

1.0 Reference and Address			
Report Number	171017110GZU-001	Original Issued: 22-Dec-2017	Revised: 13-Nov-2023
Standard(s)	Outdoor Decorative Gas Appliances [ANSI Z21.97:2017 Ed.3]		
	Outdoor Decorative Gas Appliances [CSA 2.41:2017 Ed.3]		
Applicant	Xiamen Aisheng Industry&Trade CO.,Ltd	Manufacturer	Xiamen Aisheng Industry&Trade CO.,Ltd
Address	NO.2 Mei Yun Road, Lianhua Town, Tong'an District, XIAMEN CITY Fujian	Address	NO.2 Mei Yun Road, Lianhua Town, Tong'an District, XIAMEN CITY Fujian
Country	China	Country	China
Contact	Wang Zhuo	Contact	Wang Zhuo
Phone	18950019365	Phone	18950019365
FAX	NA	FAX	NA
Email	Wz@xmaisheng.com	Email	Wz@xmaisheng.com

2.0 Product Description	
Product	Outdoor Gas Fireplace
Brand name	NA
Description	<p>These appliances covered by this report are outdoor gas fireplace for outdoor use only.</p> <p>The gas controls are all mounted into the control panel of the appliance. A manually operated valve with manual reset thermoelectric safety shutoff valve is fitted to the appliance. It automatically acts to shut off the gas supply when the supervised main burner flame is not proved. A Press type piezo electric spark ignition generator is built in the valve to light main burner.</p> <p>The combustion compartment consists of only one round stainless steel burner. All models are the same burner. Beading media are supplied with the fireplace as the burner media.</p> <p>Installation of these appliances must conform with local codes, or in absence of local codes, to the National Fuel Gas Code, ANSI Z223.1/NFPA 54, Natural Gas and Propane Installation Code, CSA B149.1, or Propane Storage and Handling Code, B149.2.</p>
Models	<p>HF29301AA, HF28501AA, HF20503AA, HF29402AA, HF29403AA, HF29410AA, HF42506AA, HF29308AA, HF30501AA, HF35401AA, HF36401AA, HF35504AA, HF42501AA, HF35502AA, HF30502AA, HF20504AA, HF24411AA, HF30504AA, HF29404AA, HF34501AA, HF24501BB, HF29504AA, HF32502AA, HF38510AA, HF32501AA, HF29159AA, HF32502BB, HF33501AA, HF32501BB, HF38502AA, HF29407AA, HF35503AA, HF24412AA, HF20502AA, HF24413AA, HF20507AA, HF24415AA, HF20506AA, HF42413AA, T50501AA, HF35501AA, HF24414AA, HF42411AA, HF30503AA, HF29601BA, HF35505AA, HF09501AA, HF18301AA, HF42409AA, HF42408AA, HF38501AA, HF11501AA, HF18501AA, HF38502AA, HF29702AA, HF65502AA, HF34502AA, HF24601AA, HF29601AA, HF24511AA, HF24608AA, HF42411BA, T50501BA, HF24413BA, HF24412BA, HF38510BA, HF24501BA, HF34501BA, HF37501AAAA, HF24411BA, HF35502BA, HF42501BA, HF36402AA, HF38501BA, HF42506BA, HF35506AA, HF24609AA, HF36403AA, HF46601AA, HF42602AA, HF24410BA, HF30501AA-W, HF30502AA-W, HF30503AA-W, HF30504AA-W; HF11801AA, HF11802AA, HF36501AA, HF38501BA, HF38502BA, HF42412AA, HF42413BA, FH42504AA, HF65501AA, HF65501AA-W, HF31188AA, HF31189AA, HF42411CA, HF42506CA, HF24411CA; HF42502AA, HF42503AA, HF38502CA, HF11801CA, HF16411AA, HF65501AA, HF60602AA, HF56501AA, HF56502AA, HF56503AA, HF56504AA, HF56505AA, HF56506AA, HF60501AA, HF60601AA, HF72501AA</p> <p>HF28192, HF45701, HF26182, HF30808, HF30178, HF26708, HF24900, HF28190, HF28191, HF23810, HF30806, HF30807, HF36177, HF26900, HF23900, HF31188, HF28177, HF23610, HF31702AA, HF46190, HF48708, HF42603, HF42704, HF42181, HF54707, HF42182, HF31189, HF40908, HF42708, HF48718, HF56502, HF32818, HF19000AA, HF24608, HF30208AA, HF28209AA, HF44208AA, HF44209AA, HF32601AA, HF30171AA, HF23208AA, HF30914AA, HF30913AA, HF42801AA, HF42191, HF42192, HF28199AA, GSF-DGH, GSF-DGHSS, GS-F-PC, GS-F-PCSS, GSF-PR-PC, HF28201, HF30200, HF30181, HF30900, HF29181AA, HF35181AA, HF35209AA, HF30209AA, HF30201AA, SH19181AA, HF441191, HF301192, HF281193, HF281195, HF281196, HF281198, HF23810AA, HF32210AA, HF44210AA, HF52210, HF60180, HF60182, HF30990, HF30991, 9001, 9002, 9003, HF34181-R</p>

2.0 Product Description	
Model Similarity	<p>40000Btu/h models:</p> <p>Group 1: Model HF29301AA, HF28501AA, F20503AA, HF29402AA, HF29403AA, HF29410AA, HF42506AA, HF29308AA, HF30501AA, HF35401AA, HF36401AA, HF35504AA, HF42501AA, HF35502AA, HF30502AA, HF20504AA, HF24411AA, HF30504AA, HF29404AA, HF34501AA, HF24501BB, HF29504AA, HF32502AA, HF38510AA, HF32501AA, HF29159AA, HF32502BB, HF33501AA, HF32501BB, HF38502AA, HF29407AA, HF35503AA, HF24412AA, HF20502AA, HF24413AA, HF20507AA, HF24415AA, HF29702AA, HF20506AA, HF42413AA, T50501AA, HF35501AA, HF24414AA, HF42411AA, HF30503AA, HF29601BA, HF35505AA, HF28192, HF45701, HF26182, HF30808, HF30178, HF24608, HF26708, HF24900, HF28190, HF28191, HF31702AA, HF46190, HF32818, HF30208AA, HF28209AA, HF32601AA, HF30914AA, HF30913AA, HF28199AA, GSF-DGH, GSF-DGHSS, GS-F-PC, GS-F-PCSS, GSF-PR-PC, HF28201, HF30200, HF30181, HF30900, HF29181AA, HF30209AA, HF30201AA with cylinder intergral in the cylinder compartment. Under the combustion compartment is the self-contained LPG gas supply system compartment, which has retention means to limit the movement of the 20lb propane cylinder. With 4 ventilation opening in upper lever total space more than 20inch<sup>2</sup>, with ventilation opengings at floor lever total space more than 10inch<sup>2</sup>. the difference within these models are feature only.</p> <p>Group 2: Model HF09501AA, HF18301AA, HF42409AA, HF42408AA, HF38501AA, HF11501AA, HF18501AA, HF38502AA, HF23610, HF28177, HF31188, HF23900, HF26900, HF36177, HF30807, HF30806, HF23810, HF19000AA with cylinder postioned out. the difference within these models are feature only.</p> <p>HF23810AA is similar as HF23810 with different appearance.</p> <p>HF281193 is similar as HF28191 with different appearance.</p> <p>HF281195, HF281198 are similar as HF28199AA with different appearance.</p> <p>HF301192, HF32210AA are similar as HF30208AA with different appearance.</p> <p>HF281196 is similar as HF30807AA with different appearance.</p> <p>HF60182 is similar as HF31189AA with different appearance.</p> <p>HF34181-R is similar as HF30178 with different appearance.</p>
	<p>50000Btu/h models:</p> <p>Group 1: Model HF65502AA, HF34502AA, HF24601AA, HF29601AA, HF24511AA, HF24608AA, HF42411BA, T50501BA, HF24413BA, HF24412BA, HF38510BA, HF24501BA, HF34501BA, HF37501AA, HF24411BA, HF35502BA, HF42501BA, HF36402AA, HF38501BA, HF42506BA, HF35506AA, HF24609AA, HF36403AA, HF46601AA, HF42602AA, HF24410BA, HF30501AA-W, HF30502AA-W, HF30503AA-W, HF30504AA-W, HF11801AA, HF11802AA, HF36501AA, HF38501BA, HF38502BA, HF42412AA, HF42413BA, FH42504AA, HF65501AA, HF42603, HF42704, HF42181, HF54707, HF42182, HF48718, HF44208AA, HF44209AA, HF42191, HF42192, HF35181AA, HF35209AA with cylinder intergral in the cylinder compartment. Under the combustion compartment is the self-contained LPG gas supply system compartment, which has retention means to limit the movement of the 20lb propane cylinder. With 4 ventilation opening in upper lever total space more than 20inch<sup>2</sup>, with ventilation opengings at floor lever total space more than 10inch<sup>2</sup>. the difference within these models are feature only.</p> <p>Group 2: Model HF65501AA-W, HF65502AA, HF36501AA, HF60502AA, HF42504AA, HF42412AA, HF11802AA, HF42413BA, HF42601AA, HF48708, HF31189, HF40908, HF42708, HF56502, HF42801AA, HF30171AA, HF23208AA, SH19181AA with cylinder postioned out. the difference within these models are feature only.</p> <p>Model HF31188AA is similar as HF24608AA, expect model number and product appearance.</p> <p>Model HF31189AA is similar as HF24609AA, expect model number and product appearance.</p> <p>HF30990, HF30991 are similar as HF34501BA with different appearance.</p> <p>HF441191, HF44210AA, HF52210, HF60180 are similar as HF44209AA with different appearance.</p> <p>9001, 9003 are similar as HF42192 with different appearance.</p> <p>9002 is similar as HF54707 with different appearance.</p>

2.0 Product Description	
	<p>60000Btu/h models:</p> <p>Group 1: Model HF42411CA, HF42506CA, HF24411CA with cylinder intergral in the cylinder compartment. Under the combustion compartment is the self-contained LPG gas supply system compartment, which has retention means to limit the movement of the 20lb propane cylinder. With 4 ventilation opening in upper lever total space more than 20inch<sup>2</sup>, with ventilation opengings at floor lever total space more than 10inch<sup>2</sup>. the difference within these models are feature only.</p> <p>Group 2: Model HF42502AA, HF42503AA, HF38502CA, HF11801CA, HF16411AA, HF65501AA with cylinder postioned out. the difference within these models are feature only.</p> <p>70000Btu/h models:</p> <p>Model HF56501AA, HF60602AA, HF56502AA, HF56503AA, HF56504AA, HF56505AA, HF56506AA, HF60501AA, HF60601AA, HF72501AA with cylinder postioned out. the difference within these models are feature only.</p>
Ratings	<p>40000Btu/h with orifice at 1.96 mm, at outlet pressure 11"(2.74kPa) of pressure regulator for connection to an integral self-contained 20lb propane gas cylinder.</p> <p>50000Btu/h with orifice at 2.25 mm, at outlet pressure 11"(2.74kPa) of pressure regulator for connection to an integral self-contained 20lb propane gas cylinder.</p> <p>60000Btu/h with orifice at 2.42 mm, at outlet pressure 11"(2.74kPa) of pressure regulator for connection to an integral self-contained 20lb propane gas cylinder.</p> <p>70000Btu/h with orifice at 2.86 mm, at outlet pressure 11"(2.74kPa) of pressure regulator for connection to an integral self-contained 20lb propane gas cylinder.</p>
Other Ratings	NA



### 3.0 Product Photographs

**Photo 1** - External new of model HF29301AA (representative 40000BTU model for group 1)

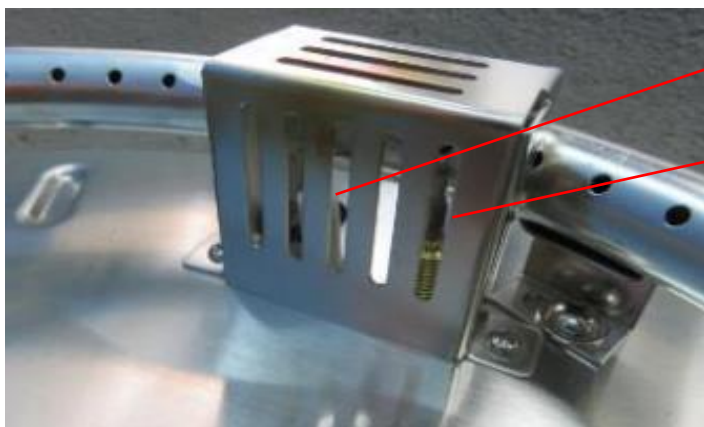


**Photo 2** - External new of model HF09501AA (representative 40000BTU model for group 2)



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**Photo 3** - External new of model HF09501AA

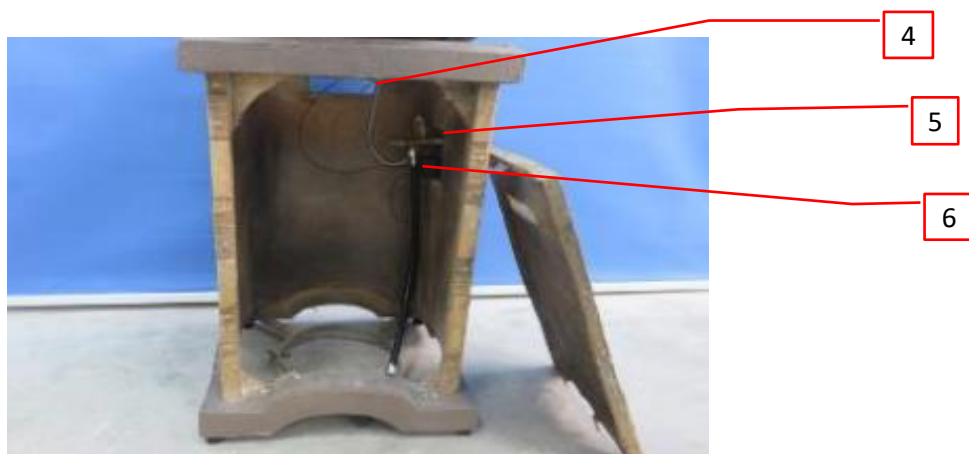


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### 3.0 Product Photographs

**Photo 4** - Internal view of model HF29301AA



**Photo 5** - Front view of model HF38502BA (representative 50000BTU model for group 2)



**Photo 6** - Over view of model HF38502BA



### 3.0 Product Photographs

**Photo 7** - Inner view of model HF38502BA



**Photo 8** - Over view of model HF35502BA (representative 50000BTU model for group 1)



**Photo 9** - Over view of model HF35502BA



### 3.0 Product Photographs

**Photo 10** - Inner view of model HF35502BA



**Photo 11** - Over view of model HF24411CA (representative 60000BTU model for group 1)



**Photo 12** - Inner view of model HF24411CA



### 3.0 Product Photographs

**Photo 13** - Over view of model HF42502AA (representative 60000BTU model for group 2)



**Photo 14** - Inner view of model HF42502AA



**Photo 15** - Over view of model HF60602AA (representative 70000BTU model for group 2)



### 3.0 Product Photographs

**Photo 16** - Over view of model HF60602AA (representative 70000BTU model for group 2)



**Photo 17** - Over view of model HF28192.



**Photo 18** - Over view of model HF26182.





### 3.0 Product Photographs

**Photo 19** - Over view of model HF30808.



**Photo 20** - Over view of model HF30178.



**Photo 21** - Over view of model HF24608.



### 3.0 Product Photographs

**Photo 22** - Over view of model HF26708.



**Photo 23** - Over view of model HF24900.



**Photo 24** - Over view of model HF30806.





### 3.0 Product Photographs

**Photo 25** - Over view of model HF30807.



**Photo 26** - Over view of model HF23810.



**Photo 27** - Over view of model HF36177.



### 3.0 Product Photographs

**Photo 28** - Over view of model HF26900.



**Photo 29** - Over view of model HF23900.



**Photo 30** - Over view of model HF31188.



### 3.0 Product Photographs

**Photo 31** - Over view of model HF28177.



**Photo 32** - Over view of model HF23610.



**Photo 33** - Over view of model HF31702AA.



### 3.0 Product Photographs

**Photo 34** - Over view of model HF46190.



**Photo 35** - Over view of model HF48708.



**Photo 36** - Over view of model HF42603.



**Photo 37** - Over view of model HF42181.



### 3.0 Product Photographs

**Photo 38** - Over view of model HF54707.



**Photo 39** - Over view of model HF42182.



**Photo 40** - Over view of model HF31189.

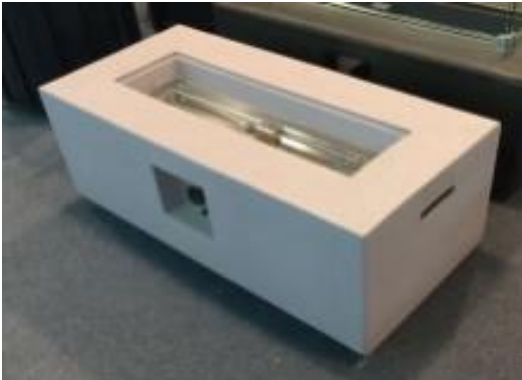


**Photo 41** - Over view of model HF40908.



### 3.0 Product Photographs

**Photo 42** - Over view of model HF42708.



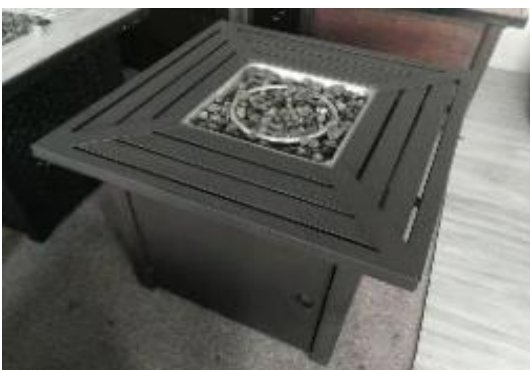
**Photo 43** - Over view of model HF48718.



