620 Old Peachtree Road NW, Suite 100, Suwanee, GA 30024 USA (770) 570-1800

Test Report Number: SDHL2101000131PC-004

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of Outdoor decorative gas appliances, ANSI Z21.97/ CSA 2.41-2017, third edition.

Issuing Laboratory .....:	SGS – CSTC Standards Technical Services Co., Ltd. Shunde Branch Hardlines
Address .....:	1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
Applicant (Certificate Holder).....:	Xiamen Rikai Industry And Trade Co., Ltd.
Address .....:	3#Plant 4/F, No.380 Yuelong Road, Tong'an District, Xiamen, Fujian, China
Contact Details .....:	Hexuezheng 18030272177 firepit01@xmrikai.com
Manufacturer.....:	Zhangzhou Rikai Outdoor Products Co., LTD
Address .....:	No.15-34, Wushiyang, Qiaomei Village, Fangyang Town, Changtai District,Zhangzhou City 363900 China
Contact Details .....:	Hexuezheng 18030272177 firepit01@xmrikai.com
Factory.....:	Same as Manufacturer
Address .....:	
Contact Details .....:	

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Product Type.....:	Outdoor decorative gas appliances
Trade Mark .....:	N/A
Product description.....:	For outdoor use only. GF4201-22, GF4202-22, GF5611-22 for connection to NG gas piping system, outlet pressure set at 7”(1.74kPa). Other models for connection to self-contained 20lb propane cylinder, outlet pressure of regulator set at 11” (2.74kPa).
Model Number(s) .....:	GF2902-19, GF2904-18, GF3019-18, GF3029-18, GF3126-18, GF3127-18, GF3421-18, GF3501-19, GF3502-19, GF3518-18, GF3523-18, GF4201-18, GF4202-18, GF4212-18, GF4217-18, GF4220-18, GF4225-18, GF4801-19, GF4802-19, GF4906-18, GF5611-18, GF5616-18, GF5624-18, GF6005-18, GF6006-19, GF6022-18, GF6028-18, GF6509-18, GF7015-18, GF4221-19, GF4224-20, GF4223-20, GF3010-20, GF3505-19, GF3003-19, GF3602-19, GF5612-20, GF2802-20, GF2805-20, GF2801-19, GF2403-20, GF1907-20, GF1906-20, GF4218-20, GF3018-20, GF2503-19, GF2903-18, GF2502-19, GF2905-19, GF2501-19, GF2402-19, GF3006-19, GF2806-20, GF3008-19, GF2616-20. GF4201-22, GF4202-22, GF5611-22. GF3116-22, GF3224-22, GF4222-23, GF3024-22, GF3525-22, GF4720-22, GF4724-22, GF4020-22, GF5027-22, GF3414-22, GF5025-22, GF4820-22, GF3251-22, GF5026-22, GF3517-22, GF3524-22, GF4907-22, GF2809-21, GF3011-21, GF2201-21， GF2807-20, GF5501-21, GF6008-21, GF4803-20. GF3004-24, GF2811-24, GF3434-24, GF2812-24, GF3103-23, GF3251-25, GF3252-25，GF3253-25，GF3201-26，GF3202-26，GF3902-25，GF4219-23，GF4214-23，GF4216-23，GF5628-24，GF5606-24，GF5626-24，GF5646-24，GF5601-26
Model Differences.....:	Models GF4201-18, GF4202-18, GF5611-18, GF4201-22, GF4202-22, GF5611-22 use both lava stones & fire glass. Other models use lava stones only. Ref to “model Differences” on illustrations section for details.
Electrical Ratings .....:	NA
Other Ratings .....:	60000 Btu/hr, orifice size at 2.46 mm, LPG. 50000 Btu/hr, orifice size at 2.25 mm, LPG. 40000 Btu/hr, orifice size at 1.95 mm. LPG. For models GF4201-22, GF4202-22, GF5611-22, 50000 Btu/hr orifice size at 3.90 mm, NG.
Accessories .....:	NA.

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Testing Laboratory.....:	SGS – CSTC Standards Technical Services Co., Ltd. Shunde Branch Hardlines
Address .....:	1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
Date of receipt of test item.....:	5 Feb 2026
Date(s) of performance of tests .....:	5 ~ 11 Feb 2026
Certification Conditions (X Condition).....:	N/A
Component Conditions (U Condition).....:	N/A

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CO-LISTING PAGE

CO-LISTING APPLICANT I

Applicant's Name:	NewAge Products Inc
Address:	1190 Caledonia Road Toronto, Ontario
	M6A 2W5, Canada
Primary Contact:	Matthew Poon
Phone:	1-877-8952020
Fax:	NA
Email:	mpoon@newageproducts.com

Product Correlation:

Basic Models	Co-Listed Models	Note any differences between Basic and Co-Listed models
GF4201-18	6800X, where X is 0 to 9 represents color/texture	identical in construction, materials and components
GF4202-18	6802X, where X is 0 to 9 represents color	
GF5611-18	6801X, where X is 0 to 9 represents color	
GF4201-22	6807X, where X is 0 to 9 represents color/texture	
GF4202-22	6809X, where X is 0 to 9 represents color/texture	
GF5611-22	6808X, where X is 0 to 9 represents color/texture	

CO-LISTING APPLICANT II

Applicant's Name:	
Address:	
Primary Contact:	
Phone:	
Fax:	
Email:	

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Product Correlation:

Basic Models	Co-Listed Models	Note any differences between Basic and Co-Listed models
1.		
2.		
3.		

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GENERAL INFORMATION

Components
Components used in the covered products must be those outlined in the latest edition of the Listing Report.

Listing Marking
This report along with a valid certificate authorizes the certificate holder to use the Listing Marking of SGS North America only on products covered by this report and in accordance with the Product Certification Program Policy Handbook.

Production Line Tests
Manufacturing and Production Tests shall be performed as required by this Report.

Responsibility of the Manufacturer and Factory

1) It is the manufacturer and factory's responsibility to restrict the use of markings which reference SGS to those products which are found by the manufacturers own inspection to comply with the product description in this report. This includes reference to SGS directly and/or indirectly.

2) During hours in which the factory is in operation, the SGS inspector shall be given unlimited access to any portion of the premises where the product and/or parts are being produced, assembled, inspected and labeled; and to the test area designated for routine tests. The SGS inspector shall be permitted to inspect and subject the products to prescribed tests prior to shipment any product bearing or intended to bear marking referencing SGS.

3) The factory shall provide all required testing equipment and facilities including trained personnel for conducting all routine tests that are to be performed at the factory. These shall be available when needed so that the inspection work can proceed without delays.

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Follow up Inspections

As part of the SGS Follow-Up inspection, it is required that an inspector periodically visit the factory location(s) and select for examination and/or testing, the most recent production sample of the product covered in the Listing Report.

SGS Inspector

1) A product which is found by the SGS inspector to have features which make it unacceptable to bear marking referencing SGS shall be corrected if the listing marking is to be used. The inspector shall carefully check additional production for such features until conditions are considered normal.

2) A product which does not comply with the provisions of the listing report shall have all reference to SGS removed. If the rejection of the product is questioned by the factory representative, it may be put on hold in separate area of location pending appeal. The factory shall satisfy the inspector that all marks referencing SGS are removed from the rejected material or finished product. Factory shall destroy product and or turn over to inspector for destruction.

3) All discrepancies between the product and the listing report shall be immediately stated to the attention of the factory representative. This shall be noted in the follow-up inspection report as a discrepancy.

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ROUTINE TESTS FOR MANUFACTURING AND PRODUCTION

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Gas tightness
Burner Operating Characteristics
Combustion
Ignition

Gas tightness

Method

Test fire each burner and manifold and control assembly for proper burner and gas valve operation and verify the gas tightness of the manifold and control assembly.
No leakage on each manifold and control assembly shall be observed

Products Requiring Gas Tightness	Frequency
All products covered by this Report.	100%

Burner Operating Characteristics

Method

Test shall consist of a series of three tests; one at normal test pressure, one at a reduced test pressure and one at an increased test pressure, whichever is applicable.
Burners shall not flash back;
Burner flames shall not flash outside of appliance;
No damage to the appliance;
Pilot shall not deposit carbon.

Products Requiring Burner Operating Characteristics	Frequency
All products covered by this Report.	5 pieces per quarter

Combustion

Method

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Test shall consist of a series of three tests; one at normal test pressure, one at a reduced test pressure and one at an increased test pressure, whichever is applicable.
Carbon monoxide shall not exceed 0.08% air free

Products Requiring Combustion	Frequency
All products covered by this Report.	5 pieces per quarter

Ignition

Method

Test shall consist of a series of three tests; one at normal test pressure, one at a reduced test pressure and one at an increased test pressure or increased input rate, whichever is applicable.
Ignition device shall effective ignite the burner within 4 seconds, after gas is available at the burner ports;
Ignition test shall repeat at least 5 times.

Products Requiring Ignition	Frequency
All products covered by this Report.	100%

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PHOTOGRAPHS



Photo 1 Front view - Model GF2904-18



Photo 2 Combustion compartment – Model GF2904-18

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Photo 3 Burner – Model GF2904-18



Photo 4 Front view - Model GF4906-18

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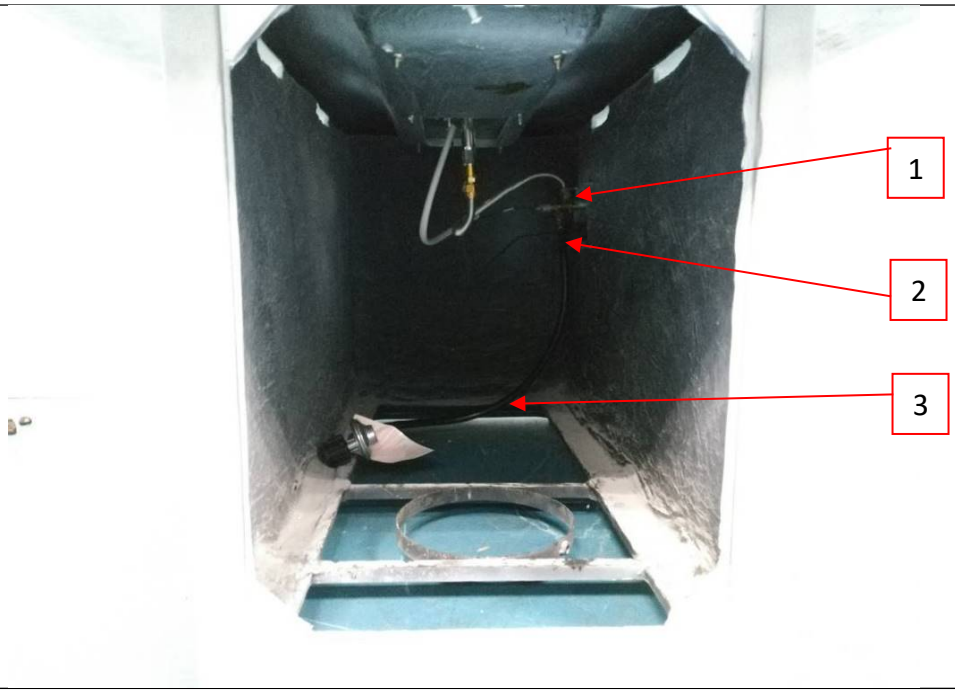


