

Modification report

Domestic gas hotplates

1-5128, 1-N5-M, 2-N5-M, 3-N5-M, 1-N5-H, 2-N5-H, 3-N5-H
1-N5-1605XS-90, 2-N5-1605XS-90, 3-N5-1605XS-90, 2-N5-1608, 3-N5-1608,
T4-S60, T4-S60C, T4-B60, T4-B60C, 1-N5-1605XS, 2-N5-1605XS, 3-N5-1605XS

1-E30A, 2-E30A(2-EB8610A), 2-EC60A(2-EB8315B), 2-ES60A(2-ES8313B),
2-N5-KSA(2-NS8302B), 2-N5-KCA(2-NB8303B), 2-HG9(2-HGB8607A),
2-HG9T(2-HGB8608A), 2-HG7(2-HGB8311B), 2-HG7SA(2-HGS8312B),
2-HG9SA(2-HGS8609A)

Xunda Science & Technology Group Co. Ltd.
Yuetang District, Xiangtan, Hunan province,
China

Report/ Modification number: 179273/6
Project number: 702885
Client-number: E 8805

Date: 04/06/2021

Kiwa

HISTORY SHEET

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All tests mentioned in this report have been carried out at Kiwa Gastec (China) Ltd., unless otherwise stated. Test reports from Kiwa Gastec (China) Ltd. are issued within the IAS TL-657 accreditation. when stating conformity with a specified requirement, the decision rules applied procedure 2 "accuracy method" as stated in the IEC guide 115: 2007. This report may only be duplicated as a complete set without any modifications. The test results in this report are exclusively related to the samples offered and tested.

Version: KGGZ-LAB-F-102 version 3.0,

1 CONCLUSIONS

The domestic gas hotplates:

1-5128, 1-N5-M, 2-N5-M, 3-N5-M, 1-N5-H, 2-N5-H, 3-N5-H
1-N5-1605XS-90, 2-N5-1605XS-90, 3-N5-1605XS-90, 2-N5-1608, 3-N5-1608,
T4-S60, T4-S60C, T4-B60, T4-B60C, 1-N5-1605XS, 2-N5-1605XS, 3-N5-1605XS

1-E30A, 2-E30A(2-EB8610A), 2-EC60A(2-EB8315B), 2-ES60A(2-ES8313B),
2-N5-KSA(2-NS8302B), 2-N5-KCA(2-NB8303B), 2-HG9(2-HGB8607A),
2-HG9T(2-HGB8608A), 2-HG7(2-HGB8311B), 2-HG7SA(2-HGS8312B),
2-HG9SA(2-HGS8609A)

Manufactured by: Xunda Science & Technology Group Co. Ltd.

Have been tested in regard to:

Gas Appliance Regulation (EU)2016/426

See chapter two for a detailed overview of all the references.

There are no further conditions/remarks applicable.

Signed in acceptance:



Deke Peng
Engineer
Kiwa Gastec(China) Ltd.

Date:

04/06/2021

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2 REFERENCES

Regulation	Standard	Issued	Description
GAR	EN 30-1-1:2008 +A3:2013	2013	Domestic cooking appliances burning gas - Part 1-1: Safety – General;
GAR	EN 30-2-1:2015	2015	Domestic cooking appliances burning gas - Part 2-1: Rational use of energy;

3 DESCRIPTION OF THE PRODUCT

Name of the Supplier	:	Xunda Science & Technology Group Co. Ltd.
Trade name	:	Xunda
Appliance type:	:	A
PIN:	:	0063CL7273

Appliance description

40 types of independent freestanding gas hotplates, sharing either single valve type or double valve type. 1-5128, 1-N5-M and 1-N5-H have one burner, 2-N5-M and 2-N5-H have two burners. 3-N5-M and 3-N5-H have two burners. They configure with gas taps FJZ-C30DM6-201, FJZ-C30DM6-205, FJZ-C30SZ6-201, FJZ-C30SZ6-204 or FJZ-C30SZ6-205 by Xunda. Other models are fitted with gas valve FJZ-C00DM6-208, FJZ-C00SZ6-208.

2 types of table-top glass panel hotplates: 3-N5-1608 has three burners: burner A, B and C.