**Photo 44** - Over view of model HF56502.



**Photo 45** - Over view of model HF45701.



### 3.0 Product Photographs

**Photo 46** - Over view of model HF28190.



**Photo 47** - Over view of model HF28191.



**Photo 48** - Over view of model HF42704.





### 3.0 Product Photographs

**Photo 49** - Over view of model HF32818.



**Photo 50** - Over view of model HF19000AA.



**Photo 51** - Over view of model HF30208AA.



**Photo 52** - Over view of model HF28209AA.





### 3.0 Product Photographs

**Photo 53** - Over view of model HF44208AA.



**Photo 54** - Over view of model HF44209AA.



**Photo 55** - Over view of model HF32601AA.



**Photo 56** - Over view of model HF30171AA.



### 3.0 Product Photographs

**Photo 57** - Over view of model HF23208AA.



**Photo 58** - Over view of model HF30914AA.



**Photo 59** - Over view of model HF30913AA.



**Photo 60** - Over view of model HF42801AA.



### 3.0 Product Photographs

**Photo 61** - Over view of model HF42191.



**Photo 62** - Over view of model HF42192.



**Photo 63** - Over view of model HF28199AA.



**Photo 64** - Over view of model GSF-DGH.



### 3.0 Product Photographs

**Photo 65** - Over view of model GSF-DGHSS.



**Photo 66** - Over view of model GS-F-PC.



**Photo 67** - Over view of model GS-F-PCSS.



**Photo 68** - Over view of model GSF-PR-PC.



### 3.0 Product Photographs

**Photo 69** - Over view of model HF28201.



**Photo 70** - Over view of model HF30200.



**Photo 71** - Over view of model HF30181.



**Photo 72** - Over view of model HF30900.



### 3.0 Product Photographs

**Photo 73** - Over view of model HF29181AA.



**Photo 74** - Over view of model HF35181AA.



**Photo 75** - Over view of model HF35209AA.



**Photo 76** - Over view of model HF30209AA.



### 3.0 Product Photographs

**Photo 77** - Over view of model HF30201AA.



**Photo 78** - Over view of model SH19181AA.



**Photo 79** - Over view of model 9001.



**Photo 80** - Over view of model 9002.





### 3.0 Product Photographs

**Photo 81** - Over view of model 9003.



**Photo 82** - Over view of model HF34181-R.





4.0 Critical Components						
Photo #	Item no. <sup>1</sup>	Name	Manufacturer/ trademark <sup>2</sup>	Type / model <sup>2</sup>	Technical data and securement means	Mark(s) of conformity <sup>3</sup>
2	1	Hose assembly	HangzhouFuyang zhenda Gas Appliance Co.,Ltd	T2-LL516	Hose(5/16"):Guangfeng LL516 Regulator:Fuyang zhenda T2 End fittings:Fuyang zhenda Q1	cCSAus
			ZhongShan GDA Gas Valve Co.,Ltd	KR-106-01	Hose(5/16"):Guangfeng LL516 Regulator:GAD KR106 End fittings:GAD GP04A	cCSAus
			Yung shen Gas Appliance Co.,Ltd	601-B	Hose(5/16"): Chuan Hseng - CHL0251, Heater Hose – ZSHO-2, Guang Feng – LL516; Regulator: Yung Shen – 601-B; QCC: Yung Shen –YS900B, POL-Auto, YS-T01.	cCSAus
			Ningbo Laite Gas Stoves Co., Ltd	JY70A11A	Hose(5/16"): Heater - ZSHO-2, Guangfeng LL516, DELTEC - DERH0251, Chuan Hseng – CHL025, Pearl River-LP516; Regulator: Ningbo Laite - JY70-011; QCC: Ningbo Laite QCC100 or QCC102 or QCC103;	cCSAus
			Ningbo Laite Gas Stoves Co., Ltd	JY70A12A	Hose(5/16"): Heater - ZSHO-2, Guangfeng LL516, DELTEC - DERH0251, Chuan Hseng – CHL025, Pearl River-LP516; Regulator: Ningbo Laite - JY70-012; QCC: Ningbo Laite QCC100 or QCC102 or QCC103;	cCSAus
			Hangzhou Fuyang Zhenda Gas Appliance Co., Ltd.	T3-LL516	Hose(5/16"): Foshan Shunde Ronggui Guangfeng Plastic & Metal Factory LL516; Regulator: Fuyang Zhenda - T3; End Fittings: Inlet - Hangzhou Fuyang Zhenda - cylinder connection, Q1 Outlet - 5/8" flare.	cCSAus
			Ningbo Xingcheng Valve Co., Ltd.	XQA01	Hose(5/16"): Heater Hose -ZSHO-2, Guang Feng -LL516, Chuan Hseng-CHH0251, Pearl River - LP516; Regulator: Xingcheng & XD01; QCC: Xingcheng & QCC1 & QCC1A.	cCSAus
			Ningbo Xingcheng Valve Co., Ltd.	XQJ01	Hose(5/16"): Heater Hose -ZSHO-2, Guang Feng -LL516, Chuan Hseng-CHH0251, Pearl River - LP516; Regulator: Xingcheng & XD02; QCC: Xingcheng & QCC1 & QCC1A.	cCSAus

4.0 Critical Components						
Photo #	Item no. <sup>1</sup>	Name	Manufacturer/ trademark <sup>2</sup>	Type / model <sup>2</sup>	Technical data and securement means	Mark(s) of conformity <sup>3</sup>
3	2	Ignition pin	Baoying Rongtai Electron Co., Ltd.	RT-002	Electrode : 900°C / 1652°F	cCSAus
			Yangzhou MingHui Gas Appliance Co.,Ltd	MH-2580-X	Electrode: 1200°C/2192°F	cCSAus
			Taishan Ruichuang Electron Co.,Ltd	RZ-112	Electrode : 900°C / 1652°F	cCSAus
			Ningbo Level Fine Ceramics CO.,Ltd	LW-247A	Electrode : 900°C / 1652°F	cCSAus
			Baoying Country Huayuan Electric Co.,Ltd	HY4-0003	Electrode : 900°C / 1652°F	cCSAus
			Ningbo Henghui Sensor Technology Co., Ltd.	ZH-353A	Ignition Electrode	cCSAus
			Ningbo Henghui Sensor Technology Co., Ltd.	ZH-028B	Ignition Electrode	cCSAus
			Taishan Ruichuang Electron Co.,Ltd.	RZ-111	Ignition Electrode	cCSAus
3	3	Thermocouple	Ningbo Jiali Gas Appliance & Science and Technology Co., Ltd	JLR02	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device	cCSAus
			Yangzhou MingHui Gas Appliance Co.,Ltd	MH-660312	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device	cCSAus
			Ninghai Aokai Security Technology Co.,Ltd	PTES-E	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device	cCSAus
			Ningbo Yinzhou Yuanming Hardware Co., Ltd	YMT001	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device.	cCSAus
			Ningbo Yinzhou Yuanming Hardware Co., Ltd	YMT002	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device.	cCSAus
			Ningbo Rian Electric Appliance Co., Ltd	RBNJM-C	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device.	cCSAus

4.0 Critical Components						
Photo #	Item no. <sup>1</sup>	Name	Manufacturer/ trademark <sup>2</sup>	Type / model <sup>2</sup>	Technical data and securement means	Mark(s) of conformity <sup>3</sup>
			Ningbo Rian Electric Appliance Co., Ltd	RBNJM-B	The thermocouple shall be connected to a magnet unit within the gas control system to act as a flame failure safety device.	cCSAus
4	4	Connector	ShangHai shenfu Corrugated Metal Hose Co.,Ltd	SF(C)3/8	Corrugated tube	cCSAus
			Shanghai Shenfu Corrugated Metal Hose Co., Ltd.	Series 1/4	Corrugated tube	cCSAus
			ChangZhou QunXin Metal Hose Co., Ltd.	1/4	Corrugated tube	cCSAus
			Shanghai Laineng Industries Co., Ltd.	100-2014-L	Corrugated tube	cCSAus
			Shanghai Laineng Industries Co., Ltd.	100-3014-L	Corrugated tube	cCSAus
4	5	Valve	ZhongShan GDA Gas Valve Co.,Ltd	GS8	-20°C to 150°C (-4°F to 302°F) the maximum inlet pressure of ½ psig	cCSAus
			HangzhouFuyang zhenda Gas Appliance Co.,Ltd	QZKCS90A	-20°C to 150°C (-4°F to 302°F) the maximum inlet pressure of ½ psig	cCSAus
			Foshan Shunde Ju-Meng Metal Products Co.,Ltd.	JCS90D	0°C to 100°C (32°F to 212°F) the maximum inlet pressure of ½ psig	cCSAus
			Ningbo Chaoyang Household Gas Stoves Co., Ltd.	AH901D01	-15°C to 75°C (5°F to 167°F) the maximum inlet pressure of ½ psig	cCSAus
4	6	Igniter	Taishan Ruichuang Electron Co.,Ltd	RD-X102	Ambient temperature range -20°C to 105°C (-4°F to 221°F)	cCSAus
			HeFei XinDa Electronic Co.,Ltd	DHLG-12	-25°C to 85°C (-13°F to 185°F)	cCSAus
			Xing Huo Electronic & Electrieal Factory	D1.5B-2	Igniter for two(2) burners	cCSAus
			Ningbo Level Electronic Ceramics Mfg Co., Ltd.	LW02A-2	20°C to 80°C (- 4°F to 185°F)	cCSAus
			Hubei J&V Electric Technology Co., Ltd.	58.1121.1	Ambient temperature range: -20°C to 105°C (-4°F to 221°F)	cCSAus
			Hubei J&V Electric Technology Co., Ltd.	58.1221.1	Ambient temperature range: -20°C to 105°C (-4°F to 221°F)	cCSAus
			Ningbo Yongshen Electric Appliance Co., Ltd.	YD1.5-1A	Ambient temperature range -4°F to 185°F	cCSAus

4.0 Critical Components						
Photo #	Item no. <sup>1</sup>	Name	Manufacturer/ trademark <sup>2</sup>	Type / model <sup>2</sup>	Technical data and securement means	Mark(s) of conformity <sup>3</sup>
			Ningbo Yongshen Electric Appliance Co., Ltd.	YD1.5-1D	Ambient temperature range -4°F to 185°F	cCSAus
			Dongguan Rui Chang Electronic Technology Co., Ltd	RD-X102	Ambient temperature range: -20°C to 105°C (-4°F to 221°F)	cCSAus
			Dongguan Rui Chang Electronic Technology Co., Ltd	RD-X202	Ambient temperature range: -20°C to 105°C (-4°F to 221°F)	cCSAus
			Dongguan Rui Chang Electronic Technology Co., Ltd	RD-X202K	Ambient temperature range: -20°C to 105°C (-4°F to 221°F)	cCSAus
NOTES: 1) Not all item numbers are indicated (called out) in the photos, as their location is obvious. 2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used. 3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.						

## **5.0 Critical Unlisted CEC Components**

No Unlisted CEC components are used in this report.

## 6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

- 1 Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
- 2 Markings - Refer to Illustration No(s). 1-2,11, 98 for details
- 3 Cautionary Markings - Refer to Illustration No(s). 1-2,11, 98 for details
- 4 Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No(s).3-5, 12-13, 25-26 for details
- 5 Schematics - Refer to Illustration No(s). 6-10, 14-20, 27-66, 68-97, 99-112, 113-115, 116 for key drawings requiring verification during Field Representative Inspection Audits.

## 7.0 Illustrations

Illustration 1 - Appliance marking of Model HF09501AA(40000Btu cyliders inside)\_Eng & Fre

**MODEL NO.:** HF09501AA  
**TYPE OF GAS:** Propane  
**Input rate:** 40000BTU/HR  
(Orifice Size 1.96mm)  
**Serial Number:** XXXXX-XXXX  
**Max inlet pressure:** 250PSI  
**Min inlet pressure:** 5PSI

ANS Z21.97-2017 • CSA2.41-2017, Outdoor Decorative Gas Appliances

**FOR OUTDOOR USE ONLY**  
If stored indoors, detach and leave cylinder outdoors.

**"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."

Cover must be removed when burner is in operation.

**⚠ 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.

Xiamen Aisheng Industry&Trade Co.,Ltd.  
NO.2, Meiyun Road, Lianhua Town, Tong'an district, Xiamen City,  
Fujian Province, China

Minimum fire pit clearances from combustible materials: 24" from the sides and rear and at least 72" from ceiling.

The gas supply must be turned off at the LP-gas supply cylinder when this appliance is not in use.

Do not use this appliance under overhead combustible surface:  
a.Do not store a spare LP-gas cylinder under or near this appliance.  
b.Never fill the cylinder beyond 80 percent full.  
If the information in (a) and (b) is not followed exactly, a fire causing death or serious injury may occur.

**⚠ WARNING**  
Improper installation, adjustment, alteration,service or maintenance can cause injury or property damage .  
Refer to the owner's information manual provided with this appliance. For assistance or addition information, consult a qualified installer, service agency or the gas supplier.

**⚠ 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.

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 with supplier.

**Numéro de modèle:** HF09501AA  
**Type de gaz:** Propane  
**Débit calorifique horaire:** 40000BTU/HR  
(Orifice Size 1.96mm)  
**Numéro de série:** XXXXX-XXXX  
**Pression d'entrée max :** 250PSI  
**Pression d'entrée min :** 5PSI

ANS Z21.97-2017 • CSA2.41-2017, Outdoor Decorative Gas Appliances

**POUR LES SEULEMENTS D'EXTERIEUR**  
Si à l'intérieur stocké, détachez et cylindres employés à l'extérieur.

**"ATTENTION:** Le régulateur de pression de gaz fourni avec cet appareil doit être utilisé. Ce régulateur est réglé pour une pression de sortie de 11 pouces colonne d'eau. "

Le couvercle doit être retiré lorsque le brûleur est en marche.

**⚠ DANGER**

**DANGER DU MONOXYDE DE CARBONE**  
Cet appareil peut produire le monoxyde de carbone,qui est inodore. Son utilisation dans un espace clos peut entrainer la mort.N'utilisez jamais cet appareil dans un espace clos comme une caravane, une tente, une tente ou une maison.

Xiamen Aisheng Industry&Trade Co.,Ltd.  
NO.2, Meiyun Road, Lianhua Town, Tong'an district, Xiamen City,  
Fujian Province, China

Dégagement minimal des surfaces combustibles :  
Côtés : 61 cm    Haut : 183 cm

L'alimentation en gaz doit être coupée au niveau de la bouteille d'alimentation en gaz LP lorsque cet appareil n'est pas utilisé.

N'utilisez pas cet appareil sous une surface combustible aérienne:  
a.Ne stockez pas de bouteille de gaz LP de recharge sous ou à proximité de cet appareil.  
b.Ne jamais remplir le cylindre au-delà de 80% de sa capacité.  
Si les informations de (a) et (b) ne sont pas suivies à la lettre, un incendie peut causer la mort ou des blessures graves.

**⚠ AVERTISSEMENT**  
Les installations, réglage, modification, réparation ou entretiens ou entretiens incorrects présentent des risques de dommages corporels ou matériels.  
Consultez le guide d'utilisation 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.

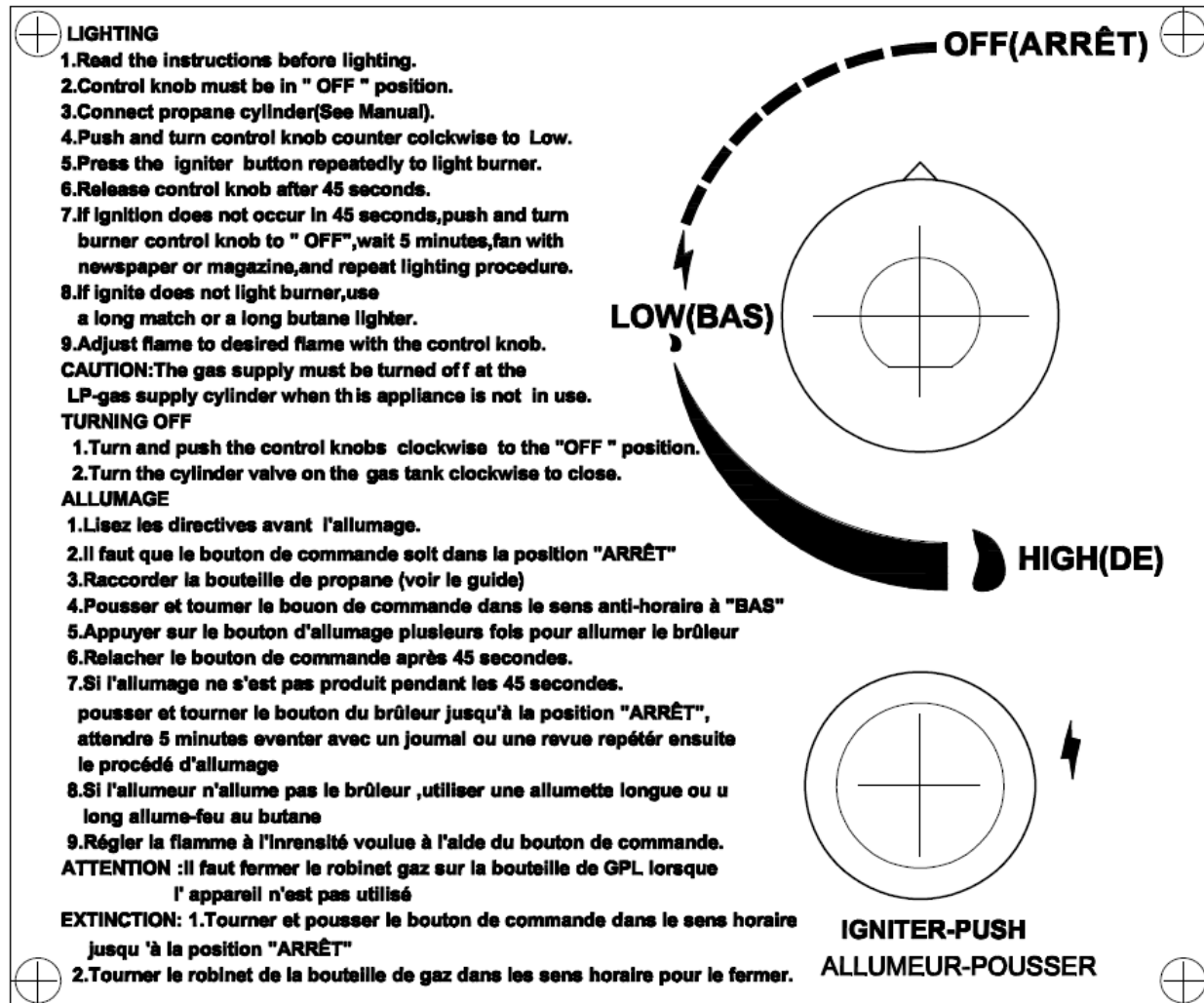
**⚠ AVERTISSEMENT**  
Ne pas entreposer ni utiliser l'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de l'appareil ,ni de tout autre appareil.  
Une bouteille de propane qui n'est pas raccordée en vue de son utilisation ,ne doit pas être entreposée dans le voisinage de cet appareil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

Le manuel d'instructions contient des informations importantes nécessaires au bon montage et à l'utilisation en toute sécurité de l'appareil.  
Le manuel d'instructions contient des informations importantes afin de pouvoir assembler et utiliser l'appareil correctement en toute sécurité.  
Suivez tous les avertissements et instructions lors de l'utilisation de l'appareil  
Si des instructions ou des pièces manquent, contactez le fournisseur.

All other 40000BTU models are the same with HF09501AA, except for model number.

## 7.0 Illustrations



Illustration 2 - Lighting Markings for all models





## 7.0 Illustrations

Illustration 3 - Instruction for HF09501AA\_Eng

<b>USE AND CARE GUIDE</b>	
<b>Item No.: HF09501AA</b>	
<b>▲ READ BEFORE USE!</b>	
	
<b>▲ WARNING</b> <b>USE PROPANE GAS ONLY!</b> -Do not store or use gasoline or other flammable vapors in the vicinity of this or any other appliance. - Service must be performed by a qualified installer, service agency or the gas supplier.	<b>▲ WARNING</b> <b>For Outdoor Use Only! Use Propane Gas Only!</b> Propane cylinders sold separately.
<b>▲ WARNING</b> For use with cylinders marked PROPANE only. DO NOT connect to a remote gas supply.  If the firebowl is stored indoors, detach and leave propane cylinder outdoors.	<b>▲ WARNING</b> Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the owner's manual thoroughly before installing or servicing this equipment. If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.
	<b>▲ WARNING</b> The propane cylinder must be disconnected when this firebowl is not use.
	<b>▲ DANGER</b> If you smell gas: 1. Shut off gas to the appliance. 2. Extinguish any open flame. 3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.
	<b>▲ WARNING</b> This firebowl must be attended at all times!
	<b>▲ WARNING</b> An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.
<b>▲ DANGER</b> 	<b>CARBON MONOXIDE HAZARD</b> 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.

## 7.0 Illustrations

Illustration 4 - Instruction French for HF09501AA(1)

# GUIDE D'UTILISATION

Item No.: **HF09501AA**



Certifié par l'Association canadienne de normalisation selon la norme « ANSI Z21.97-2017/CSA 2.41-2017 » pour les foyers au gaz matériel ».