Photo 5 Cylinder compartment - Model GF4906-18

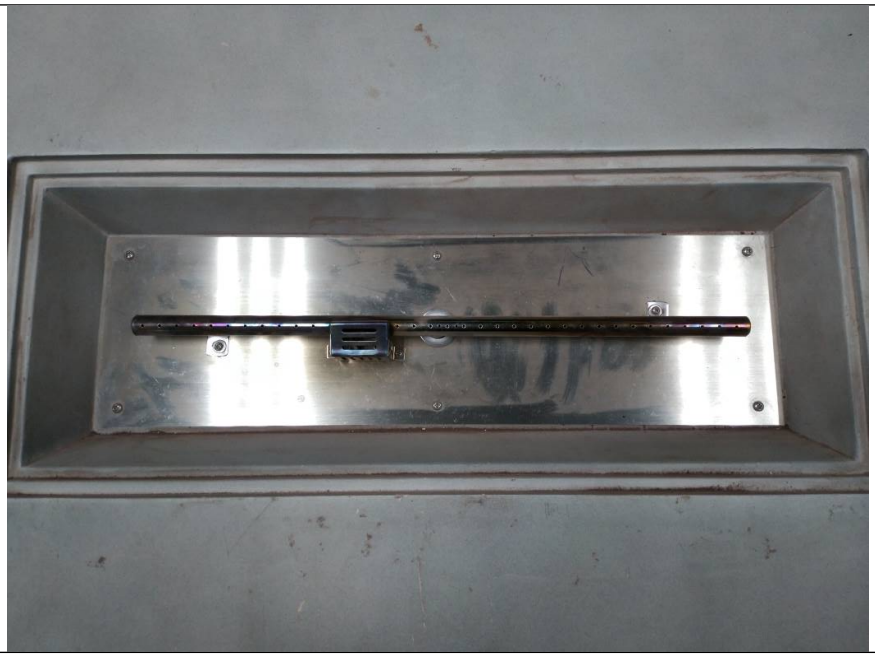


Photo 6 Burner – Model GF4906-18

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Photo 7 Front view – Model GF4201-18



Photo 8 Combustion compartment - Model GF4201-18

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Photo 9 Front view – Model GF4217-18



Photo 10 Burner - Model GF4217-18

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Photo 11 Front view - GF6005-18



Photo 12 Burner – Model GF6005-18

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Photo 13 Front view - GF6022-18



Photo 14 Cylinder compartment - GF6022-18

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Photo 15 Burner - GF6022-18



Photo 16 Cylinder holder for models without cylinder compartment

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Photo 17 Front view – Model GF3008-19



Photo 18 Burner – Model GF3008-19

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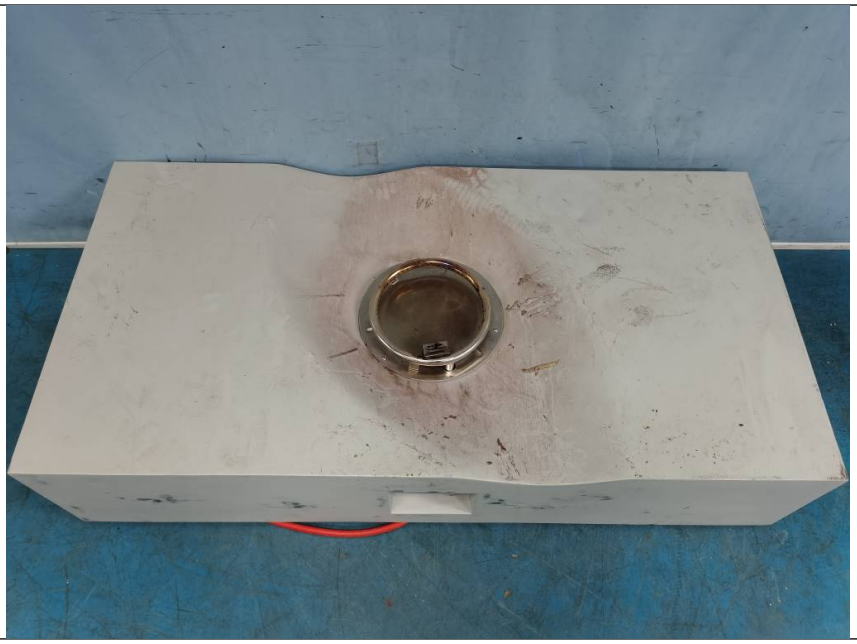


Photo 19 Front view – Model GF5612-20 (without media)

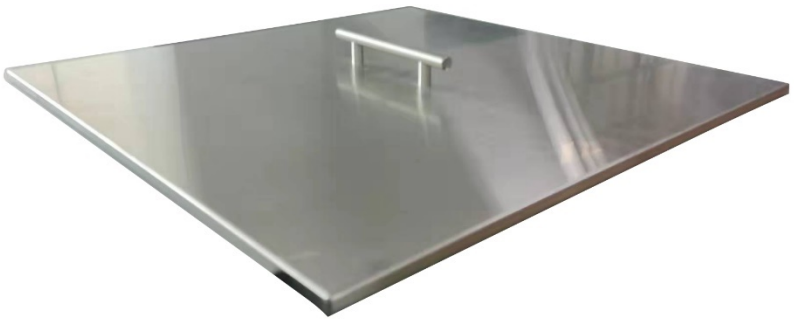


Photo 20 Optional Cover for model GF4201-18

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Photo 21 Optional Cover for model GF4202-18



Photo 22 Optional Cover for model GF5611-18.

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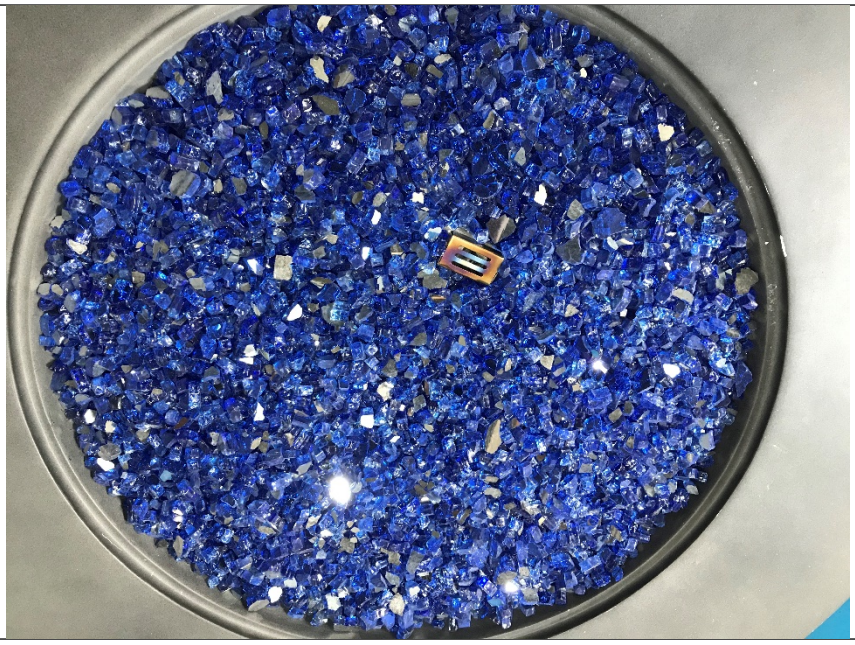


Photo 23 Optional Fire glass



Photo 24 Gas Hose for piping system.

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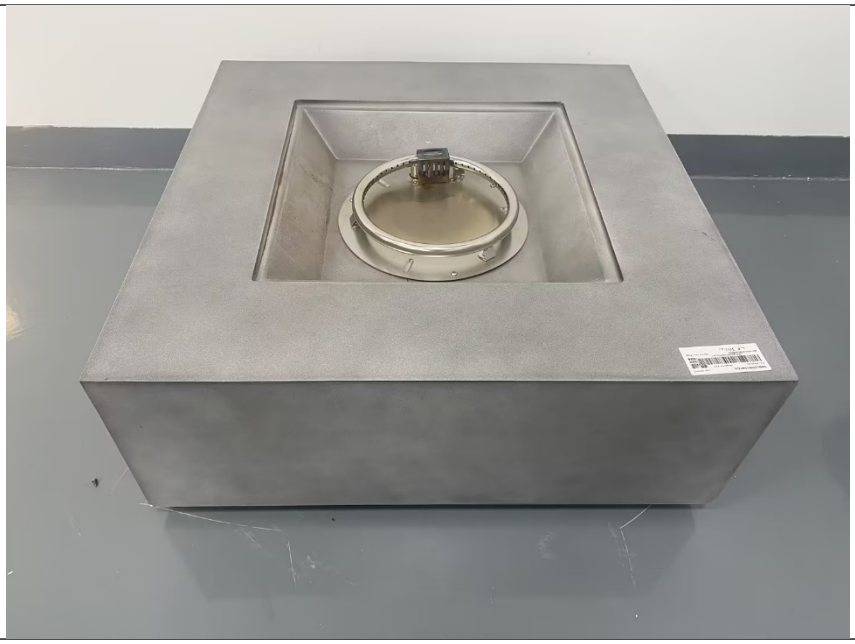
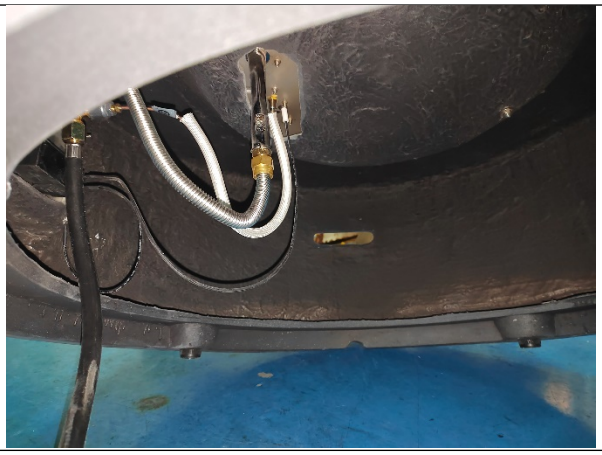


Photo 25 Total view of model GF3011-21



Photo 26 Total view of model GF4222-23

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Photo 27 Total view of model GF3252-25	**Photo 28** Bottom view of model GF3252-25
	
Photo 29 Total view of model GF4219-23	**Photo 30** Bottom view of model GF4219-23

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CRITICAL COMPONENTS

The following components are considered “critical” in terms of this certification and must be verified during factory inspections. No substitutions or alternate components are allowed unless specifically as stated in this report.

Photo No.	Item No.	Component name	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity
5	1	Ignition device	Dongguan Rui Chang	RD-X102	2 terminals	ANSI Z21.92/CSA 6.29	cCSAus
				RD-X202			cCSAus
			Anhui Hefei Xinda	DHLG-12			cCSAus
5	2	Gas control valve	Hangzhou Zhenda	QZKCS90A	Manually operated burner valve with manual reset thermoelectric safety shutoff device	ANSI Z21.15/CSA 9.1	cCSAus
5	3	Hose Assemblies	Various	Various	5/16” certified hose Outlet pressure of certified regulator set at 11” (2.74 kPa) Certified QCC cylinder connection device	CAN/CGA-8.1-M86 & CAN/CGA-8.3-M77 & UL 569	cCSAus
24	4	QDD	Hangzhou Zhenda	QDD38	3/8”	ANSI Z21.41/CSA6.9	cCSAus
24	5	Gas Hose for piping system	Hangzhou Zhenda	DE01	3/8”	ANSI Z21.54/CSA 8.4	cCSAus

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ANNUAL RE-TESTING OF UNLISTED COMPONENTS

No Unlisted components are used in this report.

