



<b>Number</b>	KIP-17273/G	<b>Replaces</b>	KIP-17081/G
<b>Issue date</b>	14-03-2023	<b>Contract number</b>	4400
<b>Due date</b>	13-03-2033	<b>Scope</b>	(EU) 2016/426 (9 March 2016)
<b>Report number</b>	150900750/6	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476CQ0750		

## EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the Automatic forced draught burners for gaseous fuels, type(s):

**as specified in the Appendix pages 1, 2, 3, 4 and 5**

Manufacturer

**CIB Unigas S.p.A.**  
**Via Luigi Galvani, 9**  
**35011 Campodarsego (PD) - Italy**

Meet the essential requirements as described in the  
**Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.**

Reference standard: EN 676:2020 and EN 676:2020/AC:2022

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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direzione e coordinamento di Kiwa Italia  
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**GASTEC**

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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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**Report number** 150900750/6  
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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name: **CIB Unigas**

Type	(A)	(B)				(C)	(D)	(E)	(F)	(G)	(H)	(I)
tipo	Fuel type	TN	AB	PR	MD	(3)	(4)	(5) or A	(6)	(7)	(8)	(9)
S5	M-	TN				(3)	(4)	(5)	(6)	(7)	(8)	
S10	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
S18	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
P61	M-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
P65	M-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
P71	M-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
RX92R	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
RX92.1	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	

HS5	MG	TN				(3)	(4)	(5)	(6)	(7)	(8)	
HS10	MG	TN				(3)	(4)	(5)	(6)	(7)	(8)	
HS18	MG	TN				(3)	(4)	(5)	(6)	(7)	(8)	
HP20	MG		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HP30	MG		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HP60	MG		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HP65	MG		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HRX92R	MG			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HRX92.1	MG			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	

KP60	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KP72	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KP73	MN		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KP91	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KP92	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KP93	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KR512	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KR515	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KR520	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KR525	MN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	

P61	L-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
P65	L-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
P71	L-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
P73A	L-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HP73A	LG		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KP73A	LN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
R73A	L-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HR73A	LG			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KR73A	LN			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
R75A	L-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
HR75A	LG		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
KR75A	LN		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	

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

Type	(A)	(B)				(C)	(D)	(E)	(F)	(G)	(H)	(I)
		TN	AB	PR	MD							
tipo	Fuel type					(3)	(4)	(5) or A	(6)	(7)	(8)	(9)
C85A	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
C83X	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
C92A	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
C120A	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
E150X	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
E165A	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
E180X	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
E205A	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
E115X	(1)		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G225X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G270X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G325X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G258A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G335A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G380A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G400A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
H365X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
H440X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
H500X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
H685A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
H630A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
H455A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
N880X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
N925X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
N1060X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
N1060A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
N1300A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
K750A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
K890A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
K990A	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
K590X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
K660X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
K750X	(1)			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
C70N	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
E120N	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
G200N	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
G215N	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
G240N	M-			(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NG35	M-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
NGX35	M-	(TN)				(3)	(4)	(5)	(6)	(7)	(8)	
NG70	M-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
NGX70	M-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
NG90	M-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
NG120	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NGX120	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NG140	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NG200	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NGX200	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	

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

Type	(A)	(B)				(C)	(D)	(E)	(F)	(G)	(H)	(I)
NG280	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NGX280	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NG350	M-	(TN)		(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NGX350	M-	(TN)		(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NG400	M-	(TN)		(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NGX400	M-	(TN)		(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NG550	M-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
NGX550	M-		(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG35	L-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
LG70	L-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
LG90	L-	(TN)	(AB)			(3)	(4)	(5)	(6)	(7)	(8)	
LG120	L-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG140	L-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG200	L-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG280	L-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG350	L-	(TN)		(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG400	L-	(TN)		(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	
LG550	L-	(TN)	(AB)	(PR)	(MD)	(3)	(4)	(5)	(6)	(7)	(8)	