**INSTALLATEUR : LAISSEZ CES INSTRUCTIONS AU CLIENT.**

**CONSOMMATEUR : VEUILLEZ CONSERVER CES INSTRUCTIONS POUR VOUS Y RÉFÉRER ULTÉRIEUREMENT.**

**LISEZ ATTENTIVEMENT L'INTÉGRALITÉ DE CES INSTRUCTIONS AVANT D'ASSEMBLER OU D'UTILISER LE PRODUIT**

- **CONÇU UNIQUEMENT POUR LES BOUTEILLES DE 9,07 KG (20 LB) MUNIES D'UNE CONNEXION DE TYPE 1 (NON FOURNIES). Conçu pour une utilisation avec du gaz propane seulement/**
- **Cet appareil au gaz pour l'extérieur doit être installé sur une surface plane, solide et NON COMBUSTIBLE**

**DANGER : Respectez scrupuleusement les directives du présent manuel pour prévenir les incendies et les explosions pouvant causer des dommages ainsi que des blessures graves ou mortelles.**

## 7.0 Illustrations

Illustration 5 - Instruction French HF09501AA(2)

### **DANGER**

**Si vous percevez une odeur de gaz :**

- 1. Coupez l'alimentation en gaz de l'appareil.**
- 2. Éteignez toute flamme nue.**
- 3. Si l'odeur persiste, tenez-vous à distance de l'appareil et appelez immédiatement le service d'alimentation en gaz ou le service d'incendie.**

### **AVERTISSEMENT :**

**Une installation, un réglage, une modification, une utilisation ou un entretien inadéquats peuvent causer des blessures ou des dommages matériels. Lisez attentivement les instructions pour l'installation, le fonctionnement et l'entretien avant de procéder à l'installation ou à l'entretien de cet appareil.**

### **AVERTISSEMENT:**

- N'entreposez pas et n'utilisez pas d'essence ni toute autre vapeur ou liquide inflammable à proximité de cet appareil ou de tout autre appareil.**
- Aucune bouteille de gaz de pétrole liquéfié non utilisée ne doit être rangée à proximité de cet appareil ou de tout autre appareil.**

### **DANGER**



#### **RISQUES LIÉS AU MONOXYDE DE CARBONE**

**Cet appareil peut produire le monoxyde 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.**

### **AVERTISSEMENT: Pour usage à l'extérieur seulement.**

### **AVERTISSEMENT:**

**Ne faites pas brûler du bois ni tout autre matériau dans ce foyer.**

**Avertissement en vertu de la Proposition 65 de la Californie:** Le propane et les sous-produits de combustion du propane contiennent des produits chimiques reconnus par l'État de la Californie comme étant la cause de cancers, d'anomalies congénitales et d'autres problèmes liés aux fonctions

## 7.0 Illustrations

Illustration 6 - Assembly drawing of Model HF09501AA

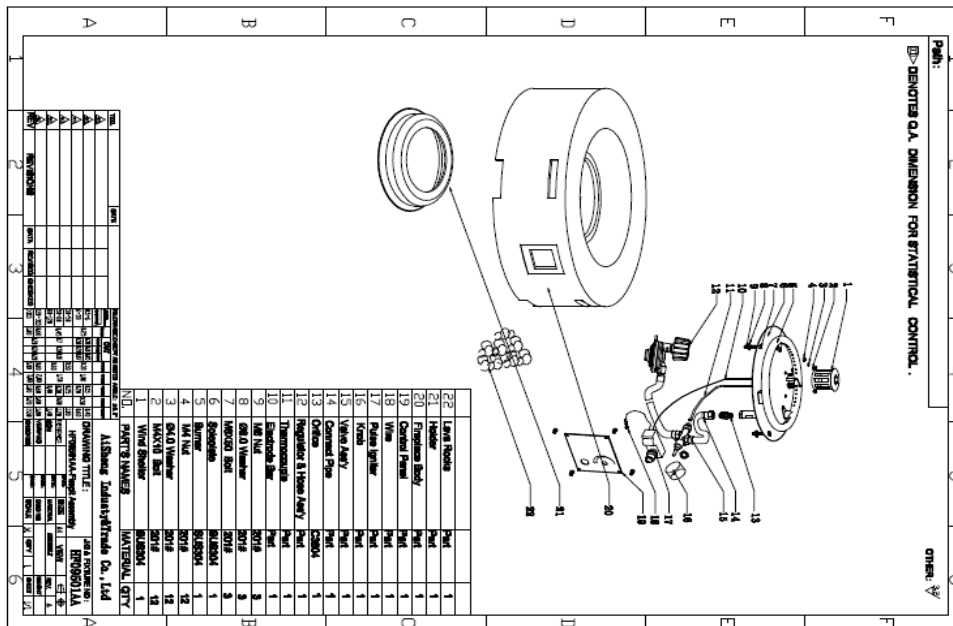
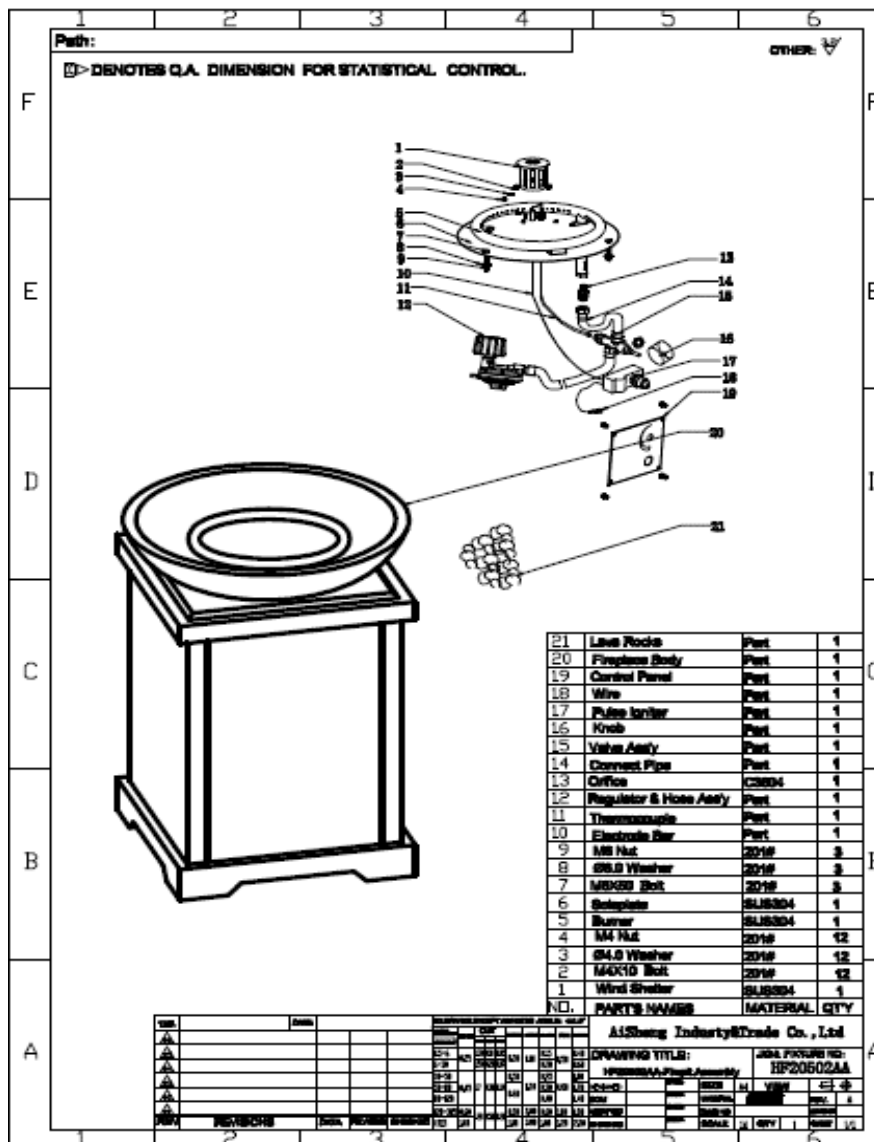
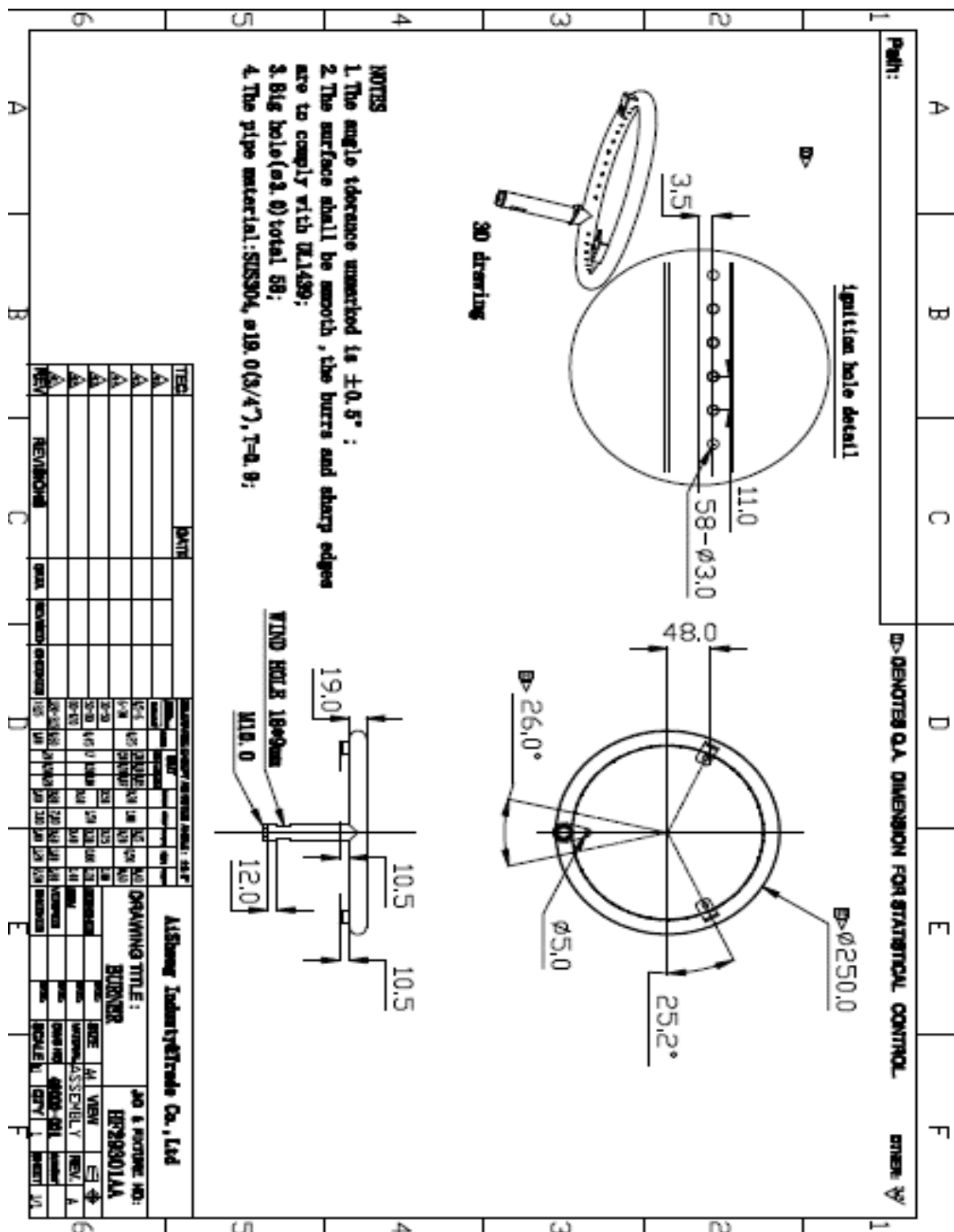


Illustration 7 - Explode drawings of Model HF20502AA

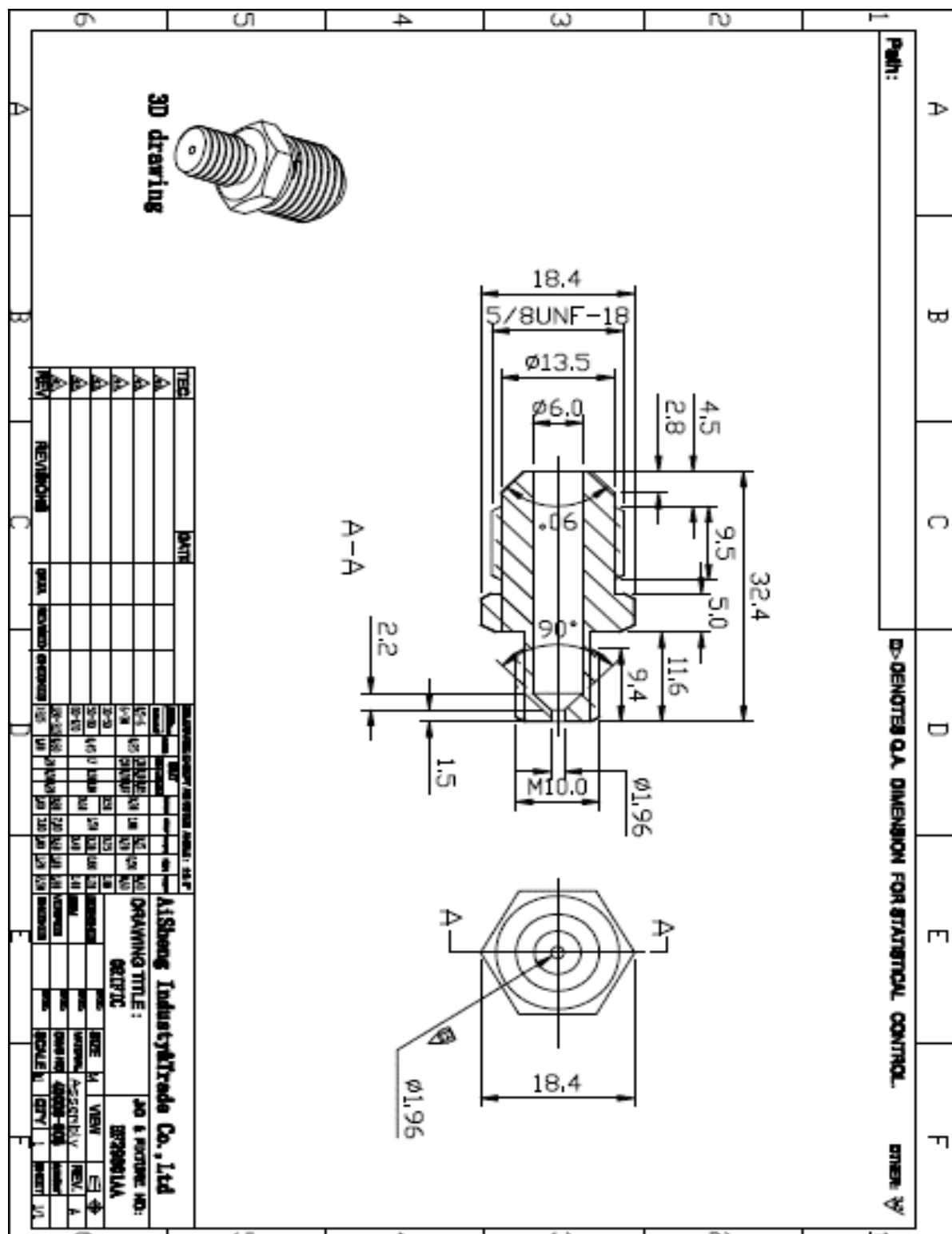


## 7.0 Illustrations

**Illustration 8 - Burner drawings of the 40000BTU Model**



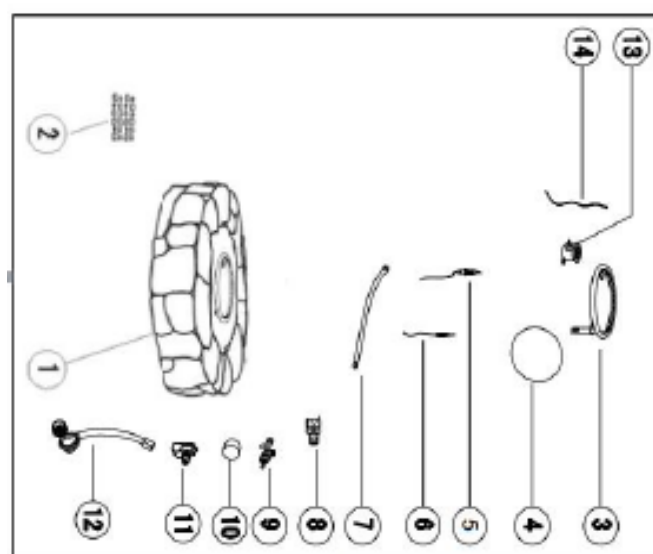
### Illustration 9 - Orifice of 40000BTU model



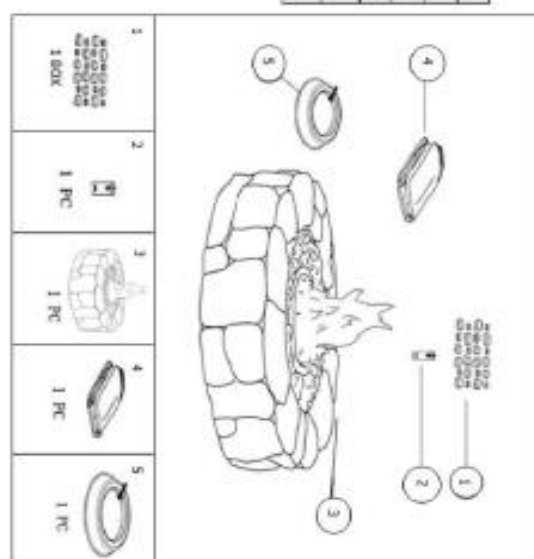
## 7.0 Illustrations

**Illustration 10 - Assembly drawing of Model HF09501AA**

ITEM	SPECIFICATION	QTY
1	Body	1
2	Lava rocks	1
3	Burner	1
4	Firewood pin	1
5	Ignition pin	1
6	Thermocouple	1
7	Corrugated pipe	1
8	Injector	1
9	Gas valve	1
10	Control knob	1
11	Pulse ignition	1
12	Regulator	1
13	Ignition Screen	1
14	Grounding wire	1



ITEM	DESCRIPTION	QTY
1	Lava rocks	1 BOX
2	Battery (AAA)	1PC
3	Body	1PC
4	PVC cover	1PC
5	Tank Seal	1PC





## 7.0 Illustrations

Illustration 11 - Appliance marking of Model HF20502AA(40000Btu cyliders inside)\_Eng & Fre

**MODEL NO.:** HF20502AA  
**TYPE OF GAS:** Propane  
**Input rate:** 40000BTU/HR  
(Orifice Size 1.96mm)  
**Serial Number:** XXXXX-XXXX  
**Max inlet pressure:** 250PSI  
**Min inlet pressure:** 5PSI

ANS Z21.97-2017 • CSA2.41-2017, Outdoor Decorative Gas Appliances

**FOR OUTDOOR USE ONLY**  
If stored indoors, detach and leave cylinder outdoors.

**"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."

Cover must be removed when burner is in operation.

**⚠ 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.

Xiamen Aisheng Industry&Trade Co.,Ltd.  
NO.2, Meiyun Road, Lianhua Town, Tong'an district, Xiamen City,  
Fujian Province, China

Minimum fire pit clearances from combustible materials: 24" from the sides and rear and at least 72" from ceiling.

The gas supply must be turned off at the LP-gas supply cylinder when this appliance is not in use.

Do not use this appliance under overhead combustible surface:  
a.Do not store a spare LP-gas cylinder under or near this appliance.  
b.Never fill the cylinder beyond 80 percent full.  
If the information in (a) and (b) is not followed exactly, a fire causing death or serious injury may occur.

**⚠ WARNING**  
Improper installation, adjustment, alteration,service or maintenance can cause injury or property damage .  
Refer to the owner's information manual provided with this appliance. For assistance or addition information, consult a qualified installer, service agency or the gas supplier.

**⚠ 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.

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, contactwith supplier.

Número de modelo: HF20502AA  
Type de gaz: Propane  
Débit calorifique horaire: 40000BTU/HR  
(Orifice Size 1.96mm)  
Numéro de série: XXXXX-XXXX  
Pression d'entrée max : 250PSI  
Pression d'entrée min : 5PSI

ANS Z21.97-2017 • CSA2.41-2017, Outdoor Decorative Gas Appliances

**POUR LES SEULEMENTS D'EXTERIEUR**  
Si à l'intérieur stocké, détachez et cylindres employés à l'extérieur.

**"ATTENTION:** Le régulateur de pression de gaz fourni avec cet appareil doit être utilisé. Ce régulateur est réglé pour une pression de sortie de 11 pouces colonne d'eau. "

Le couvercle doit être retiré lorsque le brûleur est en marche.

**⚠ DANGER**

**DANGER DU MONOXYDE DE CARBONE**  
Cet appareil peut produire le monoxyde de carbone,qui est inodore.  
Son utilisation dans un espace clos peut entrainer la mort.N'utilisez jamais cet appareil dans un espace clos comme une caravane, une tente, une tente ou une maison.

Xiamen Aisheng Industry&Trade Co.,Ltd.  
NO.2, Meiyun Road, Lianhua Town, Tong'an district, Xiamen City,  
Fujian Province, China

Dégagement minimal des surfaces combustibles :  
Côtés : 61 cm Haut : 183 cm

L'alimentation en gaz doit être coupée au niveau de la bouteille d'alimentation en gaz LP lorsque cet appareil n'est pas utilisé.

N'utilisez pas cet appareil sous une surface combustible aérienne:  
a.Ne stockez pas de bouteille de gaz LP de rechange sous ou à proximité de cet appareil.  
b.Ne jamais remplir le cylindre au-delà de 80% de sa capacité.  
Si les informations de (a) et (b) ne sont pas suivies à la lettre, un incendie peut causer la mort ou des blessures graves.

**⚠ AVERTISSEMENT**  
Les installations, réglage, modification, réparation ou entretiens ou entretiens incorrects présentent des risques de dommages corporels ou matériels.  
Consultez le guide d'utilisation fourni avec cet appareil. Pour botenir de l'aide ou plus de renseignements consultez un installateur qualifi é, une agence d'entretien ou le fournisseur de gaz.



**⚠ AVERTISSEMENT**  
Ne pas entreposer ni utiliser l'essence ni d'autres vapeurs ou liquides 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 voisinage de cet appareil ou de tout autre appareil.

Le manuel d'instructions contient des informations importantes nécessaires au bon montage et à l'utilisation en toute sécurité de l'appareil.  
Le manuel d'instructions contient des informations importantes afin de pouvoir assembler et utiliser l'appareil correctement en toute sécurié.  
Suivez tous les avertissements et instructions lors de l'utilisation de l'appareil  
Si des instructions ou des pièces manquent, contactez le fournisseur.