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MARKINGS

The following markings are required:

Xiamen Rikai Industry and Trade Co., Ltd.
3# Plant 4/F, No. 380 Yuelong Road, Tong'an District, Xiamen

Item Number:
Model No. :
Serial No. :
Date Code:

Type of gas: Propane
Normal Hourly Input: 50,000BTU/hr (14.65kW)
Manifold pressure: 11 inch w.c. (2.74 kPa)
For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors.
The gas supply must be turned off at the LP-gas supply cylinder when this appliance is not in use.
Minimum Clearance From Unit To Combustible Construction: 72" (182.9cm); from the top, 48" (121.9cm) from all sides and back.
CAUTION: The gas pressure regulator provided with this appliance must be used.
This regulator is set for an outlet pressure of 11 inches water column.

801172

WARNING:
Do not store or use gasoline, or other flammable vapors and liquids, in the vicinity of this or any other appliance.
An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

Complies with ANS Z21.97-2017 • CSA 2.41-2017, Outdoor Decorative Gas Appliances.
Cover must be removed when burenr is in operation.
Removal of this marking will voild compliances with standard ANS Z21.97 • CSA 2.41-2017.

WARNING:
Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life.
Refer to the owner's information manual provided with this appliance.
Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

The instruction manual contains important information necessary for the proper assembly and safe use of the appliance.
Read and follow all warnings and instructions before assembling and using the appliance.
Follow all warnings and instructions when using the appliance.
If instructions or parts are missing, contact RiKai - 0086 - 592 -7250858

DANGER



CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor .

Using it in an enclosed space can kill you.

Never use this appliance in an enclosed space such as a camper, tent, car or home.

Marking 1-Nameplate-English

Xiamen Rikai Industry and Trade Co., Ltd.
3# Plant 4/F, No. 380 Yuelong Road, Tong'an District, Xiamen

Numéro de produit:
N° de modèle:
N° de série:
Code dateur:

Type de gaz: Propane
Débit calorifique normal par heure: 50,000BTU/h (14.65kW)
Pression d'admission: 11 pouces CE. (2.74 kPa)
Utiliser à l'extérieur uniquement. Pour entreposer à l'intérieur, détacher la bouteille et la laisser 'à l'extérieur. 'Il faut fermer le robinet de gaz sur la bouteille de GPL lorsque l'appareil n'est pas utilisé
Dégagement minimal de l'unité à une construction combustible: 72 po (189.2cm) du dessus; 48 po (121.9 cm) de tous les côtés et de l'arière.
ATTENTION: Il faut utiliser le régulateur de pression de gaz foumi avec cet appareil.
Ce régulateur est réglé pour une pression de sortie d'une colonne d'eau de 11 pouces.

801172

AVERTISSEMENT:
Ne pas entreposer ni utiliser de l'essence ni d'autres vapeurs ou liquids inflammables dans le voisinage de l'appareil, ni de tout autre appareil. Une bouteille de propane qui n'est pas raccordée en vue de son utilisation, ne doit pas être entreposée dans le voisinage de cet appareil ou de tout autre appareil.

Conforme aux normes ANS Z21.97-2017 • CSA 2.41-2017, Outdoor Decorative Gas Appliance.
Le couvercle doit être enlevé si le brûleur fonctionne. L'enlèvement de ce marquage annulera la conformité à la norme ANS Z21.97-2017 • CSA 2.41-2017. Ne pas connecter à une alimentation de gaz éloignée.

AVERTISSEMENT:
Les installations, réglages, modifications, réparations ou entretiens incorrects présentent des risques de dommages corporels ou matériels. Consultez le guide d'utillisation fourni avec cet appareil. Pour obtenir de l'aide ou plus de renseignements consultez un installateur qualifié, une agence d'entretien ou le fournisseur de gaz.

Le manuel d'utilisation contient des renseignements importants nécessaires pour l'assemblage correct et l' utillisation sécuritaire de l'apparell. Lisez et suivez toutes les mises en garde et instructions avant l'assemblage et l'utilisation de l' appareil.
Respectez toutes les mises en garde et instructions lors de l'utilisation de l'appareil.
Si les instructions ou des pièces manquent, contactez RiKai - 0086 - 592 -7250858

DANGER



DANGER DU MONOXIDE DE CARBONE

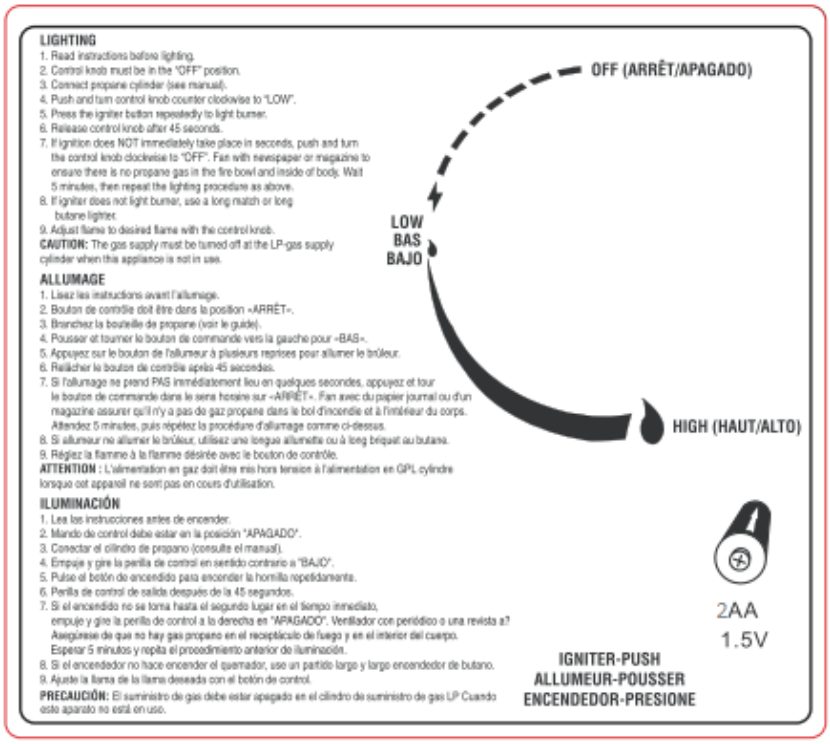
Cet appareil peut produire le monoxide de carbone, qui est inodore.

Son utilisation dans un espace clos peut entraîner la mort.

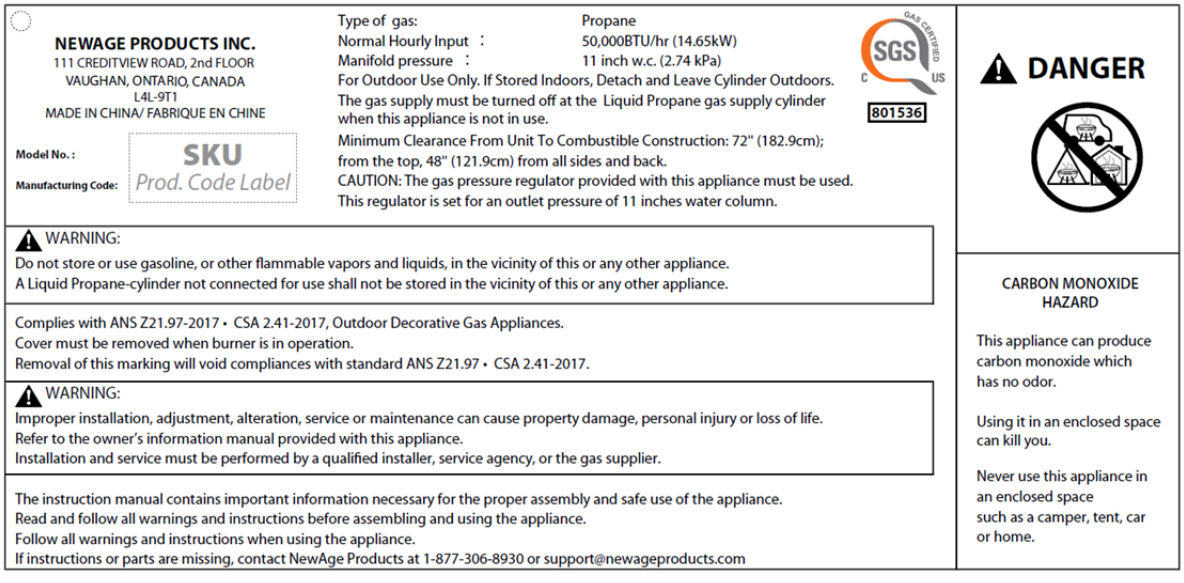
N'utilisez jamais cet appareil dans un espace clos comme une caravane, une tente ou une maison.

Marking 2-Nameplate-French

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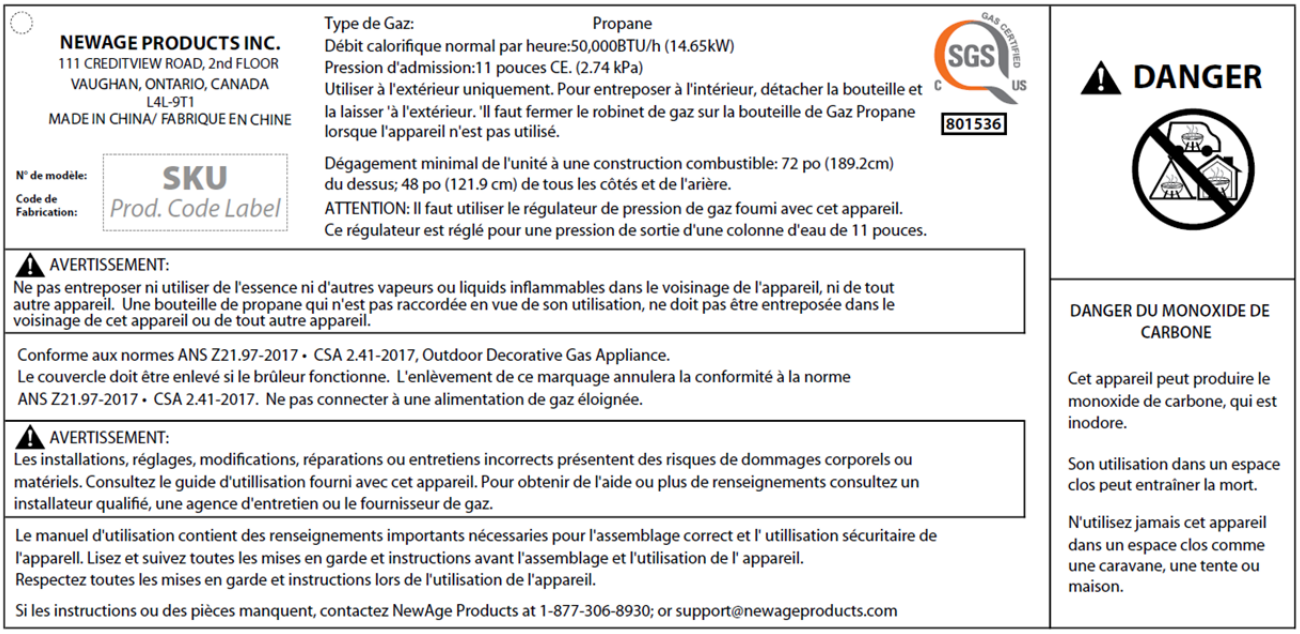