2-N5-1608 has two types of burner: burner A and B. Both models use round cast iron pan support and the ignition method is: Piezoelectric ceramic ignition.

2-HG9(2-HGB8607A), 2-HG9T(2-HGB8608A), 2-HG7(2-HGB8311B), 2-HG7SA(2-HGS8312B) and 2-HG9SA(2-HGS8609A) have the same burner(burner A or B), pan support, glass/stainless steel/ceramic panel. Ignition method: battery powered pulse ignition. 2-HG9(2-HGB8607A), 2-HG9T(2-HGB8608A) and 2-HG9SA(2-HGS8609A) have two burner A. The other two models have two burners: burner A and burner B. Ignition method is: battery powered pulse ignition.

1-N5-1605XS-90, 2-N5-1605XS-90 and 3-N5-1605XS-90 are stainless steel panel hotplates and have three types of burner in common: burner A, B and C. ignition method: Piezoelectric ceramic ignition.

T4-S60, T4-S60C, T4-B60 and T4-B60C have the same four types of burner: triple burner, rapid burner, semi-rapid burner and auxiliary burner. T4-S60 and T4-S60C have stainless steel control panel while T4-B60 and T4-B60C have glass control panel. Ignition method is: battery powered pulse ignition.

1-N5-1605XS, 2-N5-1605XS, 3-N5-1605XS are stainless steel panel hotplates and have two types of burner in common: burner A and B. pan support: round enameled steel. Ignition method: Piezoelectric ceramic ignition.

1-E30A, 2-E30A(2-EB8610A), 2-EC60A(2-EB8315B), 2-ES60A(2-ES8313B), 2-N5-KSA(2-NS8302B) and 2-N5-KCA(2-NB8303B) have the same burner (burner A or B), pan support, glass/stainless steel panel. Ignition method: battery powered pulse ignition. 1-E30A and 2-E30A(2-EB8610A) has same burner: burner A. The other four models have two types of burner: burner A and burner B.

Approved for I_{3B/P}, I₃₊, I_{2H}, I_{2E}, I_{2E+}, I_{2EK}.

Group	mbar	Group	mbar	Group	mbar
B/P	28-30;37,50	3+	28-30/37	H, E	20
E+	20/25	EK	20/25		

	kW(Hs)	kW(Hs)	kW(Hs)	kW(Hs)	kW(Hs)	kW(Hs)
Burner Model	40mm Single	125mm Double	90mm Single	90mm double	110mm Double	Total
1-5128	-	4.28	-	-	-	4.28
1-N5-M	-	4.21	-	-	-	4.21
2-N5-M	-	-	3.56	-	4.53	8.09
3-N5-M	0.73	-	3.56	-	4.53	8.82
1-N5-H	-	-	-	3.85	-	3.85
2-N5-H	-	-	3.52	3.85	-	7.37
3-N5-H	0.73	-	3.52	3.85	-	8.10

Injector size (mm)						
Models	40mm Single	125mm Double	90mm Single	90mm double	110mm Double	Note
1-5128 -30mb -50mb	-	0.94/0.44 0.80/0.40	-	-	-	The suffix of model name, mb, refer to mbar.
1-N5-M -30mb -50mb	-	0.80/0.64 0.70/0.55	-	-	-	
2-N5-M -30mb -50mb	-	-	0.90 0.78	-	0.94/0.44 0.82/0.40	
3-N5-M -30mb -50mb	0.40 0.35	-	0.90 0.78	-	0.94/0.44 0.82/0.40	
1-N5-H -30mb -50mb	-	-	-	0.90/0.44 0.75/0.40	-	
2-N5-H -30mb -50mb	-	-	0.90 0.78	0.90/0.44 0.75/0.40	-	
3-N5-H -30mb -50mb	0.40 0.35	-	0.90 0.78	0.90/0.44 0.75/0.40	-	

Model	Injector size (mm)			
	G20 (20mbar)	G25.3 (25mbar)	G30 (50mbar)	G30 (30mbar) G30 (37mbar)
1-N5-1605XS-90	1.30 & 0.60		0.78 & 0.35	0.90 & 0.40
2-N5-1605XS-90	1.30 & 0.60 1.30		0.78 & 0.35 0.78	0.90 & 0.40 0.90
3-N5-1605XS-90	1.30 & 0.60 1.30/0.60		0.78 & 0.35 0.78/0.35	0.90 & 0.40 0.90/0.40
1-N5-1605XS	1.20 & 0.90		0.75 & 0.50	0.85 & 0.58
2-N5-1605XS	1.20 & 0.90		0.75 & 0.50	0.85 & 0.58
3-N5-1605XS	1.20 & 0.90 0.60		0.75 & 0.50 0.35	0.85 & 0.58 0.40