## 7.0 Illustrations

Illustration 12 - Instruction of model HF20502AA\_ French


<b>GUIDE D'UTILISATION ET D'ENTRETIEN</b>	
<b>LIRE AVANT UTILISATION!</b>	<b>ARTICLE NO.HF20502AA</b>
	<p><b>⚠ ATTENTION</b> Pour usage extérieur seulement! Utilisez du gaz propane seulement! Les bouteilles de propane sont vendues séparément.</p>
	<p><b>⚠ ATTENTION</b> Une installation, un réglage, une modification, un entretien ou une maintenance incorrects peuvent causer des blessures ou des dommages matériels. Lisez attentivement le manuel du propriétaire avant d'installer ou d'entretenir cet équipement. Si les informations contenues dans ce manuel ne sont pas suivies à la lettre, un incendie ou une explosion pourrait en résulter, causant des dommages matériels, des blessures corporelles ou la mort.</p>
<p>Conception Conforme à la norme ANSI Z21.97-2017 • CSA 2.41- (2017) Foyers au gaz décoratifs extérieurs.</p>	<p><b>⚠ DANGER</b> Si vous sentez une odeur de gaz: 1. Coupez le gaz à l'appareil. 2. Éteignez toute flamme nue. 3. Si l'odeur persiste, éloignez-vous de l'appareil et appelez immédiatement votre fournisseur de gaz ou votre service d'incendie.</p>
<p><b>⚠ ATTENTION</b> <b>UTILISEZ DU GAZ PROPANE SEULEMENT!</b> -Ne pas stocker ou utiliser de l'essence ou autre vapeurs inflammables à proximité de cet appareil ou de tout autre appareil. - Le service doit être effectué par un installateur qualifié, service</p>	<p><b>⚠ ATTENTION</b> Ce bol à feu doit être surveillé en tout temps!</p>
	<p><b>⚠ ATTENTION</b> Une bouteille de GPL non raccordée ne doit pas être entreposée à proximité de cet appareil ou de tout autre appareil.</p>
<p><b>⚠ ATTENTION</b> Pour utilisation avec des bouteilles marquées PROPANE uniquement. NE PAS connecter à une alimentation en gaz à distance. Si le foyer est entreposé à l'intérieur, détacher et laisser la bouteille de propane à l'extérieur.</p>	<p><b>⚠ ATTENTION</b> La bouteille de propane doit être déconnectée ce bol de feu n'est pas utilisé.</p>
<p><b>⚠ DANGER</b></p>	<p><b>RISQUES LIÉS AU MONOXYDE DE CARBONE</b> <b>Cet appareil peut produire le monoxyde de carbone, qui est inodore.</b></p>
	<p><b>Son utilisation dans un espace clos peut entraîner la mort.</b> <b>N'utilisez jamais cet appareil dans un espace clos comme une caravane, une tente ou une maison.</b></p>

## 7.0 Illustrations

Illustration 13 - Instruction of model HF20502AA\_ English

# OWNER'S MANUAL

**READ BEFORE USE!**



**ITEM NO.: HF20502AA**

**WARNING**  
For Outdoor Use Only! Use Propane Gas Only !  
Propane cylinders sold separately.

**WARNING**  
Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the owner's manual thoroughly before installing or servicing this equipment. If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

**WARNING**  
The propane cylinder must be disconnected when this firebowl is not use.

**DANGER**  
If you smell gas:  
1. Shut off gas to the appliance.  
2. Extinguish any open flame.  
3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

**WARNING**  
This firebowl must be attended at all times!


**WARNING**  
An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

**WARNING**  
**USE PROPANE GAS ONLY!**  
-Do not store or use gasoline or other flammable vapors in the vicinity of this or any other appliance.  
- Service must be performed by a qualified installer, service agency or the gas supplier.

**WARNING**  
For use with cylinders marked PROPANE only. DO NOT connect to a remote gas supply.  
If the firebowl is stored indoors, detach and leave propane cylinder outdoors.

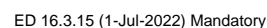
Design complies with ANSI Z21.97-2017 • CSA 2.41-(2017) Outdoor Decorative Gas Fireplaces .

**DANGER**

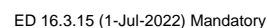


**CARBON MONOXIDE HAZARD**  
This appliance can produce carbon monoxide which has no odor.  
Using it in an enclosed space can kill you.  
Never use this appliance in an enclosed space such as a camper, tent, car or home.

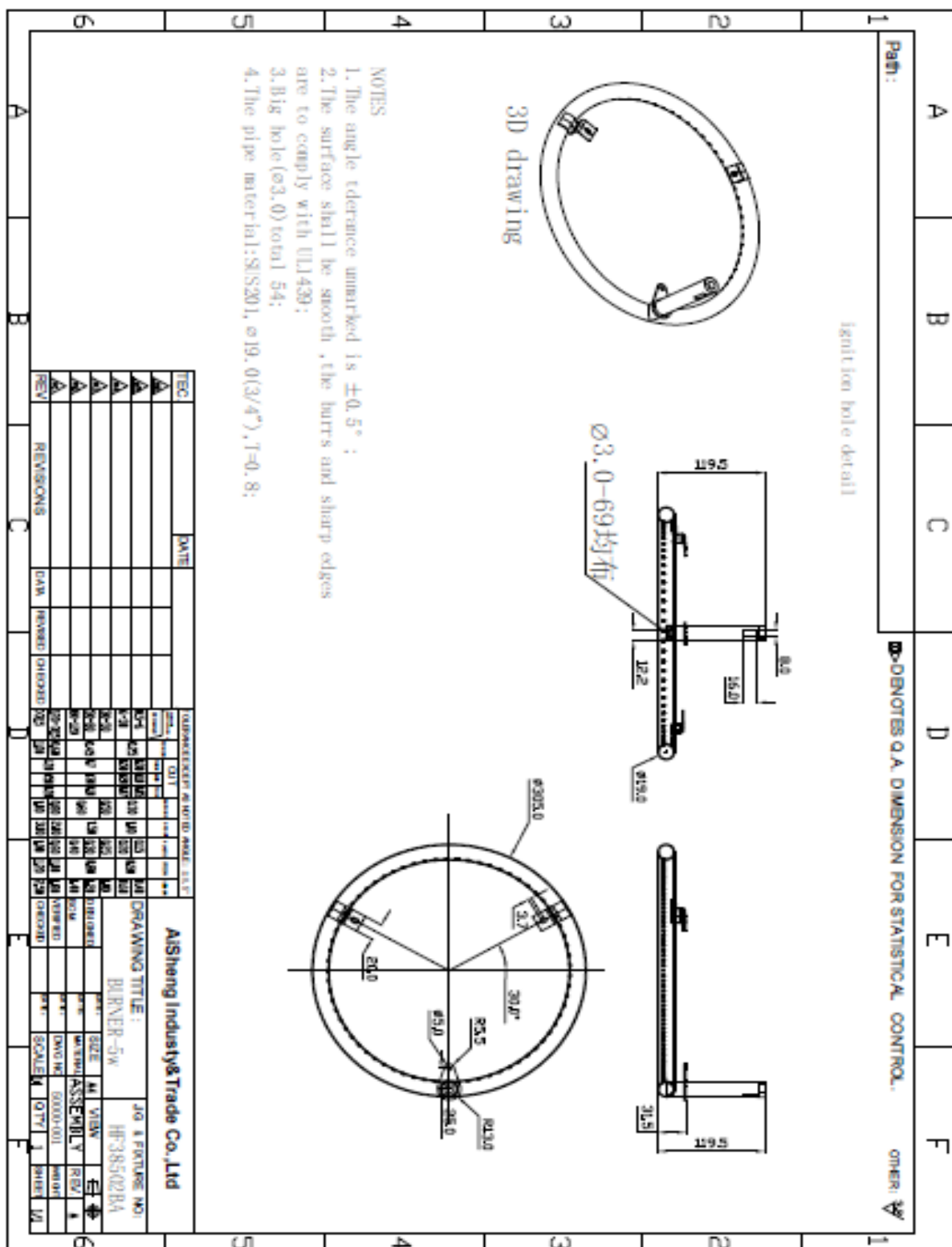
**Illustration 14 -Explode drawings of HF38502BA (50000BTU)**



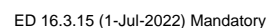
**Illustration 15 - Orifice of 50000BTU model**



### Illustration 16 - Burner of 50000BTU model

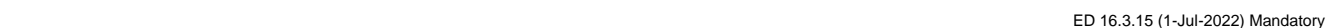


**Illustration 17 -Explode drawings of HF65501AA-L (60000BTU)**

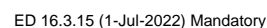




**Illustration 18 - Orifice of 60000BTU model**

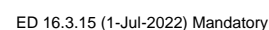


**Illustration 19 - Burner of 60000BTU model**





**Illustration 20 - Orifice of 70000BTU model**



## 7.0 Illustrations

### Illustration 22 - Models summaries declarations of conformity

#### 40,000BTU (orific size 1.96mm) Item No:

##### Tank inside:

HF29301AA, HF28501AA, HF20503AA, HF29402AA, HF29403AA, HF29410AA, HF42506AA,  
HF29308AA, HF30501AA, HF35401AA, HF36401AA, HF35504AA, HF42501AA, HF35502AA,  
HF30502AA, HF20504AA, HF24411AA, HF30504AA, HF29404AA, HF34501AA, HF24501BB,  
HF29504AA, HF32502AA, HF38510AA, HF32501AA, HF29159AA, HF32502BB, HF33501AA  
HF32501BB, HF38502AA, HF29407AA, HF35503AA, HF24412AA, HF20502AA, HF24413AA  
HF20507AA, HF24415AA, HF20506AA, HF42413AA, T50501AA, HF35501AA, HF24414AA  
HF42411AA, HF30503AA, HF29601BA, HF35505AA, HF29702AA

##### Tank outside:

HF09501AA, HF18301AA, HF42409AA, HF42408AA, HF38501AA, HF11501AA, HF18501AA, HF38502AA

#### 50,000BTU(orific size 2.25mm) Item No:

##### Tank inside:

HF65502AA, HF34502AA, HF24601AA, HF29601AA, HF24511AA, HF24608AA, HF42411BA,  
T50501BA, HF24413BA, HF24412BA, HF38510BA, HF24501BA, HF34501BA, HF37501AAAA,  
HF24411BA, HF35502BA, HF42501BA, HF36402AA, HF38501BA, HF42506BA,  
HF35506AA, HF24609AA, HF36403AA, HF46601AA, HF42602AA, HF24410BA, HF30501AA-  
W, HF30502AA-W, HF30503AA-W, HF30504AA-W;

##### Tank outsi:

HF11801AA, HF11802AA, HF36501AA, HF38501BA, HF38502BA, HF42421AA,  
HF42413BA, HF242504, HF65501

#### 60,000BTU (orific size 2.42mm Item No:

HF42411CA, HF42506CA, HF24411CA; HF42502AA, HF42503AA, HF38502CA, HF11801CA,  
HF16411AA, HF65501AA

#### 70,000BTU(orific size 2.86mm) Item No:

HF60602AA, HF56501AA, HF56502AA, HF56503AA, HF56504AA, HF56505AA, HF56506AA,  
HF60501AA, HF60601AA, HF72501AA

applicants signature: Xiamen Aisheng Industry&Trade Co.,Ltd.

Name:

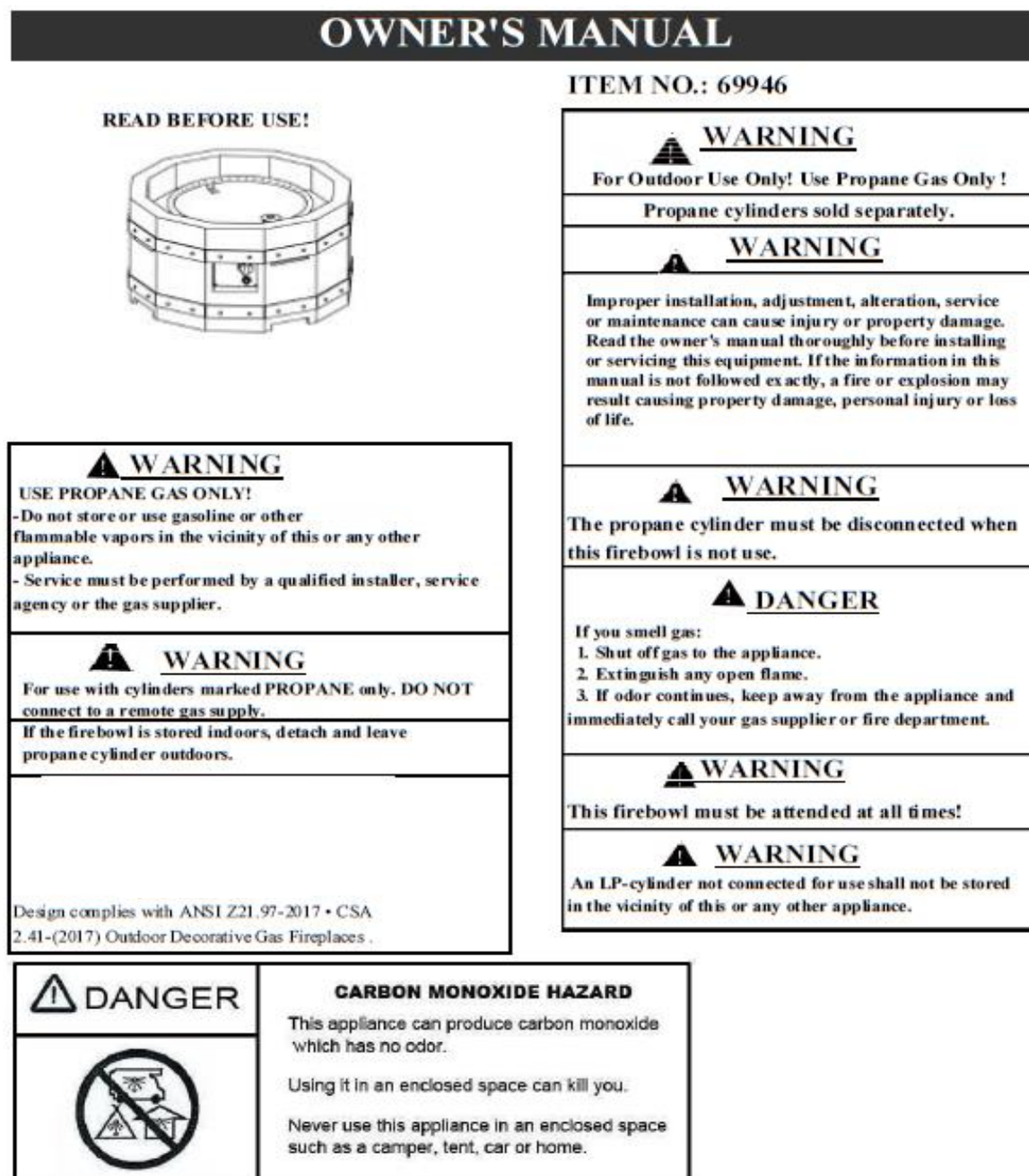


Date: 2017.12.18

Models above are similar with HF09501AA (cylinders inside) and HF20502AA (cylinders outside) about markings and instructions, except model number and Btu ratings.

## 7.0 Illustrations

Illustration 25 - Instruction cover for model 69946\_Eng

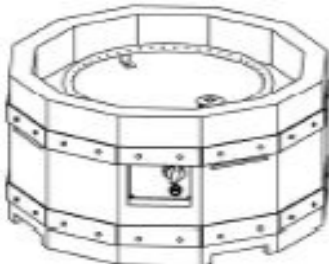


## 7.0 Illustrations

Illustration 26 - Instruction cover for model 69946\_Fre

# GUIDE D'UTILISATION ET D'ENTRETIEN

LIRE AVANT UTILISATION! **ARTICLE NO.69946**



Conception Conforme à la norme ANSI Z21.97-2017 • CSA 2.41- (2017) Foyers au gaz décoratifs extérieurs.

**ATTENTION**  
UTILISEZ DU GAZ PROPANE SEULEMENT!  
-Ne pas stocker ou utiliser de l'essence ou autre vapeurs inflammables à proximité de cet appareil ou de tout autre appareil.  
- Le service doit être effectué par un installateur qualifié, service

**ATTENTION**  
Pour utilisation avec des bouteilles marquées PROPANE uniquement. NE PAS connecter à une alimentation en gaz à distance.  
Si le foyer est entreposé à l'intérieur, détacher et laisser la bouteille de propane à l'extérieur.

**ATTENTION**  
Pour usage extérieur seulement! Utilisez du gaz propane seulement!  
Les bouteilles de propane sont vendues séparément.

**ATTENTION**  
Une installation, un réglage, une modification, un entretien ou une maintenance incorrects peuvent causer des blessures ou des dommages matériels.  
Lisez attentivement le manuel du propriétaire avant d'installer ou d'entretenir cet équipement.  
Si les informations contenues dans ce manuel ne sont pas suivies à la lettre, un incendie ou une explosion pourrait en résulter, causant des dommages matériels, des blessures corporelles ou la mort.

**DANGER**  
Si vous sentez une odeur de gaz:  
1. Coupez le gaz à l'appareil.  
2. Éteignez toute flamme nue.  
3. Si l'odeur persiste, éloignez-vous de l'appareil et appelez immédiatement votre fournisseur de gaz ou votre service d'incendie.

**ATTENTION**  
Ce bol à feu doit être surveillé en tout temps!

**ATTENTION**  
Une bouteille de GPL non raccordée ne doit pas être entreposée à proximité de cet appareil ou de tout autre appareil.

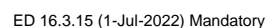
**ATTENTION**  
La bouteille de propane doit être déconnectée ce bol de feu n'est pas utilisé.

**DANGER**

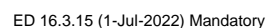
**RISQUES LIÉS AU MONOXYDE DE CARBONE**  
**Cet appareil peut produire le monoxyde de carbone, qui est inodore.**  
**Son utilisation dans un espace clos peut entraîner la mort.**  
**N'utilisez jamais cet appareil dans un espace clos comme une caravane, une tente ou une maison.**



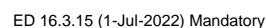
**Illustration 27 - Explode drawings of model HF23610.**



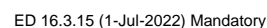
**Illustration 28 - Explode drawings of model HF23810.**



**Illustration 29 - Explode drawings of model HF23900.**

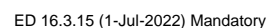


**Illustration 30 - Explode drawings of model HF24608.**

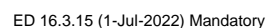




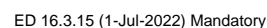
**Illustration 31 - Explode drawings of model HF24900.**



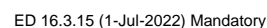
**Illustration 32 - Explode drawings of model HF26182.**



**Illustration 33 - Explode drawings of model HF26900.**

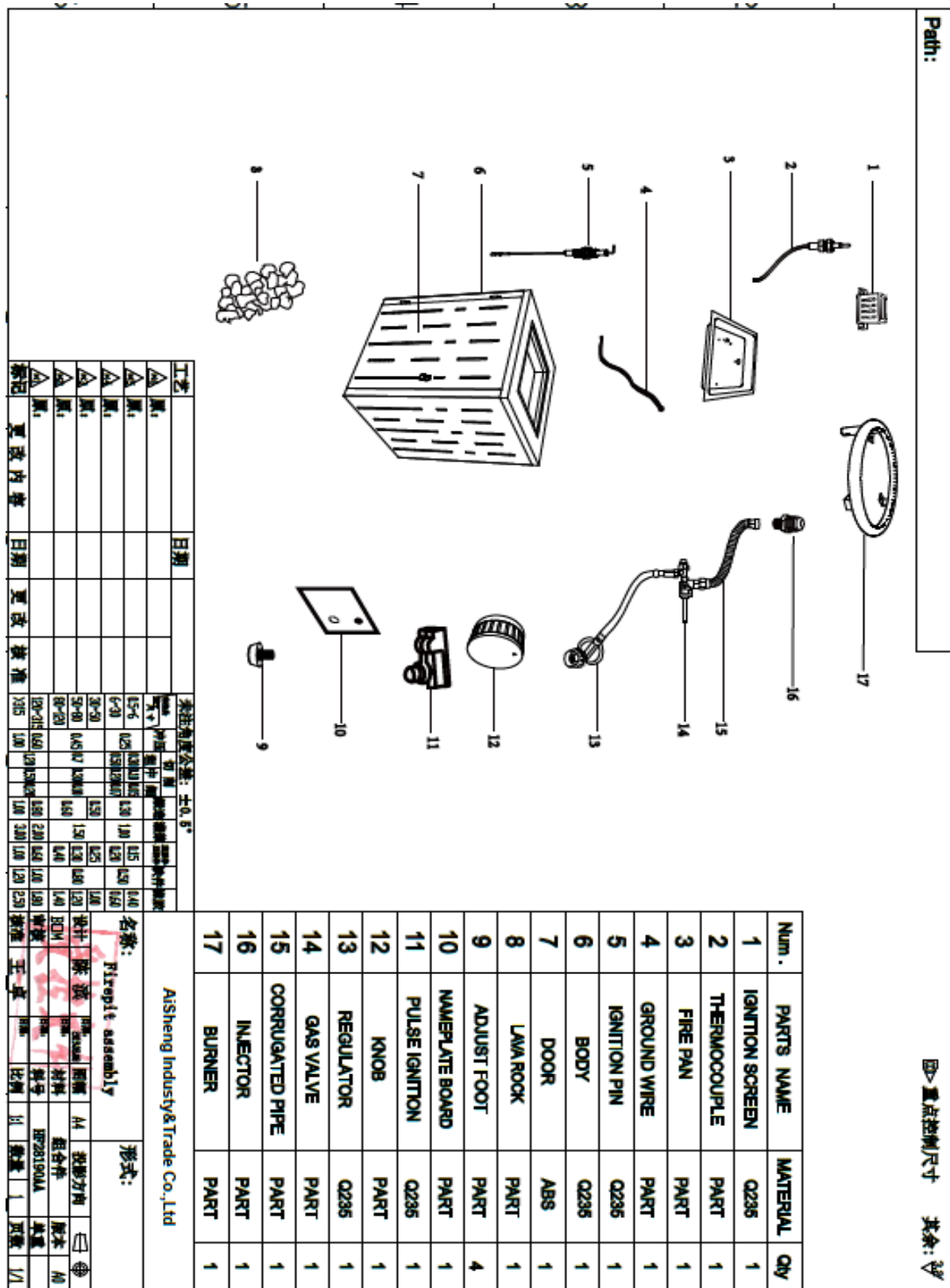


**Illustration 34 - Explode drawings of model HF28177.**

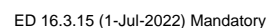


## 7.0 Illustrations

Illustration 35 - Explode drawings of model HF28190.