Marking 3-Lighting Marking

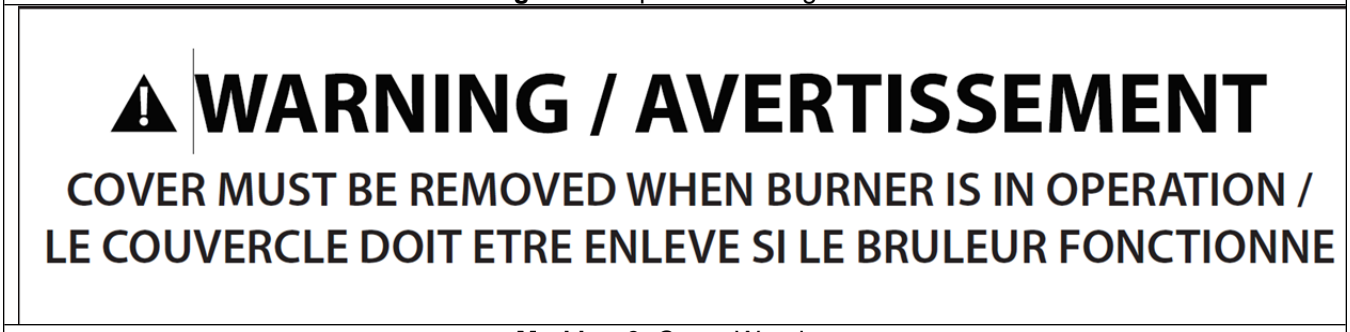


Marking 4- Nameplate of Newage English

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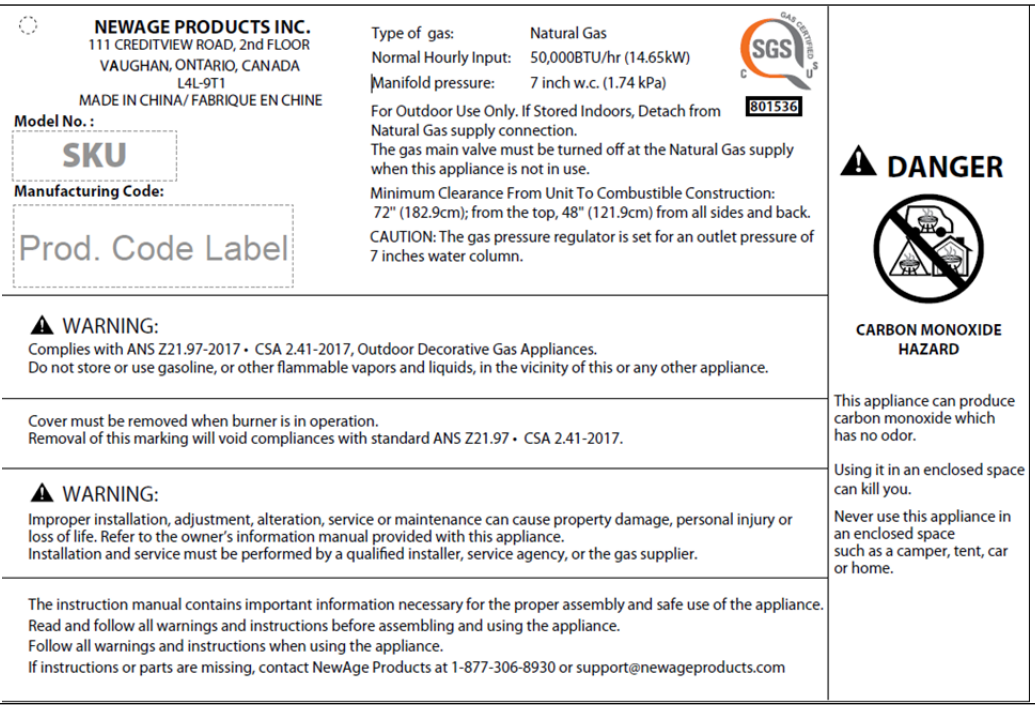


Marking 5- Nameplate of Newage French



Marking 6- Cover Warning

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Marking 7-Nameplate NG-English



Marking 8-Nameplate NG-French

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ILLUSTRATIONS

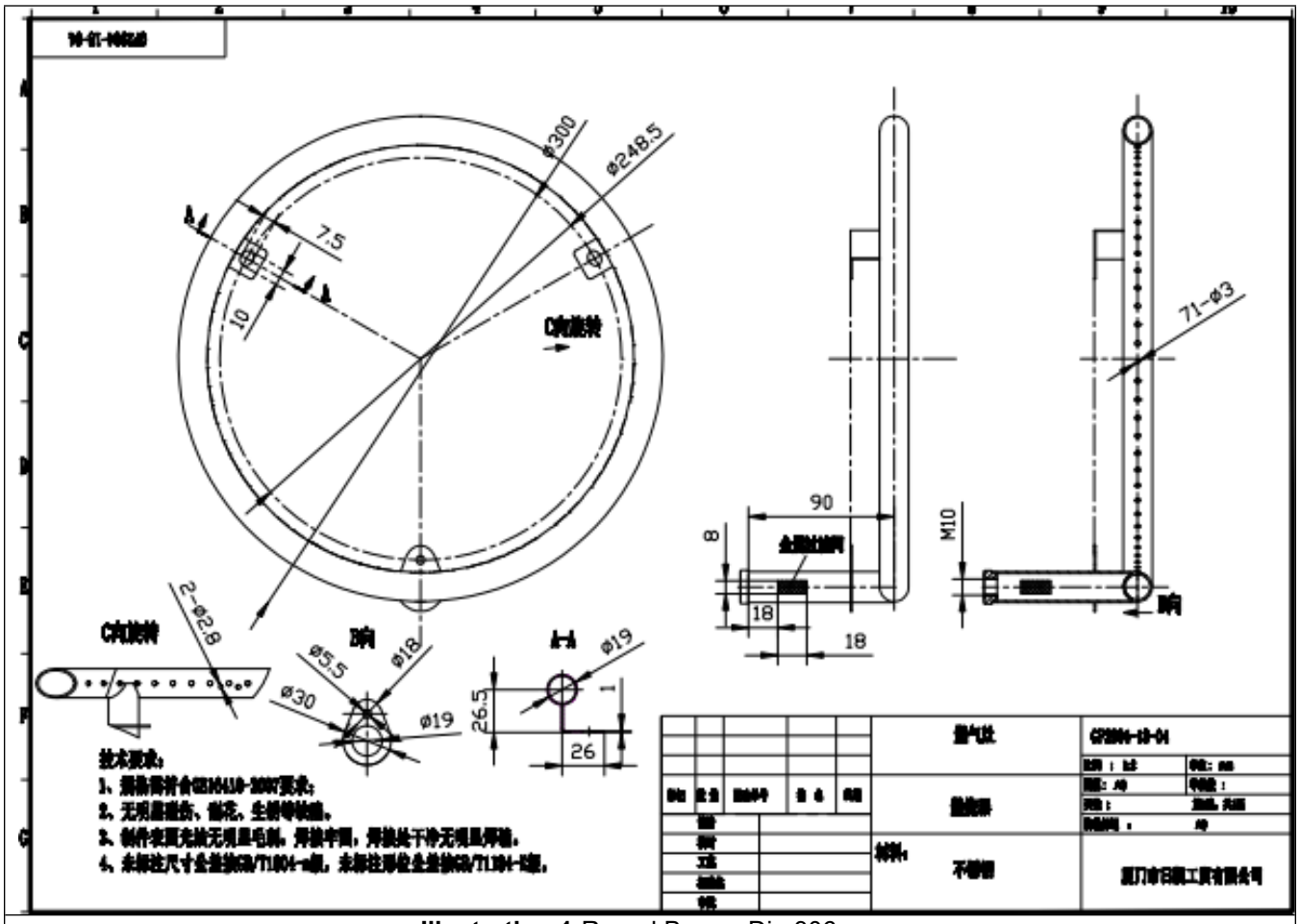


Illustration 1-Round Burner Dia 306mm

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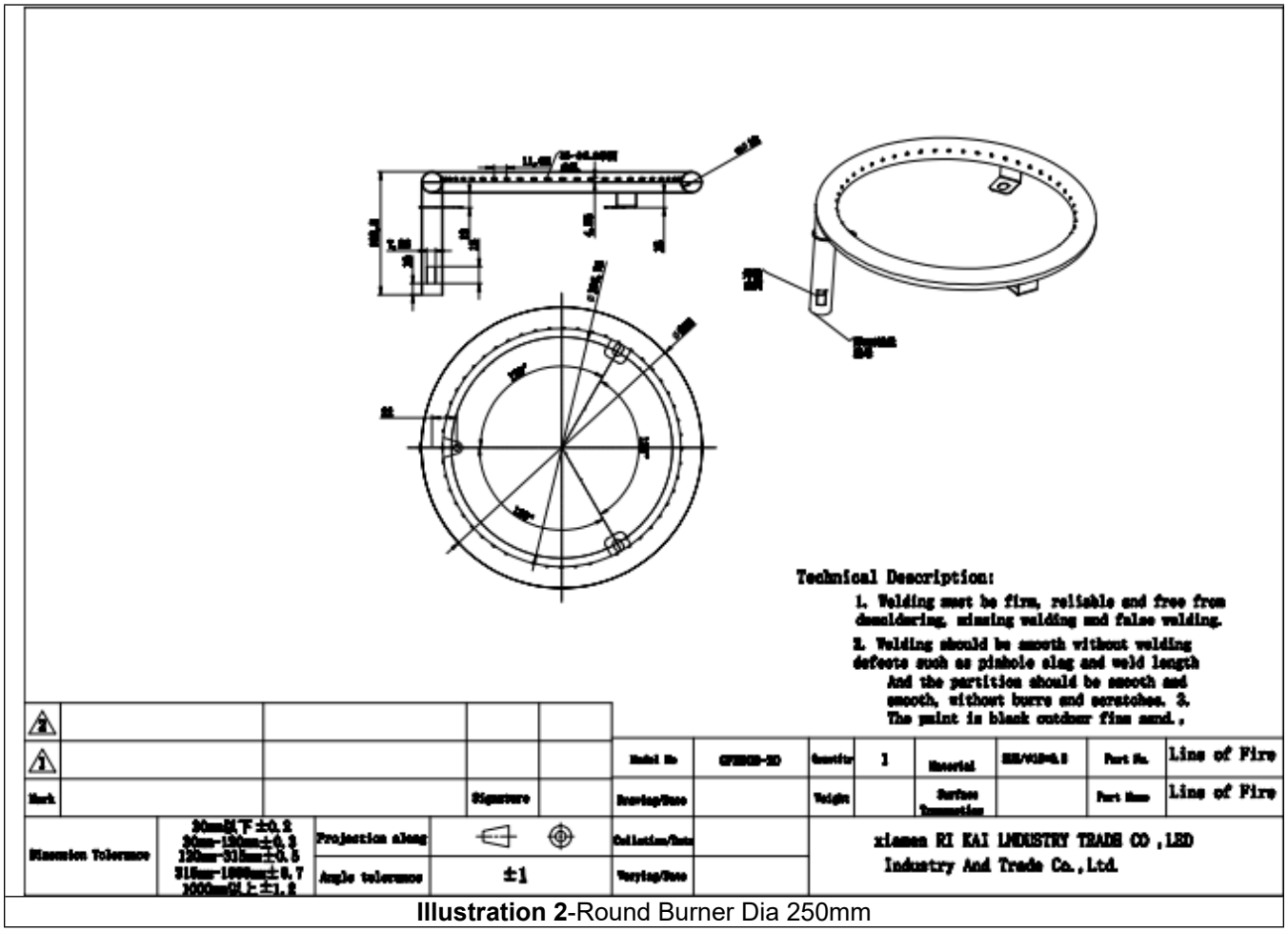