Model	Injector size (mm)			
	G20 (20mbar)	G30 (50mbar)	G30 (30mbar)	G30 (37mbar)
3-N5-1608 2-N5-1608	1.20 & 0.60 1.20/0.60	0.73 & 0.35 0.73/0.35	0.84 & 0.40 0.84/0.40	
T4-S60, T4-S60C T4-B60, T4-B60C	---	---	0.95/0.90/0.70/0.55	

Model	Injector size (mm)			
	G20 (20mbar)	G30 (50mbar)	G30 (30mbar)	G30 (37mbar)
1-E30A	1.30 & 0.80	0.80 & 0.40	0.93 & 0.43	0.93 & 0.43
2-E30A, 2-EB8610A	1.30 & 0.80	0.80 & 0.40	0.93 & 0.43	0.93 & 0.43
2-EC60A, 2-EB8315B, 2-ES60A, 2-ES8313B	1.30 & 0.80 1.10/0.70	0.80 & 0.40 0.70 & 0.40	0.93 & 0.43 0.82 & 0.43	0.93 & 0.43 0.82 & 0.43
2-N5-KSA, 2-NS8302B, 2-N5-KCA, 2-NB8303B	1.30 & 0.80 1.10 & 0.70	0.80 & 0.40 0.70 & 0.40	0.93 & 0.43 0.82 & 0.43	0.93 & 0.43 0.82 & 0.43
2-HG7, 2-HGB8311B, 2-HG7SA, 2-HGS8312B	1.10 & 1.00 1.00 & 0.85	0.72 & 0.57 0.66 & 0.47	0.81 & 0.63 0.75 & 0.55	0.81 & 0.63 0.75 & 0.55
2-HG9, 2-HGB8607A, 2-HG9SA, 2-HGS8609A, 2-HG9T, 2-HGB8608A	1.10 & 1.00	0.72 & 0.57	0.81 & 0.63	0.81 & 0.63

Model	kW(Hs) G20(20mbar)	kW(Hs) G30(30mbar)	kW(Hs) G30(37mbar)	kW(Hs) G30(50mbar)
1-E30A	4.10	4.30	4.90	4.30
2-E30A, 2-EB8610A	8.20	8.60	9.80	8.60
2-EC60A, 2-EB8315B, 2-ES60A, 2-ES8313B	7.30	7.70	8.80	7.70
2-N5-KSA, 2-NS8302B, 2-N5-KCA, 2-NB8303B	7.30	7.70	8.80	7.70
2-HG7, 2-HGB8311B, 2-HG7SA, 2-HGS8312B	7.00	7.70	8.60	7.70
2-HG9, 2-HGB8607A, 2-HG9SA, 2-HGS8609A, 2-HG9T, 2-HGB8608A	8.00	8.60	9.40	8.60

Model	kW(Hs)		
	G20(20mbar)	G30(30mbar)	G30(37mbar)
2-N5-1608	6.50	6.50	7.50
3-N5-1608	7.20	7.20	8.25
T4-S60, T4-S60C T4-B60, T4-B60C	---	8.90	10.10

Model	kW(Hs)		
	G20(20mbar) G30(30mbar) G30(50mbar)	G30(37mbar)	G25.3(25mbar)
1-N5-1605XS-90	4.00	4.50	3.70
2-N5-1605XS-90	7.50	8.30	6.90
3-N5-1605XS-90	8.13	9.05	7.40
1-N5-1605XS	4.40	5.00	4.00
2-N5-1605XS	8.80	10.00	8.00
3-N5-1605XS	9.43	10.75	8.50