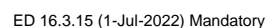


**Illustration 36 - Explode drawings of model HF28192.**

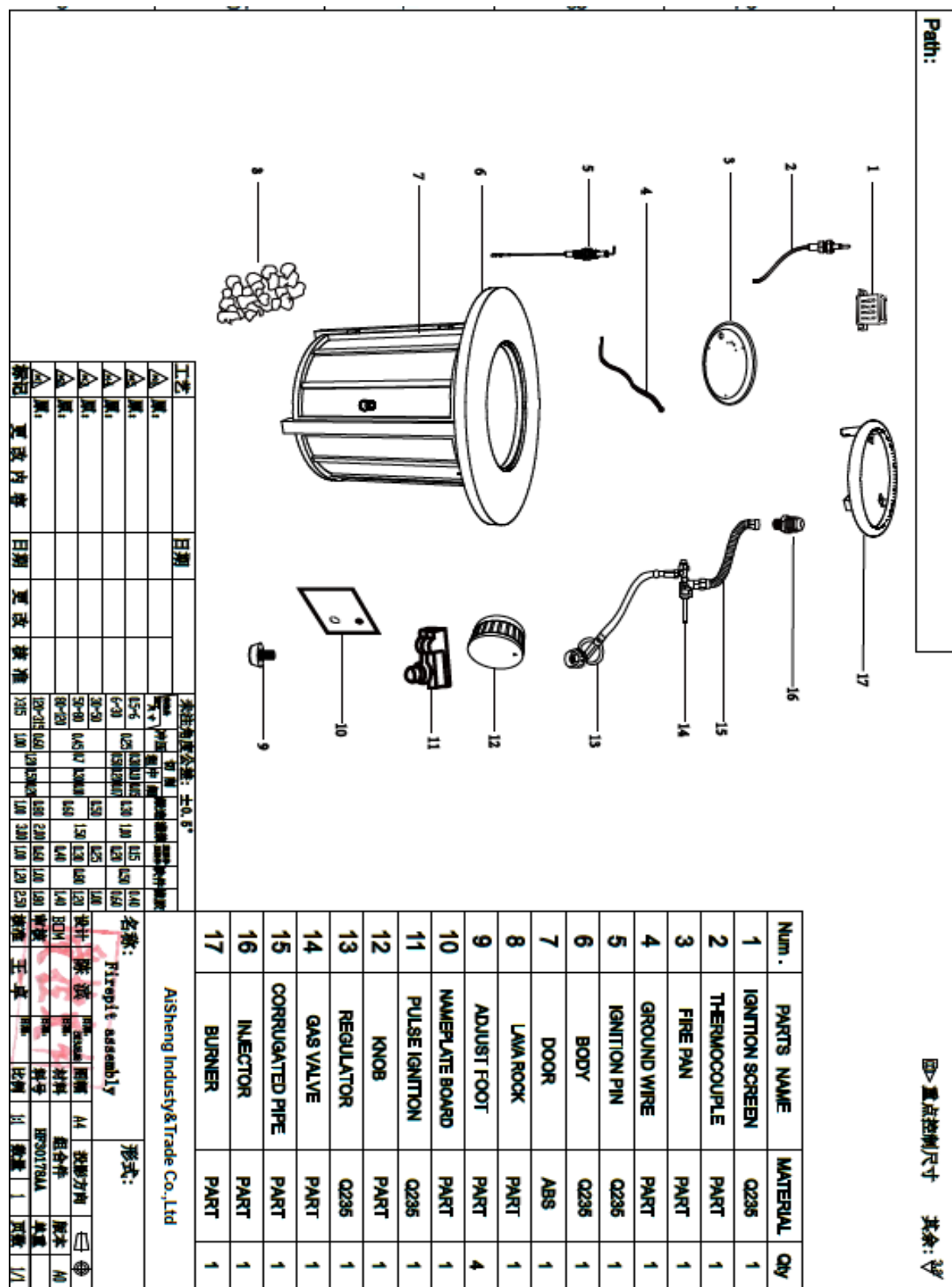




**Illustration 37 - Explode drawings of model HF28191.**

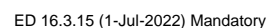


**Illustration 38 - Explode drawings of model HF30178.**

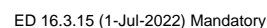




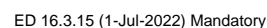
**Illustration 39 - Explode drawings of model HF30806.**



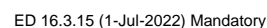
**Illustration 40 - Explode drawings of model HF30808.**



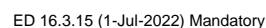
**Illustration 41 - Explode drawings of model HF31188.**



**Illustration 42 - Explode drawings of model HF31189.**



**Illustration 43 - Explode drawings of model HF26708.**



## 7.0 Illustrations

Illustration 44 - Explode drawings of model HF31702AA.

Path:

Num.	PARTS NAME	MATERIAL	Qty
1	IGNITION SCREEN	Q235	1
2	THERMOCOUPLE	PART	1
3	FIRE PAN	PART	1
4	GROUND WIRE	PART	1
5	IGNITION PIN	Q235	1
6	BODY	Q235	1
7	DOOR	ABS	1
8	LAVA ROCK	PART	1
9	ADJUST FOOT	PART	4
10	NAMEPLATE BOARD	PART	1
11	PULSE IGNITION	Q235	1
12	KNOB	PART	1
13	REGULATOR	Q235	1
14	GAS VALVE	PART	1
15	CORRUGATED PIPE	PART	1
16	INJECTOR	PART	1
17	BURNER	PART	1

工艺	日期	更改内容	日期	更改	批准	审核	制图	校对	工艺	日期	更改内容	日期	更改	批准	审核	制图	校对	工艺	日期	更改内容	日期	更改	批准	审核	制图	校对
1									1									1								
2									2									2								
3									3									3								
4									4									4								
5									5									5								
6									6									6								
7									7									7								
8									8									8								
9									9									9								
10									10									10								
11									11									11								
12									12									12								
13									13									13								
14									14									14								
15									15									15								
16									16									16								
17									17									17								

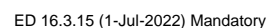
名称: Firepit assembly 形式:

Aisheng Industry&Trade Co.,Ltd

比例: 1:1 数量: 1 页次: 1/1



**Illustration 45 - Explode drawings of model HF30807.**





## 7.0 Illustrations

Illustration 46 - Explode drawings of model HF36177.

Path: 重点控制尺寸 其余: 3D

Num.	PARTS NAME	MATERIAL	Qty
1	IGNITION SCREEN	Q235	1
2	THERMOCOUPLE	PART	1
3	FIRE PAN	PART	1
4	GROUND WIRE	PART	1
5	IGNITION PIN	Q235	1
6	BODY	Q235	1
7	LAVA ROCK	PART	1
8	ADJUST FOOT	PART	4
9	NAMEPLATE BOARD	PART	1
10	PULSE IGNITION	Q235	1
11	KNOB	PART	1
12	REGULATOR	Q235	1
13	GAS VALVE	PART	1
14	CORRUGATED PIPE	PART	1
15	INJECTOR	PART	1
16	BURNER	PART	1

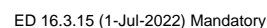
工艺	日期	更改内容	日期	更改批准
△				
△				
△				
△				
△				
△				
△				
△				
△				
△				

名称: Firepit assembly  
形式: A1

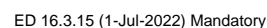
设计: 陈洪  
审核: 王成  
材料: 组合件  
零件: 1771A  
数量: 1  
页次: 1/1

备注: 未注公差: ±0.5°

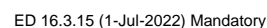
**Illustration 47 - Explode drawings of model HF40908.**



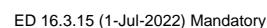
**Illustration 48 - Explode drawings of model HF42181.**



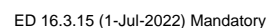
**Illustration 49** - Explode drawings of model HF42182.



**Illustration 50 - Explode drawings of model HF42603.**

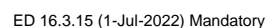


**Illustration 51 - Explode drawings of model HF42704.**



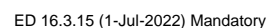


**Illustration 52 - Explode drawings of model HF42708.**



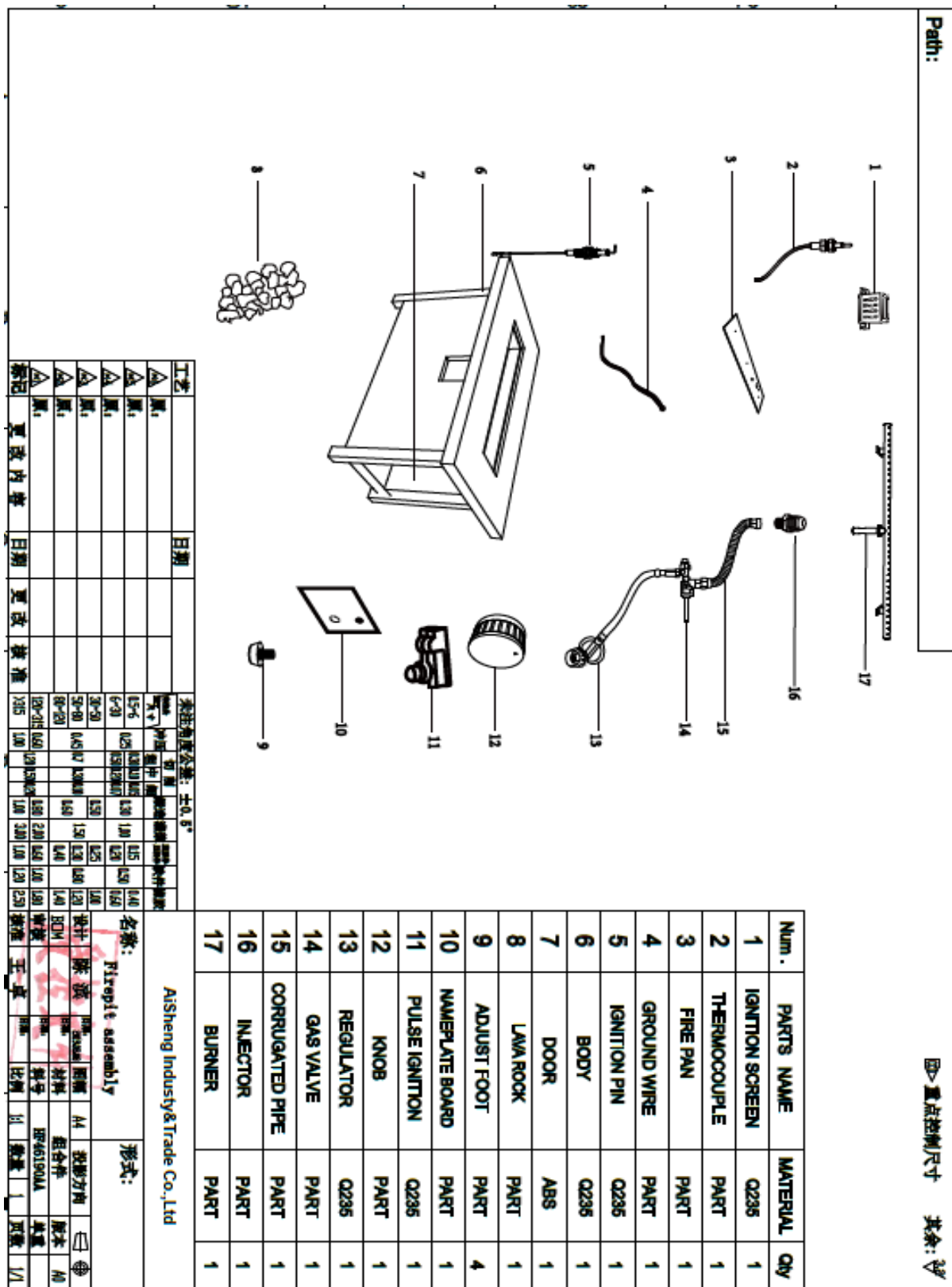


**Illustration 53** - Explode drawings of model HF45701.

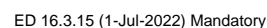


7.0 Illustrations

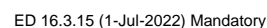
Illustration 54 - Explode drawings of model HF46190.



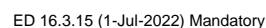
**Illustration 55 - Explode drawings of model HF48708.**



**Illustration 56 - Explode drawings of model HF48718.**

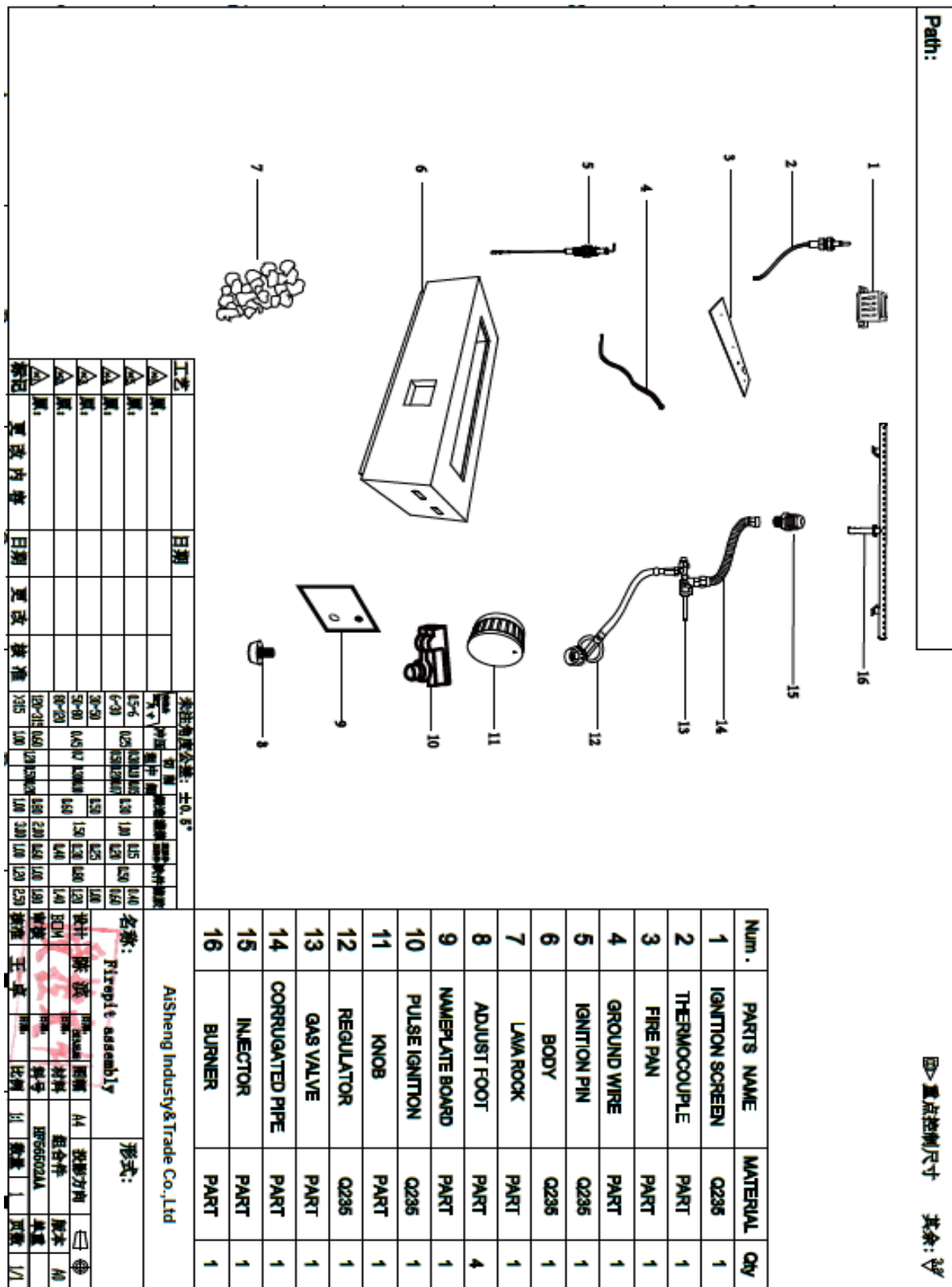


**Illustration 57 - Explode drawings of model HF54707.**



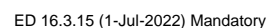
7.0 Illustrations

Illustration 58 - Explode drawings of model HF56502.



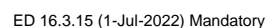


**Illustration 59 - Explode drawings of model HF19000AA.**



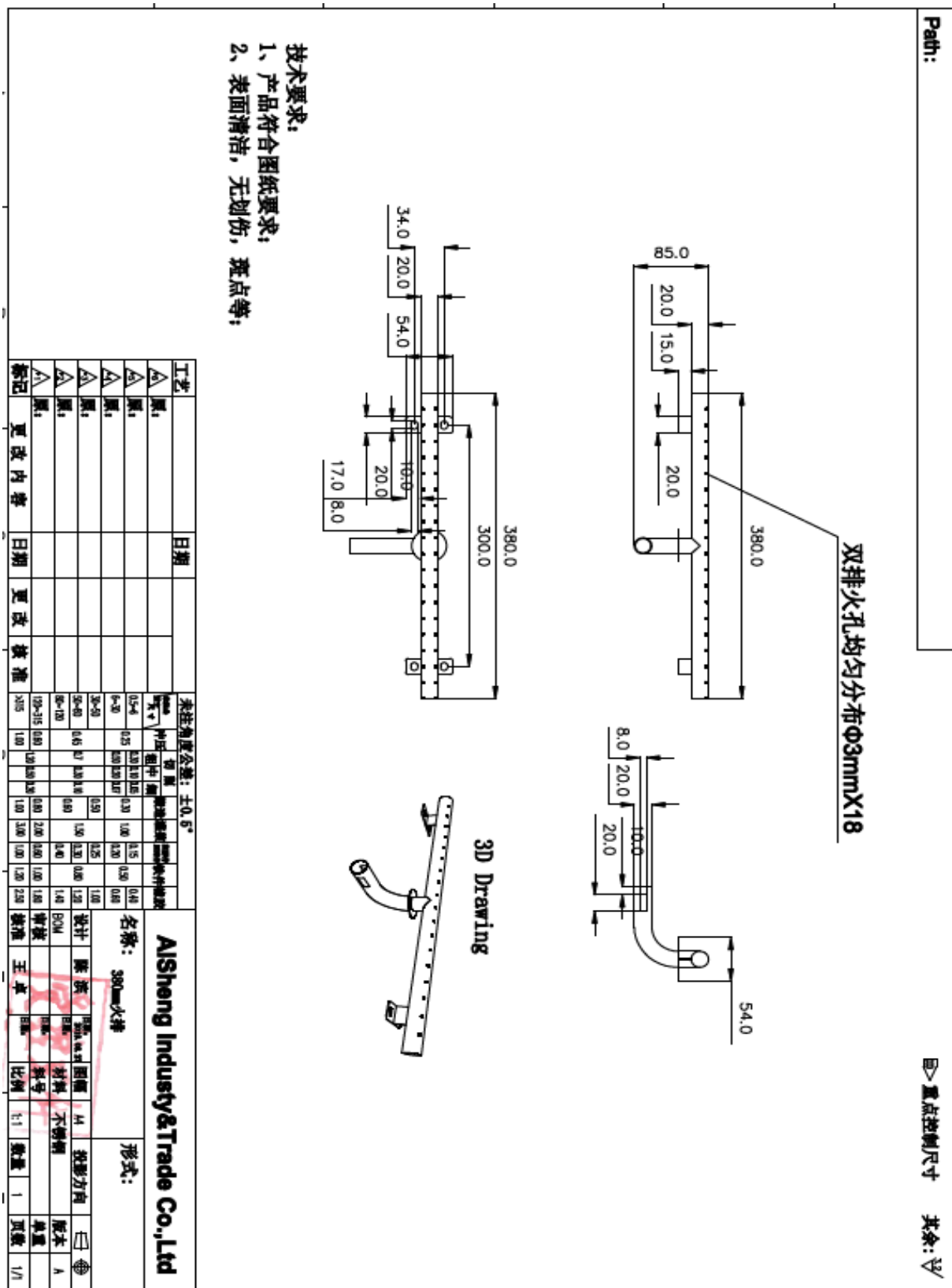


**Illustration 60 - Explode drawings of model HF32818.**

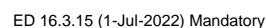


## 7.0 Illustrations

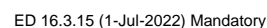
Illustration 61 - 380mm type burner.