Illustration 2-Round Burner Dia 250mm

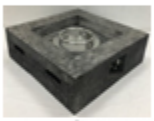
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Xiamen Rikai Industry And Trade Co., Ltd.					
50000Btu/h					
Model No.	Picture	Rate (Btu/h)	Burner type and Size	appliance size	cylinder fixing method
GF4221-19		50000BTU	Strip Burner L=550	1060*510*620	Integral
GF4224-20		50000BTU	Strip Burner L=550	1060*610*625	Integral
GF4223-20		50000BTU	Strip Burner L=550	1060*610*625	Integral
GF3010-20		50000BTU	Round Dia 306	760*760*300	Remote
GF3505-19		**50000BTU**	Round Dia 306	880*880*460	Remote
GF3003-19		**50000BTU**	Round Dia 306	760*760*625	Integral
GF3602-19		**50000BTU**	Round Dia 306	910*910*625	Integral

Page 1
Page 2

Illustration 3-Model Differences (1)

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GF5612-20		40000BTU	Round Dia 250	1420*710*300	Remote
GF2802-20		40000BTU	Round Dia 250	700*700*365	Remote
GF2805-20		40000BTU	Round Dia 250	700*700*300	Remote
GF2801-19		40000BTU	Round Dia 250	720*720*420	Remote
GF2403-20		40000BTU	Round Dia 250	610*610*360	Remote
GF1907-20		40000BTU	Round Dia 250	500*500*500	Remote

Page 1

Illustration 4-Model Differences (2)

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7	GF1906-20		40000BTU	Round Dia 250	490*490*460	Remote
8	GF4218-20		40000BTU	Round Dia 250	1070*520*380	Remote
9	GF3018-20		40000BTU	Round Dia 250	450*450*750	内置
10	GF2503-19		40000BTU	Round Dia 250	610*610*640	Integral
11	GF2903-18		40000BTU	Round Dia 250	510*510*740	Integral
12	GF2502-19		40000BTU	Round Dia 250	500*500*640	Integral

Illustration 5-Model Differences (3)

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13	GF2905-19		40000BTU	Round Dia 250	500*500*740	Integral
14	GF2501-19		40000BTU	Round Dia 250	500*500*640	Integral
15	GF2402-19		40000BTU	Round Dia 250	590*590*625	Integral
16	GF3006-19		40000BTU	Round Dia 250	760*760*720	Integral
17	GF2806-20		40000BTU	Round Dia 250	710*710*625	Integral
18	GF3008-19		40000BTU	Round Dia 250	760*760*625	Integral

Page 2

Illustration 6-Model Differences (4)

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19	GF2902-19		40000BTU	Round Dia 250	500*500*740	Integral
20	GF2904-19		40000BTU	Round Dia 250	500*500*740	Integral
21	GF3029-18		40000BTU	Round Dia 250	770*770*625	Integral
22	GF2616-20		40000BTU	Round Dia 250	415*415*660	Integral

Page 3

Illustration 7-Model Differences (5)

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No.	Model no	Picture	Nominal heat input (BTU/H)	Burner type	Product size (mm x mm x mm)	Cylinder fixing method
1	GF4201-18		50000BTU	Round burner- Dia. 306	1060*1060*300	Outer tank seat
2	GF4202-18		50000BTU	Round burner- Dia. 306	1060*300	Outer tank seat
3	GF4212-18		50000BTU	Round burner- Dia. 306	1060*400	Outer tank seat
4	GF6509-18		50000BTU	Round burner- Dia. 306	1650*1010*410	Outer tank seat
5	GF3518-18		50000BTU	Round burner- Dia. 306	880*880*320	Outer tank seat
6	GF3019-18		50000BTU	Round burner- Dia. 306	760*430	Outer tank seat
7	GF3421-18		50000BTU	Round burner- Dia. 306	860*860*420	Outer tank seat
8	GF3523-18		50000BTU	Round burner- Dia. 306	880*880*600	Inner tank seat

Illustration 8-Model Differences (6)

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GF3126-18		50000BTU	Rikund burner- Dia. 306	800*800*600	Inner tank seat
GF3127-18		50000BTU	Round burner- Dia. 306	800*600	Inner tank seat
GF3502-19		50000BTU	Round burner- Dia. 306	880*880*460	Outter tank seat
GF3501-19		50000BTU	Round burner- Dia. 306	880*880*600	Inner tank seat
GF4217-18		50000BTU	Line tube burner Length: 550	1070*520*380	Outer tank seat
GF4220-18		50000BTU	Line tube burner Length: 550	1060*510*600	Inner tank seat

Illustration 9-Model Differences (7)

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GF4225-18		50000BTU	Line tube burner Length: 550	1060*510*600	Inner tank seat
GF4906-18		50000BTU	Line tube burner Length: 550	1265*810*635	Inner tank seat
GF5616-18		50000BTU	Line tube burner Length: 550	1420*610*380	Outer tank seat
GF5611-18		50000BTU	Line tube burner Length: 550	1420*710*300	Outer tank seat
GF5624-18		50000BTU	Line tube burner Length: 550	1420*710*380	Outer tank seat
GF4801-19		50000BTU	Line tube burner Length: 550	1220*510*470	Outer tank seat
GF4802-19		50000BTU	Line tube burner Length: 550	1220*510*600	Inner tank seat
GF6005-18		60000BTU	Line tube burner Length: 950	1520*610*450	Outer tank seat
GF6006-19		60000BTU	Line tube burner Length: 950	1520*610*600	Inner tank seat

Illustration 10-Model Differences (8)

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27	GF6022-18		60000BTU	Line tube burner Length: 950	1520*660*600	Inner tank seat
28	GF6028-18		60000BTU	Line tube burner Length: 950	1520*660*600	Inner tank seat
29	GF7015-18		60000BTU	Line tube burner Length: 950	1780*610*600	Inner tank seat

Illustration 11-Model Differences (9)

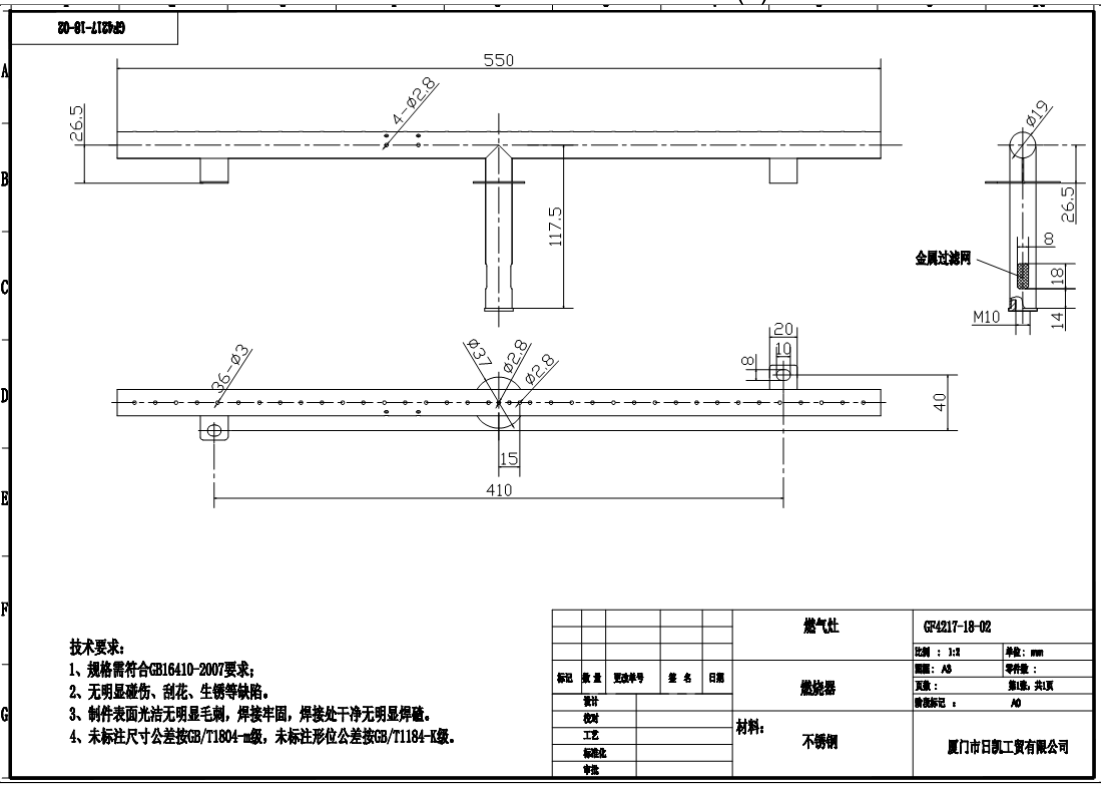
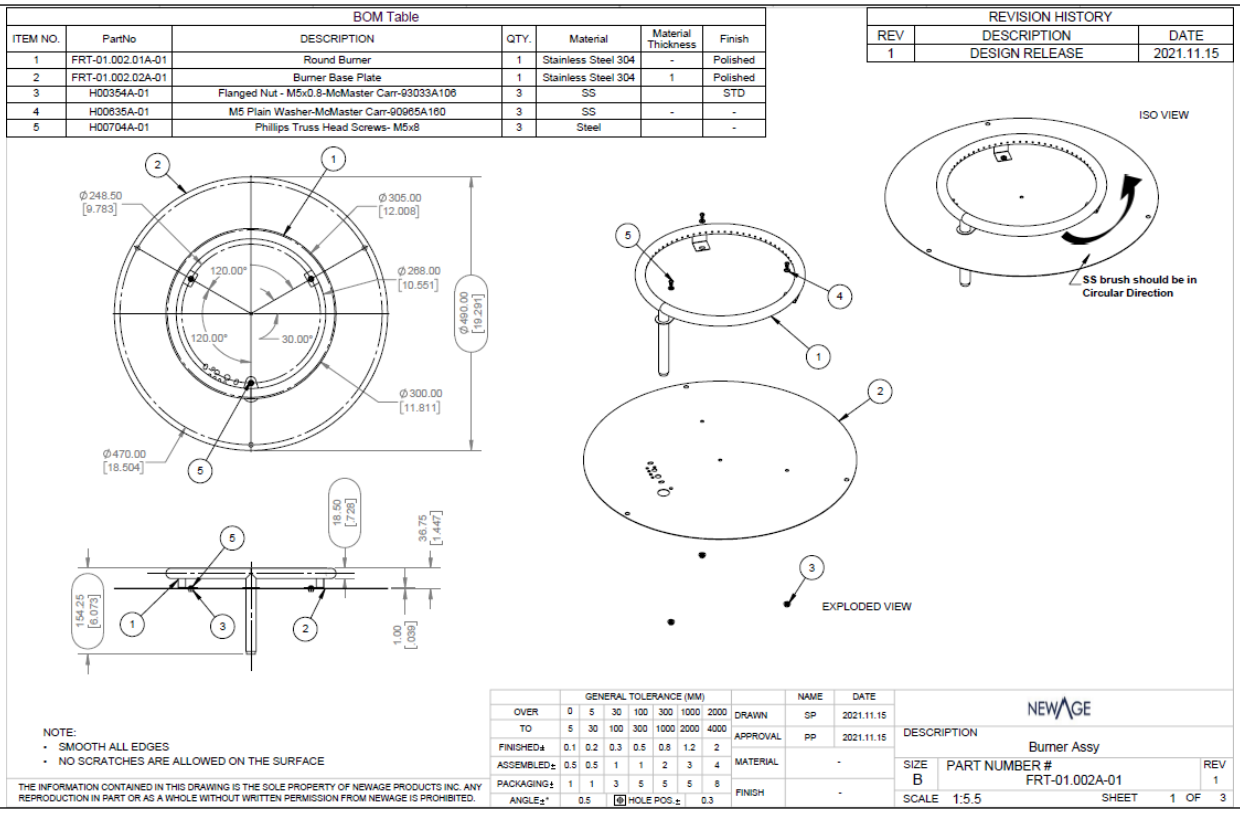