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

### Explanation codes of columns

type	(A)	(B)				(C)	(D)	(E)	(F)	(G)	(H)	(I)
tipo	Fuel Type	TN	AB	PR	MD	(3)	(4)	(5) or A	(6)	(7)	(8)	(9)

type	Identify the heat input range
(A)	Identify fuel type, could be: <b>L-</b> = Burner for Liquid gas <b>LG</b> = Burner for Liquid gas and gas oil (gasolio) <b>LN</b> = Burner for Liquid gas and heavy oil (nafta) Could be LN, LE, LD. <b>M-</b> = methane gas <b>MG</b> = bi-fuel – methane gas and gas oil (gasolio) <b>MN</b> = bi-fuel – methane gas and heavy oil until 50 cSt (nafta) <b>ME</b> = bi-fuel – methane gas and heavy oil until 110 cSt (nafta) <b>MD</b> = bi-fuel – methane gas and heavy oil until 400 cSt (nafta) <b>(1)</b> = Could be M-, MG, MN, ME, MD <b>(2)</b> = Could be MG, MN, ME, MD <b>(3)</b> = Could be MN, ME, MD
(B)	Identify the regulation type, could be: <b>TN</b> = On-Off <b>AB</b> = Hi-Low <b>PR</b> = Progressive <b>MD</b> = Modulating
(C)	<b>(3)</b> Identify the blast tube and air damper type, could be: <b>S</b> = Standard <b>L</b> = Long <b>M</b> = Modulating <b>SP</b> = standard and air damper without silencer <b>SR</b> = standard and air damper with silencer <b>LP</b> = Long blast tube and air damper without silencer <b>SR</b> = Long blast tube and air damper with silencer
(D)	<b>(4)</b> Identify Destination Country
(E)	Identify the burner configuration (not safety-related), could be: <b>A</b> = standard Or <b>(5)</b> could be: <b>A</b> = standard <b>B</b> = for installation on bread oven <b>C</b> = for installation on bread oven (with air duct connection) <b>D</b> = "chef" version <b>Z</b> = with air duct connection
(F)	<b>(6)</b> Identify the gas train equipment, could be: <b>0</b> = 2 valves + min. gas pressure switch <b>1</b> = 2 valves + min. gas pressure switch + leakage control <b>7</b> = 2 valves + min. gas pressure switch + max. gas pressure switch <b>8</b> = 2 valves + min. gas pressure switch + leakage control + max. gas pressure switch
(G)	<b>(7)</b> Identify the gas strain size could be: 15 = ½" threaded 20 = ¾" threaded 25 = 1" threaded 32 = 1¼" threaded 40 = 1½" threaded 50 = 2" threaded 65 = DN65 flanged 80 = DN80 flanged 100 = DN100 flanged 125 = DN125 flanged 150 = DN150 flanged
(H)	Identify the burner control unit installed <b>(8) could be</b> (see part list for more details): If empty = BMS (Burner Management System) <b>EA</b> = BMS... when single fuel <b>EB</b> = BMS... + VSD control when single fuel <b>EC</b> = BMS... when dual fuel <b>ED</b> = BMS... + VSD control when dual fuel <b>ES</b> = BMS... <b>EI</b> = BMS... + VSD control <b>EO</b> = BMS... + O2 control <b>EK</b> = BMS... + VSD control + O2 control <b>EF</b> = BMS... + FGR control <b>EG</b> = BMS... + VSD control + FGR control <b>ER</b> = BMS... + VSD control + O2 monitoring + FGR control
(I)	<b>(9)</b> Could be empty or <b>FGR</b> = Identify the presence of FGR system

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

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

Models: "...M-...", "...MG...", "...MN...", "...ME...", "...MD..."

Gas groups:

Group	mbar	Group	mbar	Group	mbar
E	--	LL	--	Er	--
H	--	L	--	E(R)	--
EK	--	2R	--		

Models: "...L-...", "...LG...", "...LN..."

Gas groups:

Group	mbar	Group	mbar	Group	mbar
B/P	--	B	--	P	--
3R	--				

type C70N, E120N, G200N, G215N, G240N

Gas groups:

Group	mbar	Group	mbar	Group	mbar
E	--	H	--	E(R)	--

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

Remarks: --

The validity of this certificate can be verified on request at the following e-mail address: [info@kiwacermet.it](mailto:info@kiwacermet.it)  
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