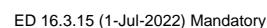
**Illustration 62 - 580mm type burner.**



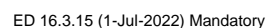
**Illustration 63 - 640mm type burner.**



**Illustration 65 - 740mm type burner.**

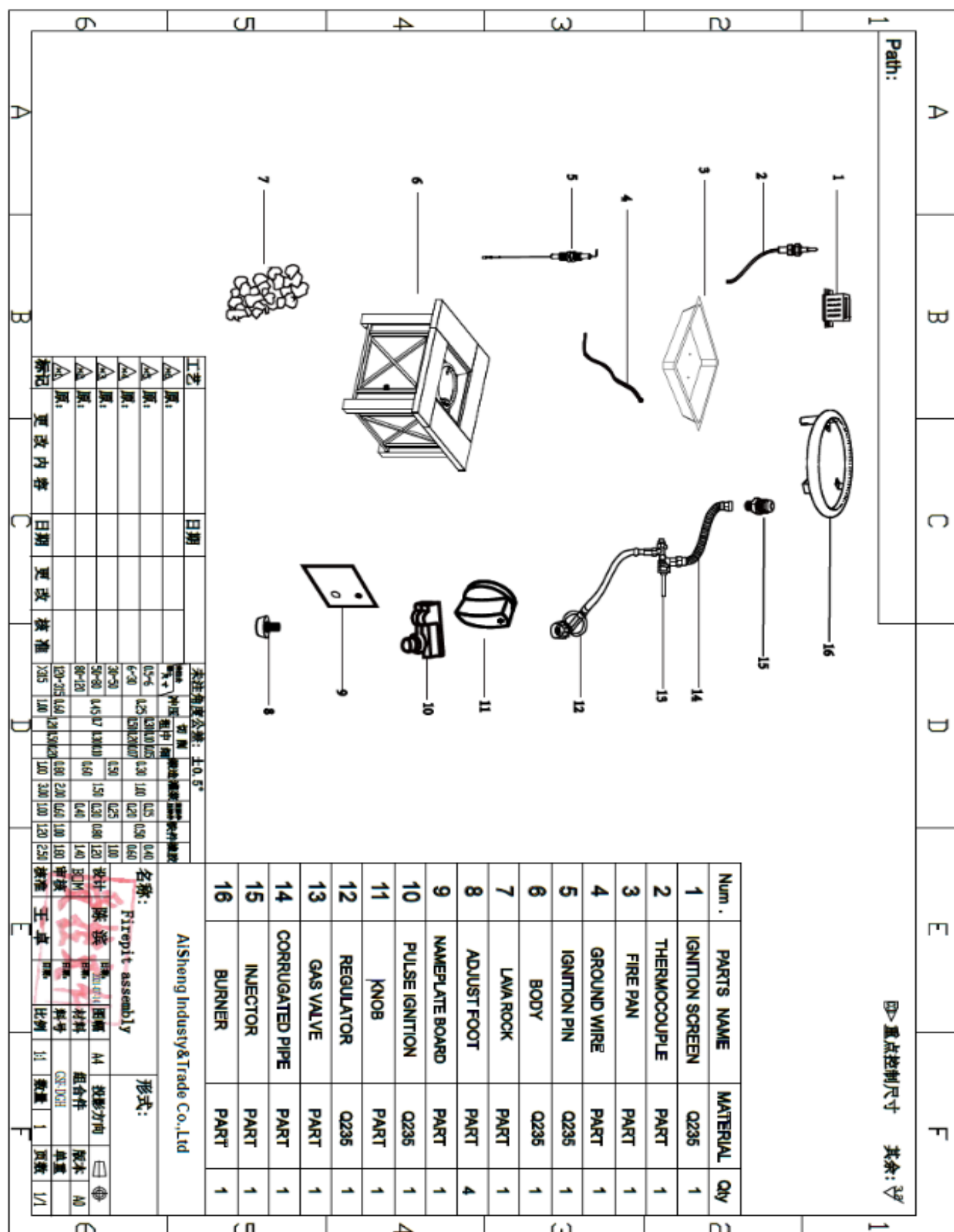


**Illustration 66 - 855mm type burner.**



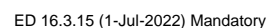
## 7.0 Illustrations

**Illustration 68** - Explode drawings of models GSF-DGH and GSF-DGHSS.

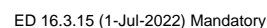




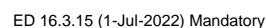
**Illustration 69** - Explode drawings of models GS-F-PC and GS-F-PCSS.



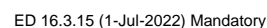
**Illustration 70 - Explode drawings of model GSF-PR-PC.**



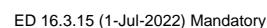
**Illustration 71 - Explode drawings of model HF23208AA.**



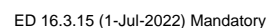
**Illustration 72 - Explode drawings of model HF28199AA.**



**Illustration 73 - Explode drawings of model HF28201.**

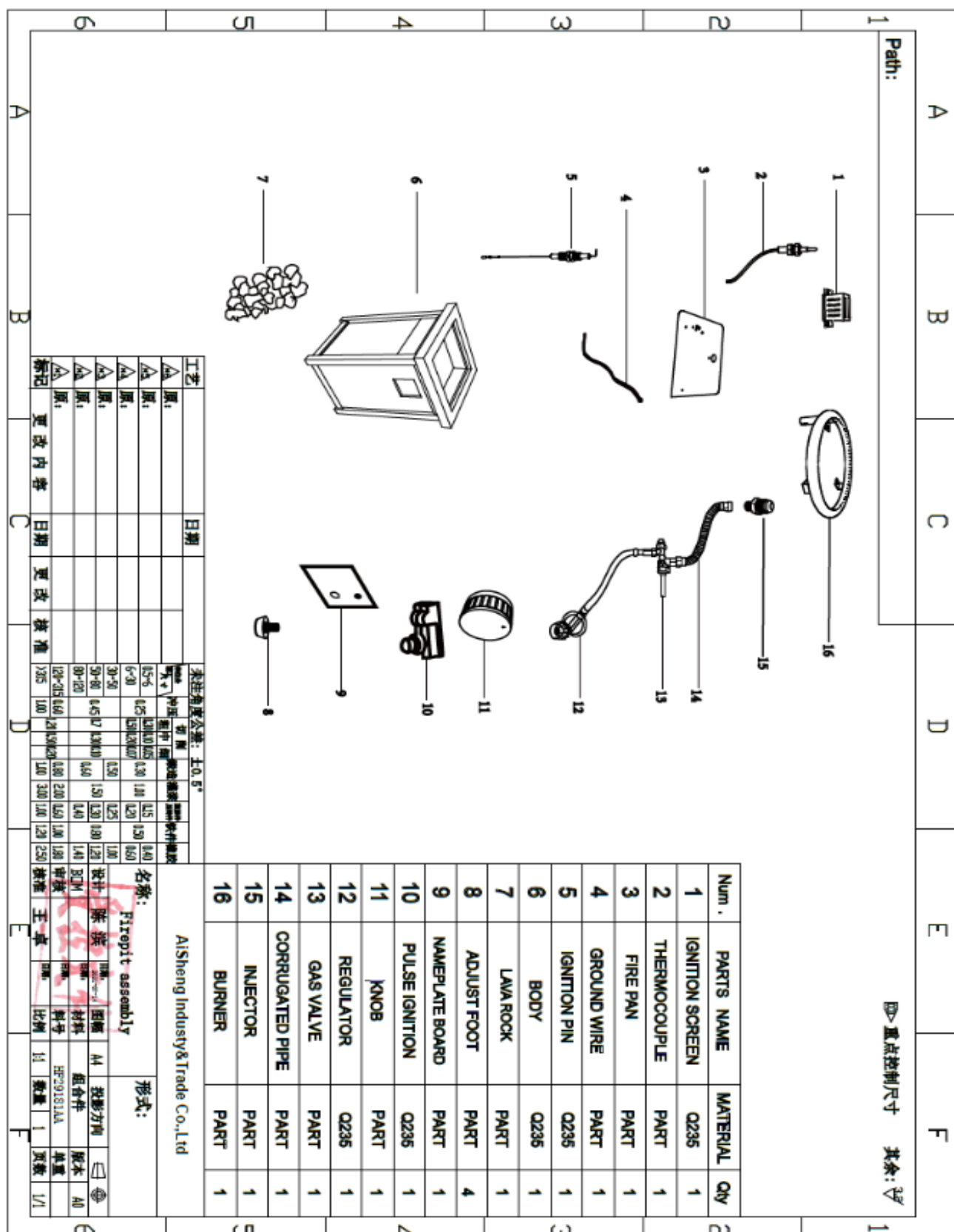


**Illustration 74 - Explode drawings of model HF28209AA.**



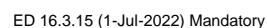


**Illustration 75 - Explode drawings of model HF29181AA.**

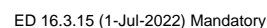




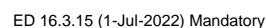
**Illustration 76 - Explode drawings of model HF30171AA.**



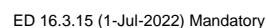
**Illustration 77 - Explode drawings of model HF30181.**



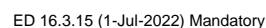
**Illustration 78 - Explode drawings of model HF30200.**



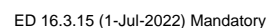
**Illustration 79 - Explode drawings of model HF30201AA .**



**Illustration 80 - Explode drawings of model HF30208AA .**

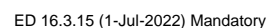


**Illustration 81 - Explode drawings of model HF30209AA .**



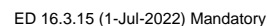


**Illustration 82 - Explode drawings of model HF30900.**

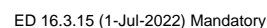




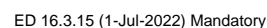
**Illustration 83 - Explode drawings of model HF30913AA.**



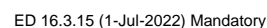
**Illustration 84 - Explode drawings of model HF30914AA.**



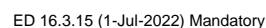
**Illustration 85 - Explode drawings of model HF32601AA.**



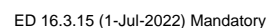
**Illustration 86 - Explode drawings of model HF35181AA.**



**Illustration 87 - Explode drawings of model HF35209AA.**

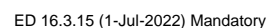


**Illustration 88 - Explode drawings of model HF42191.**



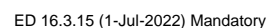


**Illustration 89 - Explode drawings of model HF42192.**

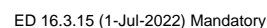




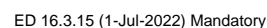
**Illustration 90 - Explode drawings of model HF42801AA.**



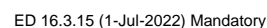
**Illustration 91** - Explode drawings of model HF44208AA.



**Illustration 92 - Explode drawings of model HF44209AA.**

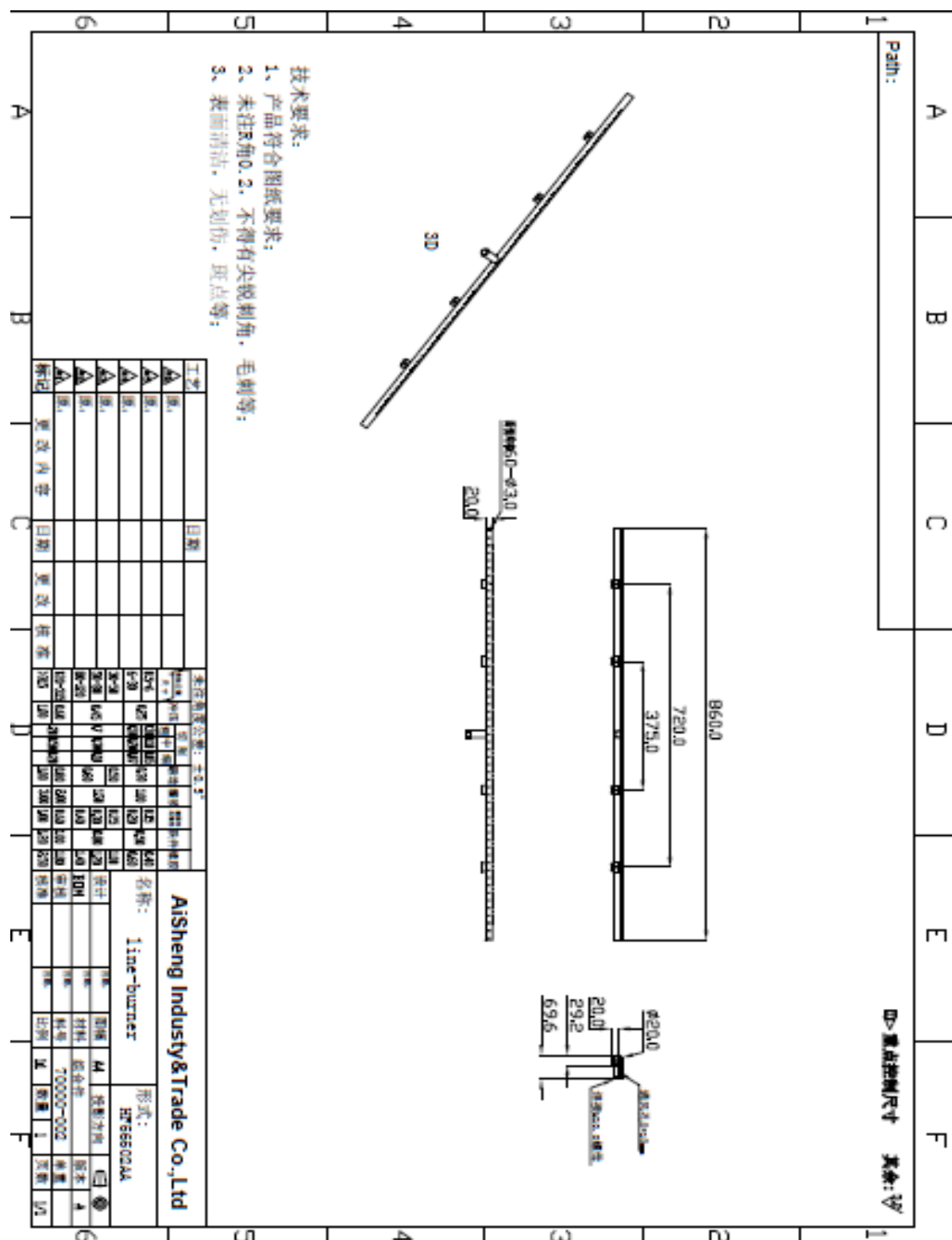


**Illustration 93** - Explode drawings of model SH19181AA.

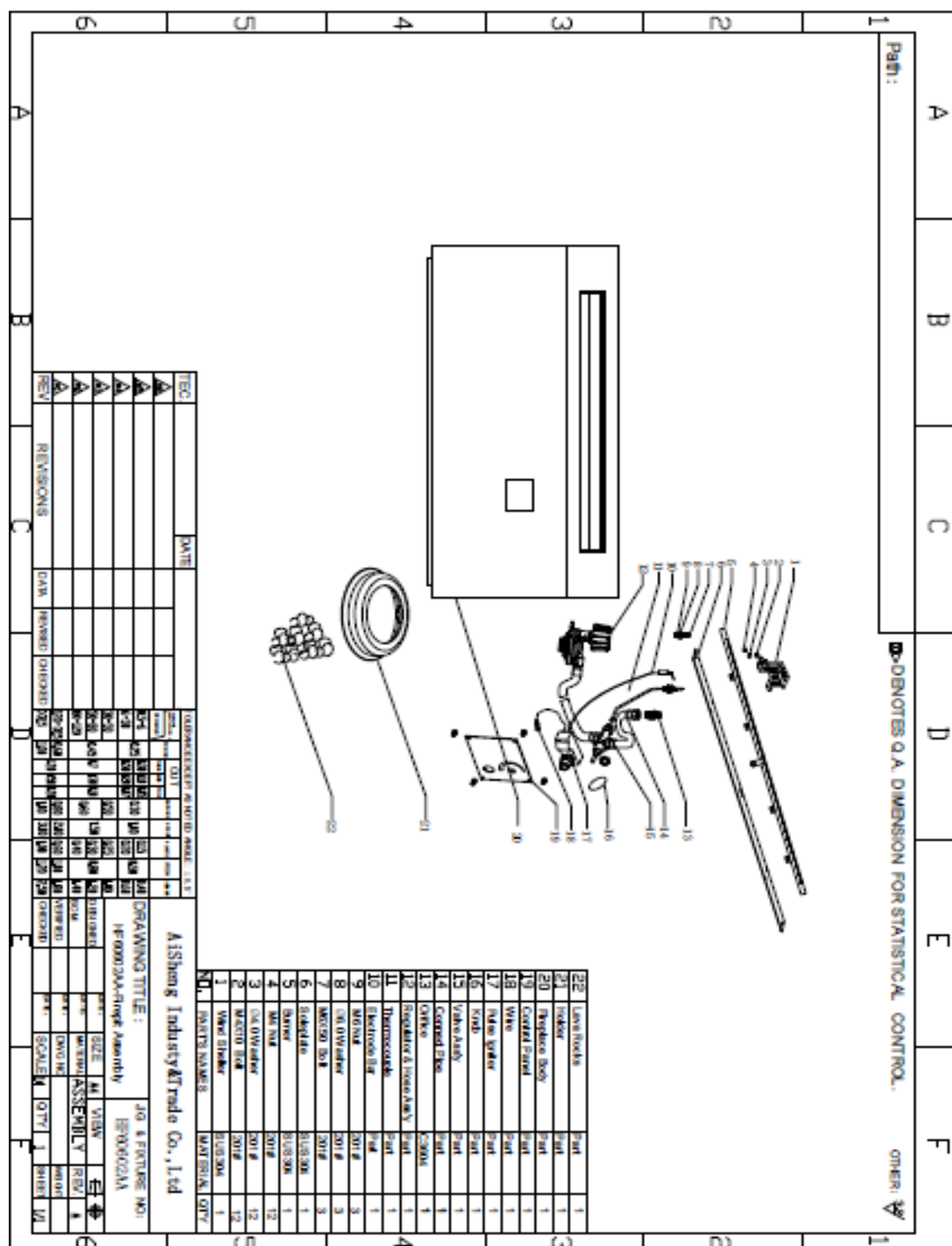


## 7.0 Illustrations

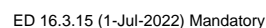
Illustration 94- Burner of 70000BTU model



**Illustration 95 - Explode drawings of model HF60602AA (70000BTU)**



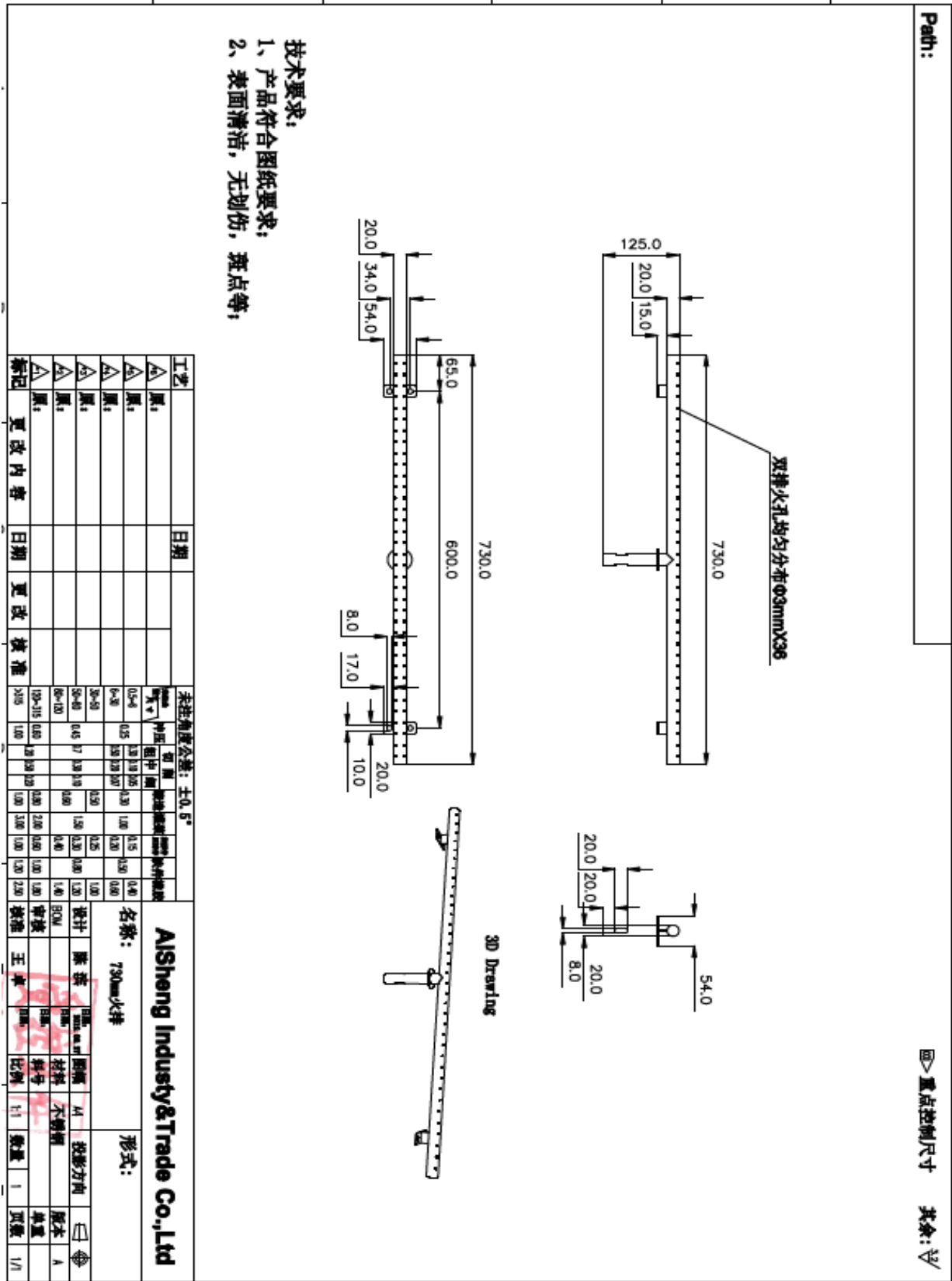
**Illustration 96 - 700mm type burner.**





7.0 Illustrations

Illustration 97 - 730mm type burner.