Illustration 12-Strip Burner Strip Burner L=550mm

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BOM Table

ITEM NO.	PartNo	DESCRIPTION	QTY.	Material	Material Thickness	Finish
1	FRT-01.002.01A-01	Round Burner	1	Stainless Steel 304	-	Polished
2	FRT-01.002.02A-01	Burner Base Plate	1	Stainless Steel 304	1	Polished
3	H00354A-01	Flanged Nut - M5x0.8-McMaster Carr-93033A106	3	SS		STD
4	H00635A-01	M5 Plain Washer-McMaster Carr-90965A160	3	SS	-	-
5	H00704A-01	Phillips Truss Head Screws- M5x8	3	Steel		-

REVISION HISTORY

REV	DESCRIPTION	DATE
1	DESIGN RELEASE	2021.11.15

NOTE:
- SMOOTH ALL EDGES
- NO SCRATCHES ARE ALLOWED ON THE SURFACE

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GENERAL TOLERANCE (MM)							
OVER	0	5	30	100	300	1000	2000
TO	5	30	100	300	1000	2000	4000
FINISHED±	0.1	0.2	0.3	0.5	0.8	1.2	2
ASSEMBLED±	0.5	0.5	1	1	2	3	4
PACKAGING±	1	1	3	5	5	5	8
ANGLE± °	0.5			⌖ HOLE POS. ±	0.3		

	NAME	DATE
DRAWN	SP	2021.11.15
APPROVAL	PP	2021.11.15
MATERIAL	-	
FINISH	-	

NEWAGE

DESCRIPTION: Burner Assy

SIZE B | PART NUMBER # FRT-01.002A-01 | REV 1

SCALE 1:5.5 SHEET 1 OF 3

Illustration 13- Optional Burner for models GF4201-18 and GF4202-18

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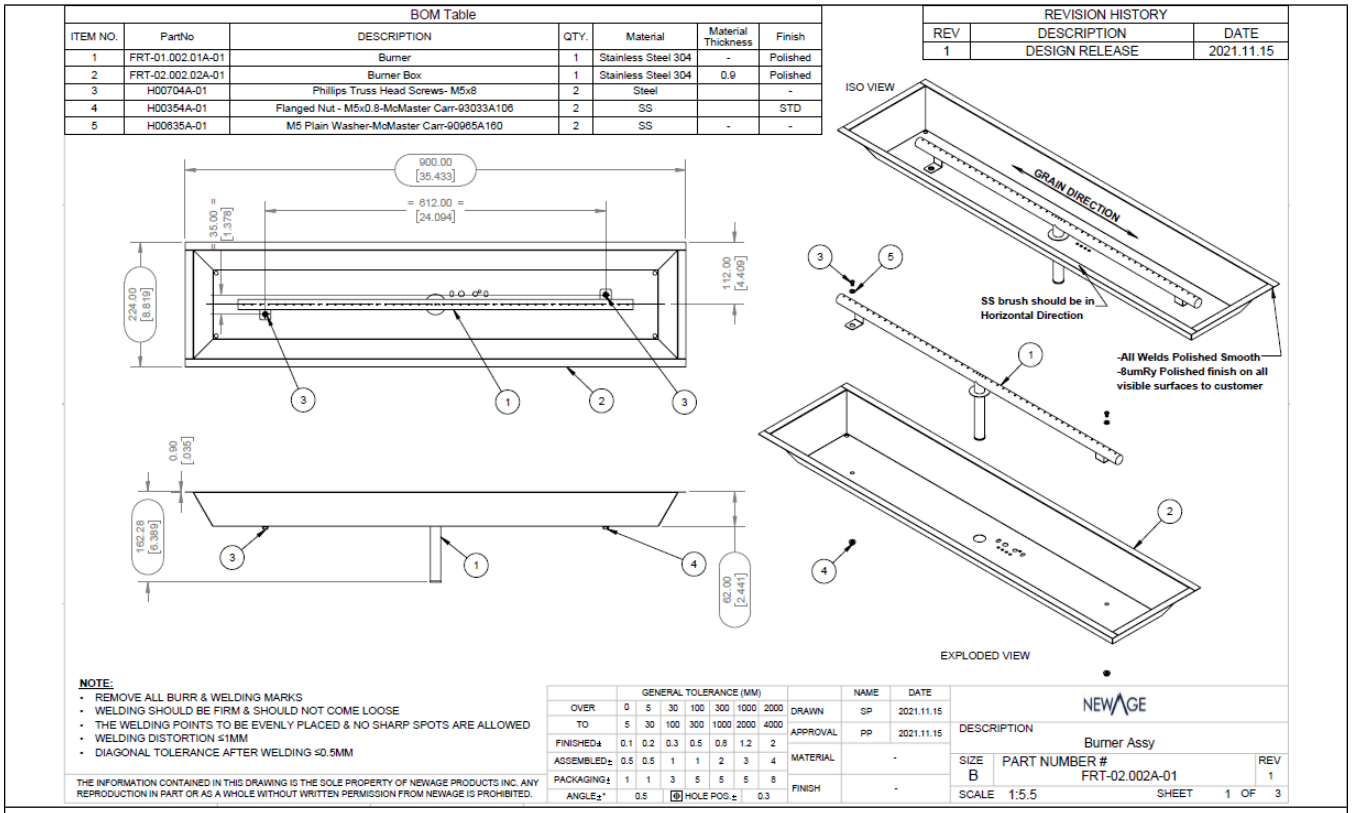


Illustration 14- Optional Burner for model GF5611-18

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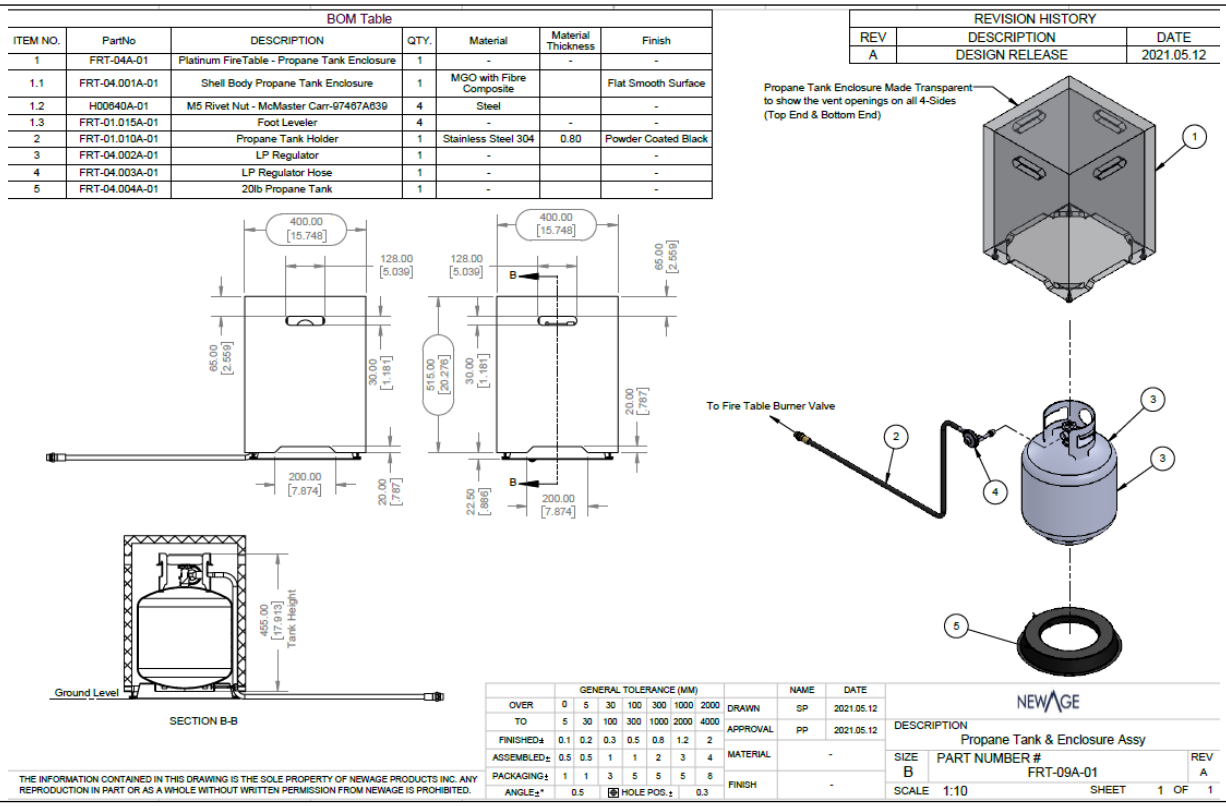


Illustration 15-Optional Tank enclosure for models GF4201-18, GF4202-18 and GF5611-18.

