL PRO POWER 345-3 P	nominal heat output: 22,1...329,4 kW heat input (Hi): 22,4...334,8 kW	cascade: 3 x 111,6 KW
STEEL PRO POWER 405-3 P	nominal heat output: 26,0...387,0 kW heat input (Hi): 26,2...393,0 kW	cascade: 3 x 131 KW
STEEL PRO POWER 460-4 P	nominal heat output: 22,1...439,2 kW heat input (Hi): 22,4...446,4 kW	cascade: 4 x 111,6 KW
STEEL PRO POWER 540-4 P	nominal heat output: 26,0...516,0 kW heat input (Hi): 26,2...524,0 kW	cascade: 4 x 131 KW

Hints of Utilization /Remarks

Verwendungshinweise / Bemerkungen

Electrical data: 230 V AC, 50 Hz

additional countries of destination/ appliance categories: TR and BG: I12H3B/P: 20 mbar, 30 mbar

flue types: B23, B53, B53P, C13, C33, C53, C63 according to installation manual with flue system of Fa. Muelink & Grol (0432-BPR-220556), Centrotec (0036 CPD 9169 003), Tecnocontrol S. A (0063-CPD7990/2) and Groppalli (2592-CPR-0001)



EC type examination certificate

EG-Baumusterprüfbescheinigung

CE-0085CP0214

 Product Identification No.
 Produkt-Identnummer

Field of Application <i>Anwendungsbereich</i>	EC Efficiency Directive (92/42/EEC) <i>EG-Wirkungsgradrichtlinie (92/42/EWG)</i>
Distributor <i>Vertreiber</i>	Riello S.p.A. Via Ing. Pilade Riello, 7, I-37045 Legnago (VR)
Product Category <i>Produktart</i>	Boilers with flue systems: Condensing water heater (3202)
Product Description <i>Produktbezeichnung</i>	condensing boiler
Model <i>Modell</i>	STEEL PRO...; STEEL PRO POWER...
Type of Boiler <i>Heizkesseltyp</i>	condensing boiler
Test Reports <i>Prüfberichte</i>	supplement test: B 19/01/2905 EU from 15.01.2019 (DBI)
Test Basis <i>Prüfgrundlagen</i>	EU/92/42 (21.05.1992)
File Number <i>Aktenzeichen</i>	20-0722-GWU

70028-04-A-DE

16.11.2020 Rie J-1/2

 Date, Issued by, Sheet, Head of Certification Body
 Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

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DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013 akkreditierte und von der Deutschen Bundesregierung benannte Stelle für die Zertifizierung von Heizkesseln nach der Richtlinie 92/42/EWG.


 Deutsche
 Akkreditierungsstelle
 D-ZE-16028-01-04

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Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Energy Labelling <i>Energieeffizienzkenzeichnung</i>
STEEL PRO 70	nominal heat output: 13,5...67,00 kW heat input (Hi): 14,0...68,0 kW	
STEEL PRO 100	nominal heat output: 19,2...95,3 kW heat input (Hi): 19,4...97,0 kW	
STEEL PRO 135	nominal heat output: 26,0...129,0 kW heat input (Hi): 26,2...131,0 kW	
STEEL PRO POWER 114-2 P	nominal heat output: 13,5...111,4 kW heat input (Hi): 14,0...114,0 kW	
STEEL PRO POWER 140-2 P	nominal heat output: 13,5...134,0 kW heat input (Hi): 14,0...136,0 kW	
STEEL PRO POWER 180-2 P	nominal heat output: 19,2...176,6 kW heat input (Hi): 19,4...180,0 kW	
STEEL PRO POWER 200-2 P	nominal heat output: 19,2...190,6 kW heat input (Hi): 19,4...194,0 kW	
STEEL PRO POWER 230-2 P	nominal heat output: 22,1...219,6 kW heat input (Hi): 22,4...223,2 kW	
STEEL PRO POWER 270-2 P	nominal heat output: 26,0...258,0 kW heat input (Hi): 26,2...262,0 kW	
STEEL PRO POWER 300-3 P	nominal heat output: 19,2...285,9 kW heat input (Hi): 19,4...291,0 kW	
STEEL PRO POWER 345-3 P	nominal heat output: 22,1...329,4 kW heat input (Hi): 22,4...334,8 kW	
STEEL PRO POWER 405-3 P	nominal heat output: 26,0...387,0 kW heat input (Hi): 26,2...393,0 kW	
STEEL PRO POWER 460-4 P	nominal heat output: 22,1...439,2 kW heat input (Hi): 22,4...446,4 kW	
STEEL PRO POWER 540-4 P	nominal heat output: 26,0...516,0 kW heat input (Hi): 26,2...524,0 kW	