## 7.0 Illustrations

Illustration 98 - Rating table of ML1 model 600081-Eng & Fre.

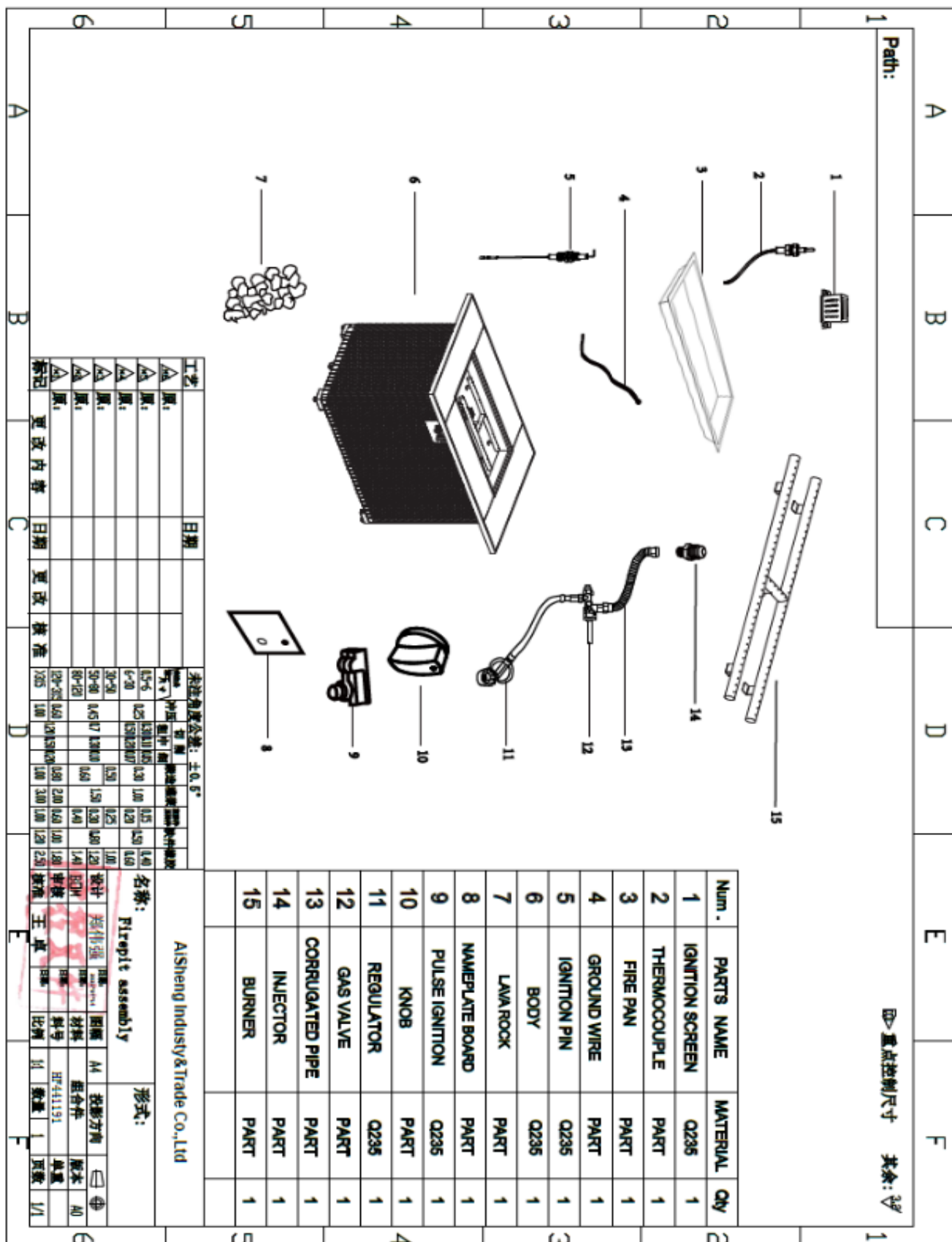
<p>MODEL NO.: 600081 TYPE OF GAS: Propane Input rate: 50000BTU/HR (Orifice Size 2.25mm) Serial Number: 00001-2018 Max inlet pressure: 250PSI Min inlet pressure: 5PSI</p>		<p>Minimum fire pit clearances from combustible materials: 24" from the sides and rear and at least 72" from ceiling.</p> <p>The gas supply must be turned off at the LP-gas supply cylinder when this appliance is not in use.</p> <p>Do not use this appliance under overhead combustible surface:</p> <p>a. Do not store a spare LP-gas cylinder under or near this appliance. b. Never fill the cylinder beyond 80 percent full.</p> <p>If the information in (a) and (b) is not followed exactly, a fire causing death or serious injury may occur.</p>	
<p><b>FOR OUTDOOR USE ONLY</b> If stored indoors, detach and leave cylinder outdoors.</p> <p><b>"CAUTION:</b> The gas pressure regulator provided with this appliance must be used. This regulator is set for an outlet pressure of 11 inches water column."</p> <p>Cover must be removed when burner is in operation.</p>		<p><b>WARNING</b> Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.</p>	
<p><b>DANGER</b></p> <p><b>CARBON MONOXIDE HAZARD</b> 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.</p>		<p><b>WARNING</b> 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.</p>	
<p>CTM INTERNATIONAL GIFTWARE INC. 11420, Albert Hudon, Montreal, QC, Canada H1G 3J6 ANS Z21.97-2017 • CSA2.41-2017, Outdoor Decorative Gas Appliances</p>		<p>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 with supplier.</p>	

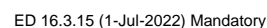
<p>Número de modelo: 600081 Type de gaz: Propane Débit calorifique horaire: 50000BTU/HR (Orifice Size 2.25 mm) Numéro de série: 00001-2018 Pression d'entrée max : 250PSI Pression d'entrée min : 5PSI</p>		<p>Dégagement minimal des surfaces combustibles : Côtés : 61 cm Haut : 183 cm</p> <p>L'alimentation en gaz doit être coupée au niveau de la bouteille d'alimentation en gaz LP lorsque cet appareil n'est pas utilisé.</p> <p>N'utilisez pas cet appareil sous une surface combustible aérienne:</p> <p>a. Ne stockez pas de bouteille de gaz LP de recharge sous ou à proximité de cet appareil. b. Ne jamais remplir le cylindre au-delà de 80% de sa capacité.</p> <p>Si les informations de (a) et (b) ne sont pas suivies à la lettre, un incendie peut causer la mort ou des blessures graves.</p>	
<p><b>POUR LES SEULEMENTS D'EXTERIEUR</b> Si à l'intérieur stocké, détachez et cylindres employés à l'extérieur.</p> <p><b>*ATTENTION:</b> Le régulateur de pression de gaz fourni avec cet appareil doit être utilisé. Ce régulateur est réglé pour une pression de sortie de 11 pouces colonne d'eau."</p> <p>Le couvercle doit être retiré lorsque le brûleur est en marche.</p>		<p><b>AVERTISSEMENT</b> Les installations, réglage, modification, réparation ou entretiens ou entretiens incorrects présentent des risques de dommages corporels ou matériels. Consultez le guide d'utilisation 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.</p>	
<p><b>DANGER</b></p> <p><b>DANGER DU MONOXYDE DE CARBONE</b> Cet appareil peut produire le monoxyde 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, une tente ou une maison.</p>		<p><b>AVERTISSEMENT</b> Ne pas entreposer ni utiliser l'essence ni d'autres vapeurs ou liquides 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.</p>	
<p>CTM INTERNATIONAL GIFTWARE INC. 11420, Albert Hudon, Montreal, QC, Canada H1G 3J6 ANS Z21.97-2017 • CSA2.41-2017, Outdoor Decorative Gas Appliances</p>		<p>Le manuel d'instructions contient des informations importantes nécessaires au bon montage et à l'utilisation en toute sécurité de l'appareil. Le manuel d'instructions contient des informations importantes afin de pouvoir assembler et utiliser l'appareil correctement en toute sécurité. Suivez tous les avertissements et instructions lors de l'utilisation de l'appareil. Si des instructions ou des pièces manquent, contactez le fournisseur.</p>	

## 7.0 Illustrations

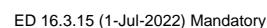
Illustration 99 - Explode drawings of model HF441191.



**Illustration 100** - Explode drawings of model HF301192.

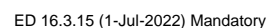


**Illustration 101** - Explode drawings of model HF281193.



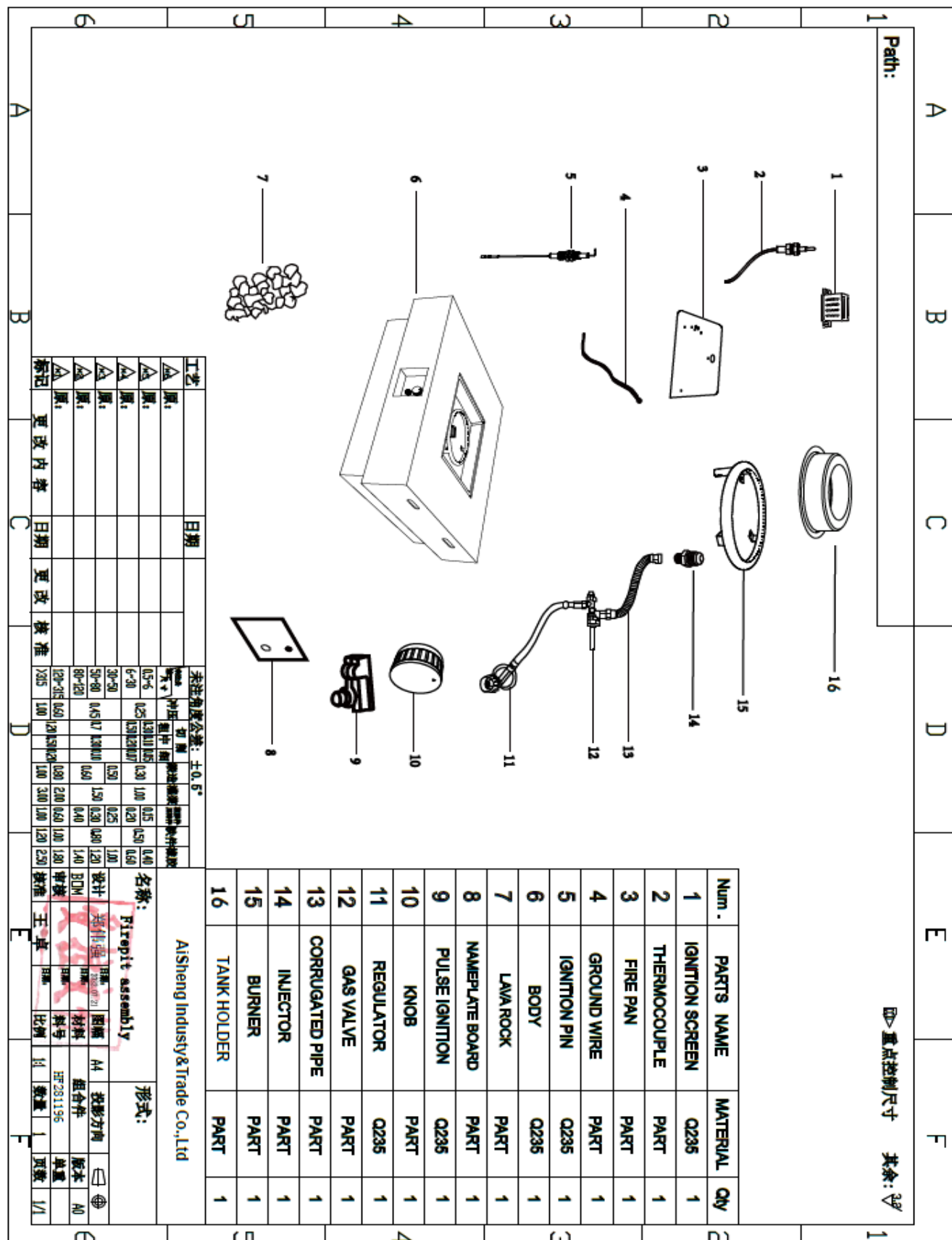


**Illustration 102** - Explode drawings of model HF281195.



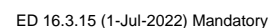
## 7.0 Illustrations

Illustration 103 - Explode drawings of model HF281196.

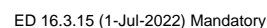




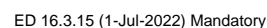
**Illustration 104 - Explode drawings of model HF281198.**



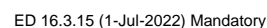
**Illustration 105 - Explode drawings of model HF23810AA.**



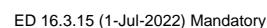
**Illustration 106 - Explode drawings of model HF32210AA.**



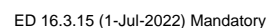
**Illustration 107 - Explode drawings of model HF44210AA.**



**Illustration 108 - Explode drawings of model HF52210.**

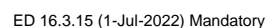


**Illustration 109 - Explode drawings of model HF60180.**



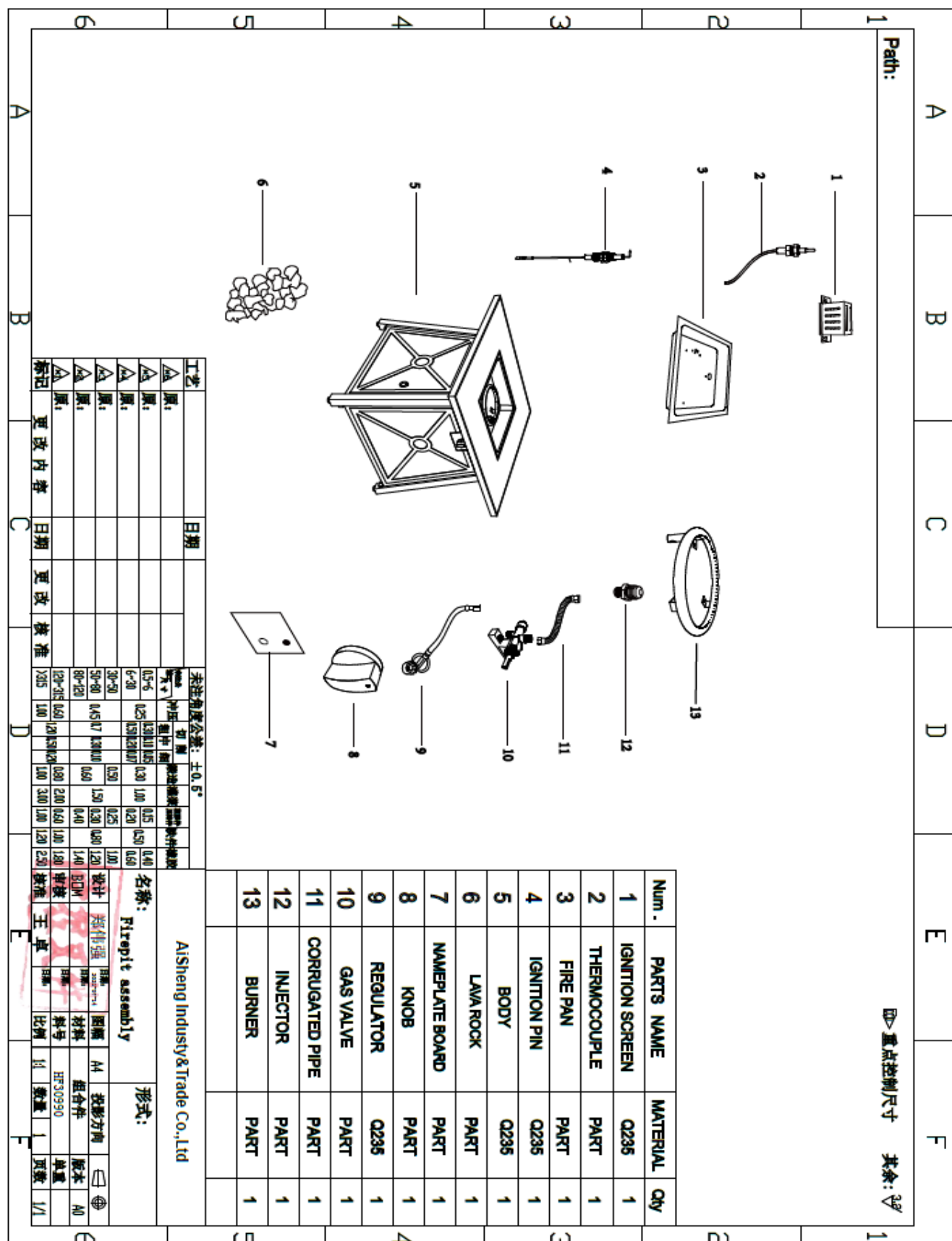


**Illustration 110 - Explode drawings of model HF60182.**

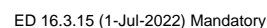




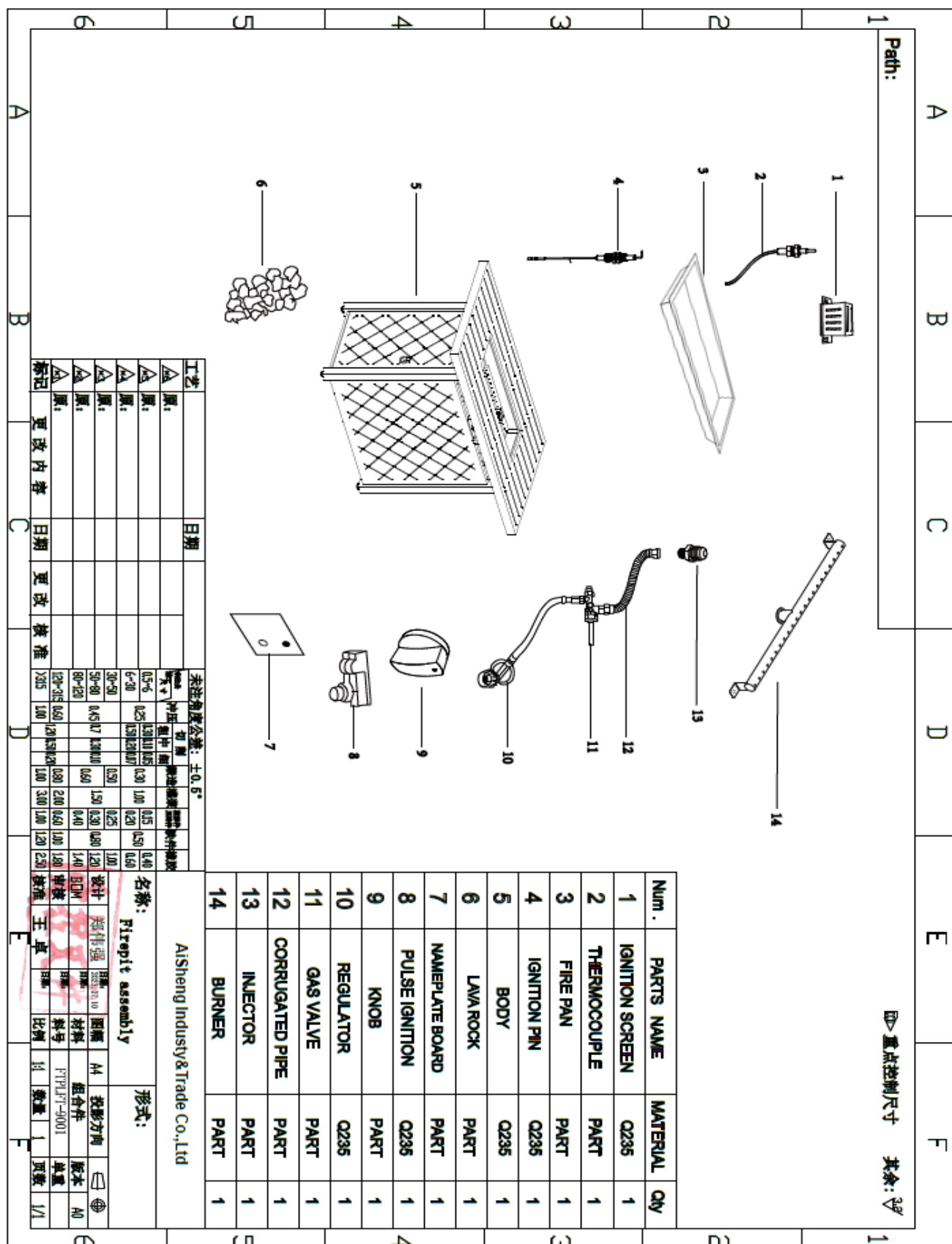
**Illustration 111 - Explode drawings of model HF30990.**



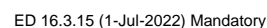
**Illustration 112 - Explode drawings of model HF30991.**



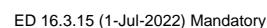
**Illustration 113** - Explode drawings of model 9001.