Single burner heat input(kW) of model: T4-S60, T4-S60C, T4-B60, T4-B60C.				
Burner type	G30 (30mbar)	G30 (37mbar)		
Triple burner	3.1	3.5		
Rapid burner	2.9	3.3		
Semi-rapid burner	1.9	2.1		
Auxiliary burner	1.0	1.2		
Single burner heat input(kW): 1-N5-1605XS-90, 2-N5-1605XS-90, 3-N5-1605XS-90.				
Burner type	G30 (30mbar) & (50mbar)	G20 (20mbar)	G25.3 (25mbar)	G30 (37mbar)
Burner A	4.0	4.0	3.7	4.5
Burner B	3.5	3.5	3.2	3.8
Burner C	0.63	0.63	0.50	0.75
Single burner heat input(kW) of model: 1-N5-1605XS, 2-N5-1605XS, 3-N5-1605XS.				
Burner type	G30 (30mbar) & (50mbar)	G20 (20mbar)	G25.3 (25mbar)	G30 (37mbar)
Burner A	4.4	4.4	4.0	5.0
Burner B	0.63	0.63	0.5	0.75
Single burner heat input(kW) of model: 2-N5-1608, 3-N5-1608.				
Burner type	G30 (30mbar)	G20 (20mbar)	G30 (50mbar)	G30 (37mbar)
Burner A	3.5	3.5	3.5	4.0
Burner B	3.0	3.0	3.0	3.5
Burner C	0.7	0.7	0.7	0.75
Single burner heat input(kW) of model: 1-E30A, 2-E30A, 2-EB8610A				
Burner type	G30 (30mbar)	G20 (20mbar)	G30 (50mbar)	G30 (37mbar)
Burner A	4.3	4.1	4.3	4.9
Single burner heat input(kW) of model: 2-EC60A, 2-EB8315B, 2-ES60A, 2-ES8313B, 2-N5-KSA, 2-NS8302B, 2-N5-KCA, 2-NB8303B.				
Burner type	G30 (30mbar)	G20 (20mbar)	G30 (50mbar)	G30 (37mbar)
Burner A	4.3	4.1	4.3	4.9
Burner B	3.4	3.2	3.4	3.9
Single burner heat input(kW) of model: 2-HG7, 2-HGB8311B, 2-HG7SA, 2-HGS8312B.				
Burner type	G30	G20	G30	G30

	(30mbar)	(20mbar)	(50mbar)	(37mbar)
Burner A	4.3	4.0	4.3	4.7
Burner B	3.4	3.0	3.4	3.9
Single burner heat input(kW) of model: 2-HG9, 2-HGB8607A, 2-HG9SA, 2-HGS8609A, 2-HG9T, 2-HGB8608A.				
Burner type	G30 (30mbar)	G20 (20mbar)	G30 (50mbar)	G30 (37mbar)
Burner A	4.3	4.0	4.3	4.7

Model breakdown

1	-N5-H	Example – 1 burner style N5-H stainless steel finish
1	-	1 burner
2	-	2 burners
3	-	3 burners
	5128	Style 5128 Painted finish
	N5-M	Style N5-M Glass finish
	N5-H	Style N5-H Stainless steel finish

Model breakdown

EB		Detachable burner; Glass panel.
ES		Detachable burner; Stainless steel panel.
	8610	Two bigger burner; No.10.
	8315	Two smaller burner; No. 15.
	8313	Two smaller burner; No. 13. bottom panel size; 620*320mm
NS		Non-detachable burner; Stainless steel panel.
NB		Non-detachable burner; Glass panel.
	8302	Two smaller burner; No. 2.bottom panel size; 600*320mm
	8303	Two smaller burner; No. 3. bottom panel size; 600*320mm
HG		Detachable burner; Centripetal flame type of burner
	B	Glass panel.
	S	Stainless steel panel.
	8607	Two bigger burner; big bottom panel ; 700*400
	8608	Two bigger burner; No. 8.
	8609	Two bigger burner; No. 9.
	8311	Two smaller burner; No. 11.
	8312	Two smaller burner; No. 12.
	B	Smaller burner bottom.
	A	Bigger burner bottom.