DBI - Gastechnologisches Institut gGmbH
Freiberg

DVGW - Prueflaboratorium Energie

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Person to turn to:
Mr. René Zimmer

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- / -

Our sign / Our message from
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Freiberg
05.10.2020

Declaration

Dear Mr. De Carolis,

basing on report B 19/01/2905 EU and B 17/04/2330 EU we declare the following data for Steel Pro Power appliances:

Technical data for operation with G20 (Methan) 20 mbar :

Brand Riello		Nominal heat input kW		Nominal heat output kW 0.3 and 100%	
Model	Type	Hs	Hi	80/60°C	50/30°C
Steel Pro Power	114-2P/V	15-126	13.7-114	33.6-111.4	37.4-123.8
Steel Pro Power	140-2P/V	15-152	13.7-136	40.4-134	44.6-147.8
Steel Pro Power	180-2P/V	21.6-200	19.4-180	53-176.6	58.8-194.8
Steel Pro Power	200-2P/V	21.6-216	19.4-194	57.2-190.6	63.4-209.9
Steel Pro Power	230-2P/V	24.9-248	22.4-223.2	65.8-219.6	72.94-242.2
Steel Pro Power	270-2P/V	29-292	26.3-262	77.6-258	86.0-284.2

Firmensitz
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Geschäftsführung
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Dipl.-Kfm. Olaf Walther
Eingetragen beim
Amtsgericht Chemnitz · HRB 16390
USt-ID-Nr.: DE 204 293 143
Steuer-Nr.: 220/107/02783

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Zertifiziert nach
DIN EN ISO 9001:2015

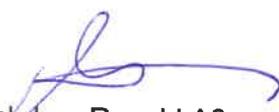


Brand Riello		Nominal heat input kW		Nominal heat output kW 0.3 and 100%	
Model	Type	Hs	Hi	80/60°C	50/30°C
Steel Pro Power	300-3P/V	21.6-324	19.4-291	85.8-285.9	95.1-315.3
Steel Pro Power	345-3P/V	24.9-372	22.4-334.8	98.8-329.4	109.41-363.3
Steel Pro Power	405-3P/V	29-438	26.3-393	116.2-387	129.0-426.3
Steel Pro Power	460-4P/V	24.9-496	22.4-446.4	131.7-439.2	145.88-484.4
Steel Pro Power	540-4P/V	29-584	26.3-524	154.9-516	172.0-568.4

Appliance type	Efficiency nominal input (80/60) Hi	Efficiency at reduced input 0,3 Pn % (50/30) Hi
Steel Pro Power 114-2P/V	97,72	109,36
Steel Pro Power 140-2P/V	98,53	109,31
Steel Pro Power 180-2P/V	98,11	108,89
Steel Pro Power 200-2P/V	98,25	108,93
Steel Pro Power 230-2P/V	98,40	108,93
Steel Pro Power 270-2P/V	98,47	109,41
Steel Pro Power 300-3P/V	98,25	108,93
Steel Pro Power 345-3P/V	98,40	108,93
Steel Pro Power 405-3P/V	98,47	109,41
Steel Pro Power 460-4P/V	98,40	108,93
Steel Pro Power 540-4P/V	98,47	109,41

Yours sincerely,

DBI - Gastechnologisches Institut gGmbH Freiberg



Dipl.-Ing. Ronald Aßmann
Head of Test Laboratory




Dipl.-Ing. (FH) René Zimmer
Test Engineer