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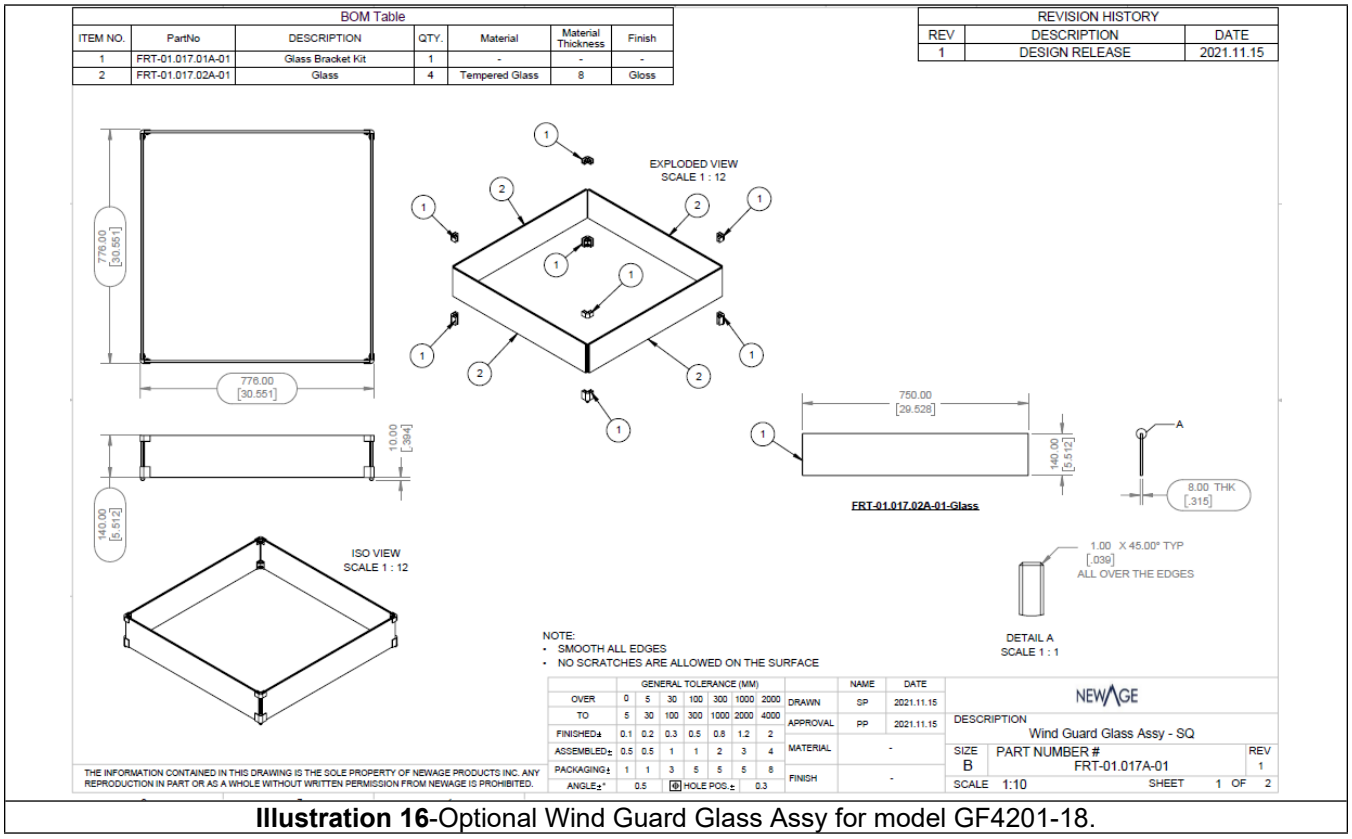


Illustration 16-Optional Wind Guard Glass Assy for model GF4201-18.

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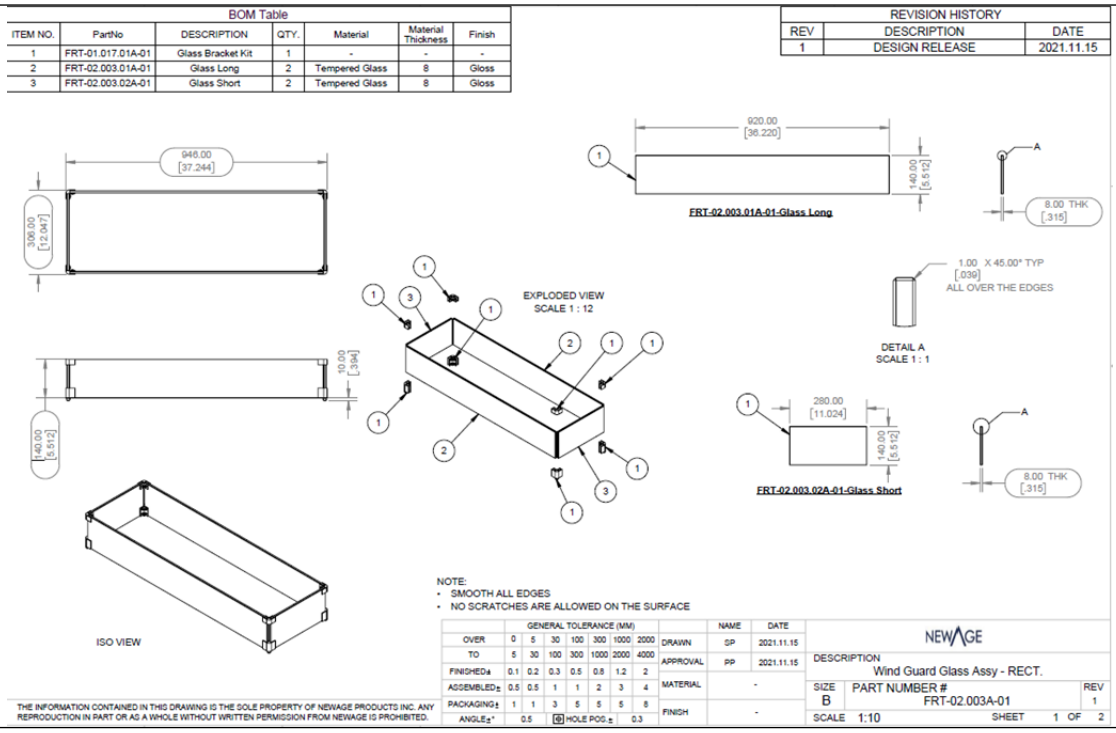


Illustration 17-Optional Wind Guard Glass Assy for model GF5611-18.

BTU	货号	产品图片	功率	炉头形状及尺寸	产品形状和尺寸	气瓶固定方式	点火方式	是否有长明火
40000系列	GF3116-22		40000BTU	圆形直径250	420*420*790	内置	脉冲	无
	GF3224-22		40000BTU	圆形直径250	810*635*635	内置	脉冲	无
	GF4222-23		40000BTU	圆形直径250	1060*510*600	内置	脉冲	无
	GF3024-22		40000BTU	圆形直径250	760*760*635	内置	脉冲	无
	GF3525-22		40000BTU	圆形直径250	900*900*450	外置	脉冲	无

Illustration 18-Model Differences (10)

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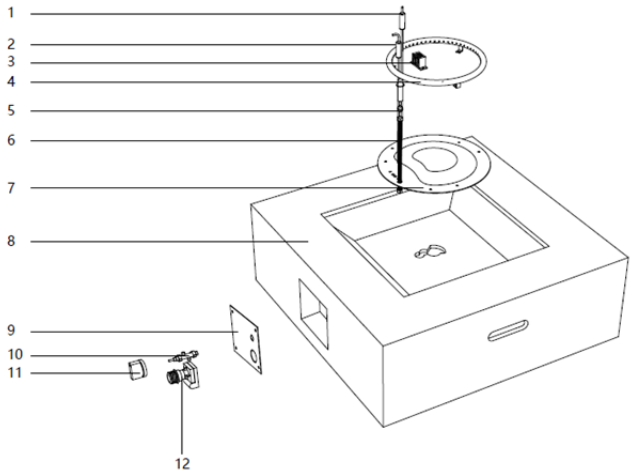
50000系列	GF4720-22		50000BTU	一字火排L=550	1190*510*635	内置	脉冲	无
	GF4724-22		50000BTU	一字火排L=550	1190*610*635	内置	脉冲	无
	GF4020-22		50000BTU	一字火排L=550	1000*510*635	内置	脉冲	无
	GF5027-22		50000BTU	一字火排L=550	1270*680*350	外置	脉冲	无
	GF3414-22		50000BTU	圆形火排直径306	860*860*350	外置	脉冲	无
	GF5025-22		50000BTU	一字火排L=550	1270*635*350	外置	脉冲	无

Illustration 19-Model Differences (11)

50000系列								
	GF4820-22		50000BTU	一字火排L=550	1220*510*350	外置	脉冲	无
	GF3251-22		50000BTU	圆形火排直径306	810*810*360	外置	脉冲	无
	GF5026-22		50000BTU	一字火排L=550	1270*630*360	外置	脉冲	无
	GF3517-22		50000BTU	圆形火排直径306	880*880*450	外置	脉冲	无
	GF3524-22		50000BTU	圆形火排直径306	880*880*610	内置	脉冲	无
	GF4907-22		50000BTU	一字火排L=550	1270*810*750	内置	脉冲	无

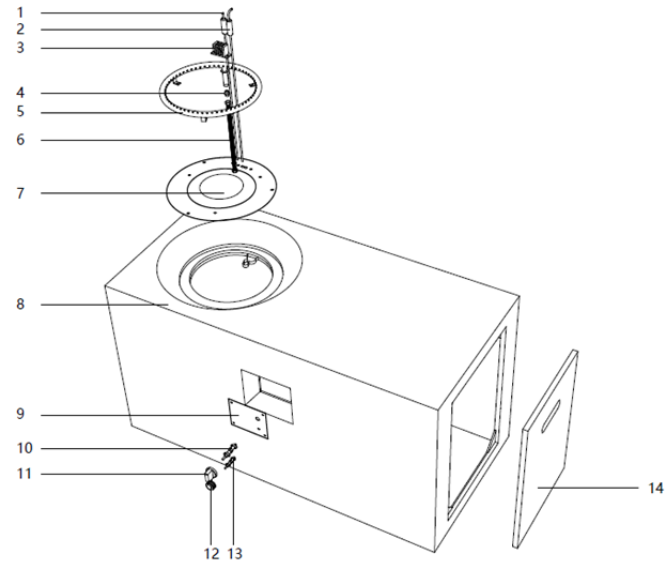
Illustration 20-Model Differences (12)

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序号	名称	数量
1	热电偶	1
2	点火针	1
3	点火针保护盒	1
4	喷嘴	1
5	燃烧器	1
6	波纹管	1
7	燃烧器固定板	1
8	外壳	1
9	标牌	1
10	阀体	1
11	旋钮	1
12	脉冲	1

Illustration 21-Explode drawing of model GF3011-21



序号	名称	数量
1	点火针	1
2	热电偶	1
3	点火针保护盒	1
4	喷嘴	1
5	燃烧器	1
6	波纹管	1
7	燃烧器固定板	1
8	外壳	1
9	标牌	1
10	阀体	1
11	旋钮	1
12	旋钮	1
13	脉冲	1
14	门板	1

Illustration 22-Explode drawing of model GF4222-23

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	GF2809-21		40000BTU	圆形直径250	700*700*370	外置	脉冲	无
	GF3011-21		40000BTU	圆形直径250	760*760*300	内置	脉冲	无
	GF2201-21		40000BTU	圆形直径250	550*550*740	内置	脉冲	无
	GF2807-20		40000BTU	圆形直径250	700*700*220	外置	脉冲	无
	GF5501-21		40000BTU	圆形直径250	1400*760*370	外置	脉冲	无
	GF6008-21		40000BTU	圆形直径250	1530*870*350	外置	脉冲	无
	GF4803-20		50000BTU	一字火排L=550	1220*685*300	外支架固定	脉冲	无

Illustration 23-Model Differences (13)

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增加序号	货号	产品图片	功率	炉头形状及尺寸	产品形状和尺寸	气瓶固定方式	点火方式	是否有长明火
1	GF3004-24		50000BTU	圆形火排直径306	760*700*365	外置	脉冲	无
2	GF2811-24		50000BTU	圆形火排直径306	700*700*300	外置	脉冲	无
3	GF3434-24		50000BTU	圆形火排直径306	865*865*300	外置	脉冲	无
4	GF2812-24		50000BTU	圆形火排直径306	700*700*300	外置	脉冲	无
5	GF3103-23		50000BTU	圆形火排直径306	800*800*360	外置	脉冲	无
6	GF3251-25		50000BTU	圆形火排直径306	825*825*325	外置	脉冲	无
7	GF3252-25		50000BTU	圆形火排直径306	825*825*325	外置	脉冲	无

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Illustration 24-Model Differences (14)