Model breakdown

1	-N5-H	Example – 1 burner style N5-H stainless steel finish
1	-	1 burner
2	-	2 burners
3	-	3 burners
	5128	Style 5128 Painted finish
	N5-M	Style N5-M Glass finish
	N5-H	Style N5-H Stainless steel finish
	N5-1608	Style N5, No.8 of 2016
	N5-1605XS	Style N5, No.8 of 2016, burner size 105mm
	N5-K	Style N5, 2 burner, stainless steel burner
	CA	glass surface

T4	S60 B60	SA	stainless steel surface
		90	Burner size 90mm
HG7	SA T E30	C	4 burner Table gas cooker stainless steel surface(surface wide 60cm) glass surface (surface wide 60cm) with glass shut-down lid Centripetal-whirlwind fire burner; small bottom panel.
		A	Stainless steel surface The ceramic panel
1-	EC60 ES60 S60 B60	A	E; Removable burner of titanium coating 30; bottom panel size; 700*400mm
2-		A	1 burner
		A	2 burners
		A	C; glass surface 60; bottom panel size; 600*320mm
		A	S; stainless steel surface 60; bottom panel size; 600*320mm
			stainless steel surface(surface wide 60cm)
			glass surface (surface wide 60cm)
		C	with glass shut-down lid

Model pictures		
1-E30A	2-E30A	2-EC60A
		
2-ES60A	2-N5-KSA	2-N5-KCA
		
2-HG7	2-HG7SA	2-HG9
		
2-HG9SA	2-HG9T	T4-S60C
		
T4-B60C	2-N5-1608	3-N5-1608
		

2-1605XS-90	3-1605XS-90
	
2-1605XS	3-1605XS
	
1-5128	
	

Marketeers:

Name	Trade Name	City	Country
JOVE ELECTRONICS	JV	WUPPERTAL	Germany
ARKEMIX	KRYSTER	Paris	France

Available models and their cross reference:

Xunda Science & Technology Group Co. Ltd	JOVE ELECTRONICS
1-N5-M	JV-02ESG

Brand name: KRYSTER

Xunda Science & Technology Group Co. Ltd	ARKEMIX
1-N5-M	KRG371G
	KRG371R

Note: the structure of models KRG371G and KRG371R is same except different color of glass panel, R is red and G is black.

Xunda Science & Technology Group Co. Ltd	Fontron Ltd
1-N5-H	NSD11
2-N5-H	NSD2
3-N5-H	NSD3
1-N5-1605XS	NJ-100SD
2-N5-1605XS	NJ-200SD

3-N5-1605XS	NJ-300SD
1-N5-M	NGBS1
2-N5-1608	NGBS2
3-N5-1608	NGBS3

4 DESCRIPTION OF THE MODIFICATION

Modification description

Issuing a new GAR certificate for Fontron Ltd, which is based on the Xunda's models.

The models relationship as below:

Xunda Science & Technology Group Co. Ltd	Fontron Ltd
1-N5-H	NSD11
2-N5-H	NSD2
3-N5-H	NSD3
1-N5-1605XS	NJ-100SD
2-N5-1605XS	NJ-200SD
3-N5-1605XS	NJ-300SD
1-N5-M	NGBS1
2-N5-1608	NGBS2
3-N5-1608	NGBS3

Appliance categories:

Appliance categories:	Fontron Ltd
I3+, I3B/P(30), I3B/P(50).	NSD11
	NSD2
	NSD3
I3+, I3B/P(30), I3B/P(37), I3B/P(50) . I2H, I2E, I2EK.	NJ-100SD
	NJ-200SD
	NJ-300SD
I3+, I3B/P(30), I3B/P(50)	NGBS1
I3+, I3B/P(30), I3B/P(37), I3B/P(50) . I2H, I2E.	NGBS2
	NGBS3

Motivation test plan:

No tests are needed on this application. Documents checking for the data plate, package marking and user manual according to EN 30-1-1:2008+A2:2010+ A3:2013& EN 30-2-1:2015.

Based on the product(s) information the test plan is not subject to any special interpretations or modifications.

5 FURTHER INFORMATION

CERTIFICATION INFORMATION (tab A)

Description

Copies of issued certificate(s) by Kiwa
Quotation sheet for Xunda_702885

SUPPLIERS INFORMATION (tab B)

Description

Enclosure

Manufacture declaration for CE
Data plate
Package marking
User Manual
Critical component list
Certificate of component

6-1
6-2
6-3
6-4
6-5
6-6

DETAILED TEST RESULTS (tab C)

Description

N.A.

KIWA FILES (tab D)

Only included in Kiwa report.