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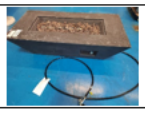
8	GF3253-25		50000BTU	圆形火排直径306	825*825*300	外置	脉冲	无
9	GF3201-26		50000BTU	圆形火排直径306	810*810*360			
10	GF3202-26		50000BTU	圆形火排直径306	810*810*360			
11	GF3902-25		50000BTU	圆形火排直径306	1010*1010*355	外置	脉冲	无
12	GF4219-23		50000BTU	火排一字形长550	1070*515*335	外置	脉冲	无
13	GF4214-23		50000BTU	火排一字形长550	1065*430*360	外置	脉冲	无
14	GF4216-23		50000BTU	火排一字形长550	1065*430*350	外置	脉冲	无

Illustration 25-Model Differences (15)

15	GF5628-24		50000BTU	火排一字形长550	1420*700*280	外置	脉冲	无
16	GF5606-24		50000BTU	火排一字形长550	1420*670*345	外置	脉冲	无
17	GF5626-24		50000BTU	火排一字形长550	1420*670*345	外置	脉冲	无
18	GF5646-24		50000BTU	火排一字形长550	1420*670*355	外置	脉冲	无
19	GF5601-26		50000BTU	火排一字形长550	1420*670*360			

Illustration 26-Model Differences (16)

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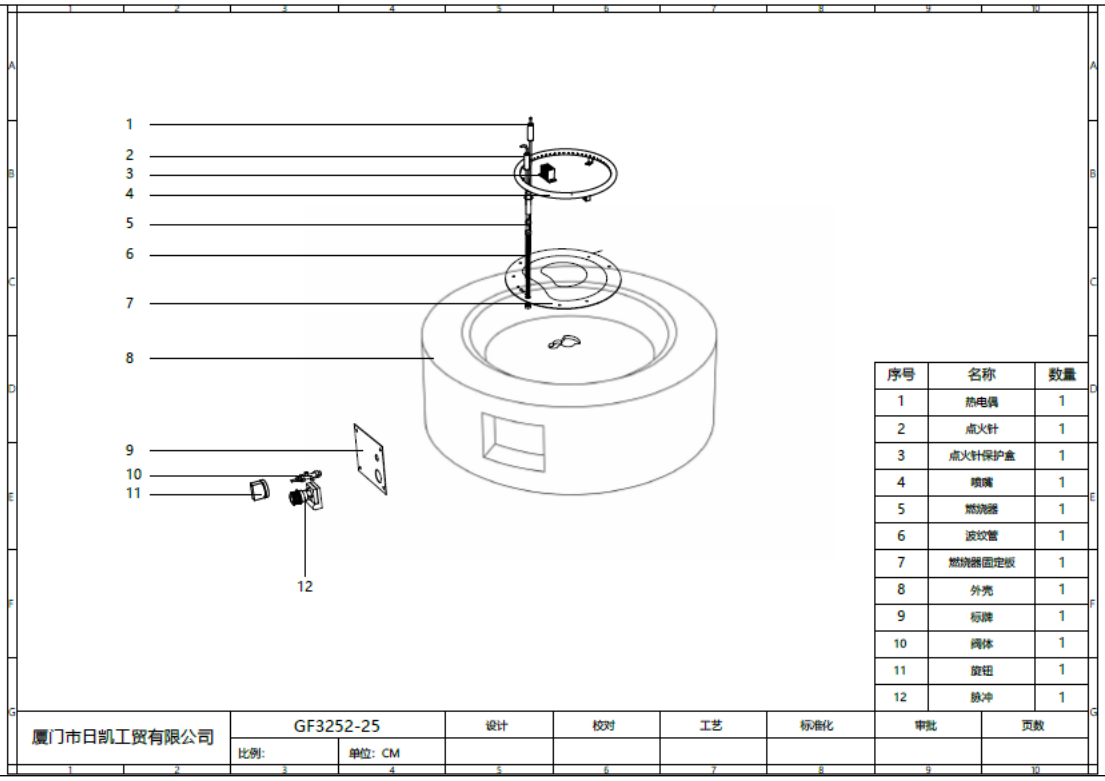


Illustration 27-Explode drawing of model GF3252-25

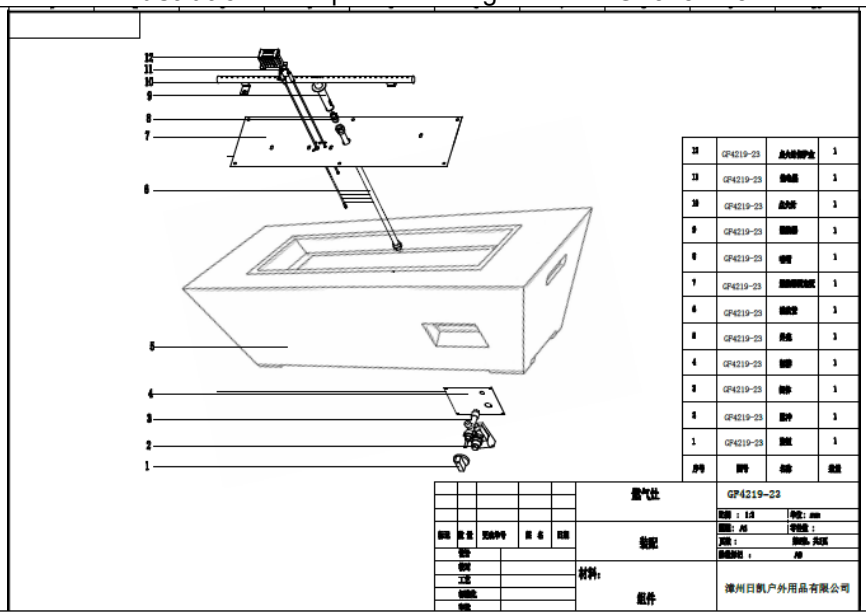


Illustration 28-Explode drawing of model GF4219-23

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SUMMARY OF TEST RESULTS

Project SDHL2101000131PC

Due to the previous testing performed under IAPMO Certificate M-12012 Rev Nov 1 2019, Report SDHL1904004947GA issued Jul 3 2019, only the following testing were performed:

ANSI Z21.97/CSA 2.41-2017

Section	Test Description
5.3.5	Input rate
5.4	Combustion
5.5	Burner Operating Characteristics
5.8	Direct ignition systems
5.9	Manual ignition systems
5.15	Wall, floor, and ceiling temperatures
5.16	Rain test
5.17	Wind test
5.18	Burner durability
5.21	Appliance structure

Results of the tests indicate the specimens conform to the test criteria that were found to be applicable.

Project SDHL2109017207GA

Due to the previous testing performed under Report SDHL2101000131PC 10 Mar 2021, only the following testing were performed:

ANSI Z21.97/CSA 2.41-2017

Section	Test Description
5.3.5	Input rate
5.4	Combustion
5.5	Burner Operating Characteristics
5.18	Burner durability
5.19	Glass panels
5.20	Glass fronts

Results of the tests indicate the specimens conform to the test criteria that were found to be applicable.

Project SDHL 2112023686GA

Due to the previous testing performed under Report SDHL2101000131PC-001 7 Feb 2022, only the following testing were performed:

ANSI Z21.97/CSA 2.41-2017

Section	Test Description
5.3.5	Input rate
5.4	Combustion

Results of the tests indicate the specimens conform to the test criteria that were found to be applicable.

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Project SDHL2203004023GA
Due to the previous testing performed under Report SDHL2101000131PC-002 25 Feb 2022, only the following testing were performed:

ANSI Z21.97/CSA 2.41-2017

Section	Test Description
5.3.5	Input rate
5.4	Combustion
5.5	Burner Operating Characteristics

Project SDHL2308014566GA
Due to the previous testing performed under Report SDHL2101000131PC-003, 12 May 2022 only the following testing were performed:

ANSI Z21.97/CSA 2.41-2017

Section	Test Description
5.3.5	Input rate
5.4	Combustion
5.15	Wall, floor, and ceiling temperatures

Project SDHL2601001554GA
Due to the previous testing performed under above Report, only the following testing were performed:

ANSI Z21.97/CSA 2.41-2017

Section	Test Description
5.3.5	Input rate
5.4	Combustion
5.5	Burner Operating Characteristics
5.9	Manual ignition systems
5.15	Wall, floor, and ceiling temperatures
5.16	Rain test

Results of the tests indicate the specimens conform to the test criteria that were found to be applicable.

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REVISION TABLE

The following changes have been made to this Report:

Revision No	Date	Project #	Revision prepared by	Page	Description of Change
-	7 Feb 2022	SDHL2109017207GA	M.Zhan	3	Added CO-LISTING APPLICANT I
				17-18	Added photos 20-22.
				23-24	Added markings 4-6.
				36-40	Added illustrations 36-40.
				41	Added test summary for project SDHL2109017207GA.
-	25 Feb 2022	SDHL 2112023686GA	M.Zhan	2	Added statement" Models GF4201-18, GF4202-18, GF5611-18 use both lava stones & fire glass. Other models use lava stones only." On model differences section.
				19	Added photo 23.
				41	Added test summary for project SDHL 2112023686GA.
-	12 May 2022	SDHL 2203004023GA	M.Zhan	2	Added models GF4201-22, GF4202-22, GF5611-22.
				3	Added basic models GF4201-22, GF4202-22, GF5611-22, and Co-listed models 6807X, 6808X, 6809X.
				20	Added photo 24.
				21	Added items 4-5.
				26	Added Markings 7-8.
				44	Added test summary for project SDHL2203004023GA.
-	12 Oct 2023	SDHL 2308014566GA	M.Zhan	1	Changed manufacturer name from"Xiamen Rikai Industry And Trade Co., Ltd" to "Zhangzhou Rikai Outdoor Products Co., LTD" and address from " 3#Plant 4/F, No.380 Yuelong Road, Tong'an District, Xiamen, Fujian, China" to "No.15-34, Wushiyang, Qiaomei Village, Fangyang Town, Changtai District,Zhangzhou City 363900 China
				2	Added new models GF3116-22, GF3224-22, GF4222-23, GF3024-22, GF3525-22, GF4720-22, GF4724-22, GF4020-22, GF5027-22, GF3414-22, GF5025-22, GF4820-22, GF3251-22, GF5026-22, GF3517-22, GF3524-22, GF4907-22, GF2809-21, GF3011-21, GF2201-21， GF2807-20, GF5501-21, GF6008-21, GF4803-20.

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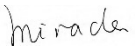
				21, 22	Added photos 25,26.
				43-46	Added Illustrations 18-23.
				48	Added test summary for project SDHL2308014566GA.
01	2 Mar 2026	SDHL2601001554GA	M.Zhan	2	Added new models GF3004-24, GF2811-24, GF3434-24, GF2812-24, GF3103-23, GF3251-25, GF3252-25，GF3253-25，GF3201-26，GF3202-26，GF3902-25，GF4219-23，GF4214-23，GF4216-23，GF5628-24，GF5606-24，GF5626-24，GF5646-24，GF5601-26
				23	Added photos 27-30.
				24	Added Anhui Hefei Xinda DHLG-12 on item 1.
				49-51	Added Illustrations 24-28.
				53	Added test summary for project SDHL2601001554GA.

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CONCLUSION

Samples of the products covered by this Report have been found to comply with the applicable requirements of Outdoor decorative gas appliances, ANSI Z21.97/ CSA 2.41-2017, third edition.

Report Prepared by:



Miracle Zhan
Evaluator

Report Reviewed by:



Sky Yu
Certification Reviewer

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