**Illustration 114 - Explode drawings of model 9002.**

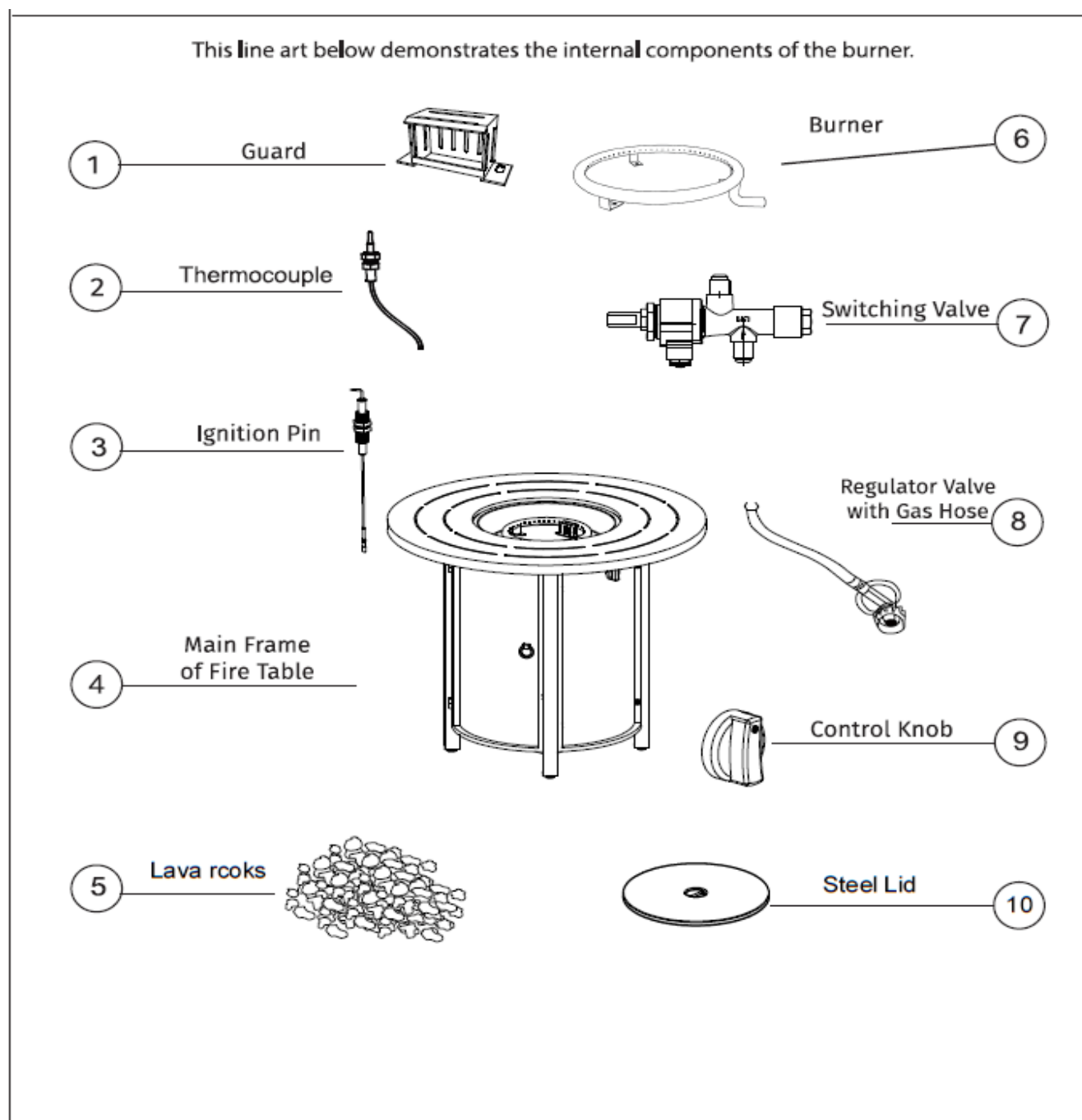


**Illustration 115 - Explode drawings of model 9003.**



## 7.0 Illustrations



**Illustration 116** - Explode drawings of model HF34181-R.



8.0 Test Summary					
Evaluation Period	19-Oct-17			Project No.	171017110GZU
Sample Rec. Date	18-Oct-2017	Condition	Prototype	Sample ID.	S171017110-001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Block E, No,7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, CETDD Guangzhou)				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
Due to the previous testing performed under Intertek Report 160518113GZU-001 only the following testing was performed.					
Test Description	ANSI Z21.97 Issued: 2014/03/01 Outdoor Decorative Gas Appliances CSA 2.41 Issued: 2014/03/01 Outdoor Decorative Gas Appliances				
Test pressures and burner adjustments	5.3				
Combustion	5.4				
Burner operating characteristics	5.5				
Manual ignition systems	5.9				
Evaluation Period	16-Mar-18			Project No.	180124126GZU
Due to the previous testing performed under Intertek Report 160518113GZU-001 no additional testing was necessary					
Evaluation Period	4-Jan-19			Project No.	181227041GZU
Due to the previous testing performed under Intertek Report 160518113GZU-001 no additional testing was necessary					
Evaluation Period	28-Aug-2019~9-Sep-2019			Project No.	190821049GZU
Sample Rec. Date	27-Aug-2019	Condition	Prototype	Sample ID.	S190821049GZU.001~017
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China.)				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
Due to the previous testing performed under Intertek Report 160518113GZU-001 only the following testing was performed.					
Test Description	Outdoor Decorative Gas Appliances [ANSI Z21.97:2017 Ed.3]  Outdoor Decorative Gas Appliances [CSA 2.41:2017 Ed.3]				
Input rate	5.3.5				
Combustion	5.4				
Burner operating characteristics	5.5				
Rain Test	5.16				



8.0 Test Summary				
Evaluation Period	2-Nov-20		Project No.	201016023GZU
Due to the previous testing performed under Intertek Report 160518113GZU-001 no additional testing was necessary				
Evaluation Period	03-Dec-2020~09-Dec-2020		Project No.	201202083GZU
Sample Rec. Date	3-Dec-2020	Condition	Prototype	Sample ID. S201202083GZU.001~002
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China.)			
Test Procedure	Testing Lab			
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.				
Due to the previous testing performed under Intertek Report 160518113GZU-001 only the following testing was performed.				
Test Description		Outdoor Decorative Gas Appliances [ANSI Z21.97:2017 Ed.3]		
		Outdoor Decorative Gas Appliances [CSA 2.41:2017 Ed.3]		
		Input rate		
		Combustion		
		Burner operating characteristics		
Rain Test		5.16		
Evaluation Period	15-Sep-21		Project No.	210914131GZU
Due to the previous testing performed and reported above, no additional testing was necessary.				
Evaluation Period	1-Aug-22		Project No.	220722031GZU
Due to the previous testing performed and reported above, no additional testing was necessary.				
Evaluation Period	15/Sep/22-19/Sep/22		Project No.	220915024GZU
Sample Rec. Date	15-Sep-2022	Condition	Prototype	Sample ID. S220915024GZU.001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China.)			
Test Procedure	Testing Lab			
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.				
Due to the previous testing performed and Reported above only the following testing was performed.				
Test Description		Outdoor Decorative Gas Appliances [ANSI Z21.97:2017 Ed.3]		
		Outdoor Decorative Gas Appliances [CSA 2.41:2017 Ed.3]		
		Input rate		
		Combustion		
		Burner operating characteristics		
Manual ignition systems		5.9		
Manually operated gas valves		5.10		
Wall, floor, and ceiling temperatures		5.15		
Rain test		5.16		
Wind test		5.17		
Burner durability		5.18		
Appliance structure		5.21		
Evaluation Period	13-Feb-23		Project No.	230130003GZU
Due to the previous testing performed and reported above, no additional testing was necessary.				

8.0 Test Summary			
Evaluation Period	20-Jun-23		Project No. 230620069GZU
Due to the previous testing performed and reported above, no additional testing was necessary.			
Evaluation Period	20-Jul-23		Project No. 230717055GZU
Due to the previous testing performed and reported above, no additional testing was necessary.			
Evaluation Period	6-Nov-23		Project No. 231103097GZU
Sample Rec. Date	3-Nov-2023	Condition	Prototype
			Sample ID. S231103097GZU.001
Test Location	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China.)		
Test Procedure	Testing Lab		
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.			
Due to the previous testing performed and Reported above only the following testing was performed.			
Test Description	Outdoor Decorative Gas Appliances [ANSI Z21.97:2017 Ed.3] Outdoor Decorative Gas Appliances [CSA 2.41:2017 Ed.3]		
Input rate	5.3.5		
Combustion	5.4		
Appliance structure	5.21		
8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Zhifang Cai	Reviewed by:	Kevin Yi
Title:	Engineer	Title:	Mandate Reviewer
Signature:		Signature:	

## 9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

<b>BASIC LISTEE</b>	Xiamen Aisheng Industry&Trade CO.,Ltd
Address	NO.2 Mei Yun Road, Lianhua Town, Tong'an District, XIAMEN CITY Fujian
Country	China
Product	Outdoor Gas Fireplace

<b>MULTIPLE LISTEE 1</b>	CTM international giftware INC.
Address	11420,Albert Hudon, Montreal Quebec Canada H1G3J6
Country	Canada
Brand Name	NA

<b>ASSOCIATED MANUFACTURER</b>	Xiamen Aisheng Industry&Trade CO.,Ltd
Address	NO.2 Mei Yun Road, Lianhua Town, Tong'an District, XIAMEN CITY Fujian
Country	China

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS
69957-2	HF24608AA
69991-2	HF24609AA
69910	HF09501AA
69912	HF11802AA
69946	HF16411AA
69945	HF18301AA
69958-2, 600064	HF24501BB
69754, 600060	HF29308AA
69989-2	HF29702AA
COB10003	HF30178
69957-2BJS, 600052, 600025, 69957	HF31188AA
69990-2	HF31189AA
HF35209AA, COB10001	HF34501BA
600081	HF36402AA
CFP017, COB10002	HF48718
HF54707AA-48	HF24411CA
900037	HF23208AA

<b>MULTIPLE LISTEE 2</b>	None
Address	
Country	
Brand Name	

<b>ASSOCIATED MANUFACTURER</b>	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

9.0 Correlation Page For Multiple Listings	
MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

## 10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

### COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments

### LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

**For US standards**, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

**For Canadian standards**, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

**If all standards on the ATM have the same standard title**, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

**Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.**

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

### MANUFACTURING AND PRODUCTION TESTS

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

### FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

### 10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

**The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.**

**Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.**

Managing CEC Location:

Intertek Testing Services Shenzhen Limited Guangzhou Branch

ETL Component Evaluation Center

Room 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District

Guangzhou, Guangdong, China

Attn: Ms. Joey Kuang

Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

<b>11.0 Manufacturing and Production Tests</b>	
The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:	
<b>Required Tests</b>	
11.1 Gas tightness 11.2 Burner Operating Characteristics 11.3 Combustion 11.4 Ignition	
<b>11.1 Gas tightness</b>	
<u>Method</u> 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 <u>Test Equipment</u> Gas leak tester	
<b>Products Requiring Gas tightness</b>	
<u>Product</u>	<u>Frequency</u>
All products covered by this Report.	100%
<b>11.2 Burner Operating Characteristics</b>	
<u>Method</u> 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. <u>Test Equipment</u> Stop watch, Pressure Meter	
<b>Products Requiring Burner Operating Characteristics</b>	
<u>Product</u>	<u>Frequency</u>
All products covered by this Report	5 pieces per quarter
<b>11.3 Combustion</b>	
<u>Method</u> 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 <u>Test Equipment</u> Stop watch, Pressure Meter, Analyzer for Flue Gases	
<b>Products Requiring Combustion</b>	
<u>Product</u>	<u>Frequency</u>
All products covered by this Report	5 pieces per quarter
<b>11.4 Ignition</b>	
<u>Method</u> 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 effectively ignite the burner within 4 seconds, after gas is available at the burner ports; Ignition test shall repeat at least 5 times. <u>Test Equipment</u> Stop watch, Pressure Meter	
<b>Products Requiring Ignition</b>	
<u>Product</u>	<u>Frequency</u>
All products covered by this Report	
Ignition test	100%



12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
16-Mar-2018	A.Lin/S.Yu			
180124126GZU		7.0	23-26	Add Illustration 23-26
		8.0	-	Add test summary for project 180124126GZU.
		9.0	1	Add ML1.
4-Jan-2019	B.Qiu/S.Yu			
181227041GZU		1.0	-	Changed applicant address from "Builing/NO.89 Fengnan da pu,Tong'an district,Xiamen City,Fujian province" to "NO.2 meiyun Road,Lianhua Town,Tong'an district,Xiamen City,Fujian Province"
		2.0	-	Added models HF31188AA, HF31189AA on sub-section "models","Models Smilarity".
		8.0	-	Added test summary for project 181227041GZU.
		9.0	1	Added Basic Listee Models HF31188AA , HF31189AA and Multiple Listee Models 69957-2BJS, 69990-2 on Multiple Listee 1.
20-Sep-2019	B.Qiu/S.Yu			
190821049GZU		1.0	-	Updated standard from ANSI Z21.97 Issued: 2014/03/01 Outdoor Decorative Gas Appliances  CSA 2.41 Issued: 2014/03/01 Outdoor Decorative Gas Appliances to Outdoor Decorative Gas Appliances [ANSI Z21.97:2017 Ed.3]  Outdoor Decorative Gas Appliances [CSA 2.41:2017 Ed.3].
		2.0	-	Added models HF28192, HF45701, HF26182, HF30808, HF30178, HF26708, HF24900, HF28190, HF28191, HF23810, HF30806, HF30807, HF36177, HF26900, HF23900, HF31188, HF28177, HF23610, HF31702AA, HF46190, HF48708, HF42603, HF42704, HF42181, HF54707, HF42182, HF31189, HF40908, HF42708, HF48718, HF56502, HF32818, HF19000AA, HF24608 on sub-section "models","Models Smilarity","Ratings".
		3.0	17-50	Added photos 17-50.
			27-67	Added illustrations 27-67.
		7.0	1 3-4 11-13 23-26	Updated 1, 3-4, 11-13, 23-26.
		8.0	-	Added test summary for project 190821049GZU.
		9.0	1	Added Manufacturer models HF24501BB, HF24501BB, HF31188AA, HF31188AA, HF18301AA, HF29308AA, HF31188AA and ML1 models 69958-2, 600064, 600052, 600025, 69945, 600060, 69957 on MULTIPLE CTM.
2-Nov-2020	E.Zheng/S.Yu			
201016023GZU		1.0	-	Changed the Applicant Address from "NO.2 meiyun Road,Lianhua Town,Tong'an district,Xiamen City,Fujian Province" to "NO.2 Mei Yun Road, Lianhua Town, Tong'an District, XIAMEN CITY Fujian".  Changed the Manufacturer Address from "NO.2 meiyun Road,Lianhua Town,Tong'an district,Xiamen City,Fujian Province" to "NO.2 Mei Yun Road, Lianhua Town, Tong'an District, XIAMEN CITY Fujian".
		8.0,8.1	-	New test block added, Re-signed.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
		9.0	1	Changed the MULTIPLE LISTEE Address from "11420,Albert Hudon, Montreal Quebec Canada H1G3J" to "11420,Albert Hudon, Montreal Quebec Canada H1G3J6". Added basic model HF34501BA and multiple listee model HF35209AA on ML1.
19-Aug-2021	B.Qiu/K.Yi			
201202083GZU		2.0	-	Added models HF30208AA, HF28209AA, HF44208AA, HF44209AA, HF32601AA, HF30171AA, HF23208AA, HF30914AA, HF30913AA, HF42801AA, HF42191, HF42192, HF28199AA, GSF-DGH, GSF-DGHSS, GS-F-PC, GS-F-PCSS, GSF-PR-PC, HF28201, HF30200, HF30181, HF30900, HF29181AA, HF35181AA, HF35209AA, HF30209AA, HF30201AA, SH19181AA on sub-section "models", "Models Smilarity".
		3.0	51-78	Added photos 51-78.
		7.0	1, 11, 23-24	Updated Illustrations 1, 11, 23-24.
			21, 64	Deleted Illustration 21, 64.
			3, 4, 12-13, 25-26	Removed ETL marking.
			67-97	Added Illustrations 67-97.
		8.0,8.1	-	New test block added, Re-signed.
22-Oct-2021	Z.Cai/K.Yi			
210914131GZU		4.0	1	Changed Technical data and securement means of 601-B from "Yung Shen & 5/8UNF Swivel,1/4"NPT,3/8"NPT,7/16"UNF Swivel,3/8"NPT(90degrees),M12*1.0(90degrees),1/8"NPT(90degrees)" to "Hose(5/16)": Chuan Hseng - CHL0251, Heater Hose – ZSHO-2, Guang Feng – LL516; Regulator: Yung Shen – 601-B; QCC: Yung Shen –YS900B, POL-Auto, YS-T01." on item 1.
			5	Added "the maximum inlet pressure of ½ psig" in Technical data and securement means of GS8, QZKCS90A, JCS90D on item 5.
			6	Changed Technical data and securement means of RD-X102 from "Number of terminals:Igniter for two(2) burners" to "Ambient temperature range -20°C to 105°C (-4°F to 221 °F)" on item 6.
		7.0	1, 8, 10-11	Updated Illustrations 1, 8, 10-11.
			23-24	Deleted Illustrations 23-24.
			98	Added Illustrations 98.
		8.0,8.1	-	New test block added, Re-signed.
		9.0	1	Added basic models HF36402AA, HF48718 and multiple listee models 600081, CFP017 on ML1.
14-Sep-2022	Z.Cai/K.Yi			
			1	Added Hose assembly of Ningbo Laite Gas Stoves Co., Ltd JY70A11A and JY70A12A; Hangzhou Fuyang Zhenda Gas Appliance Co., Ltd. T3-LL516; Ningbo Xingcheng Valve Co., Ltd. XQA01 and XQJ01 on item 1
			2	Added Ignition pin of Ningbo Henghui Sensor Technology Co., Ltd. ZH-353A and ZH-028B; Taishan Ruichuang Electron Co.,Ltd. RZ-111 on item 2.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
220722031GZU		4.0	3	Added Thermocouple of Ningbo Yinzhou Yuanming Hardware Co., Ltd YMT001 and YMT002; Ningbo Rian Electric Appliance Co., Ltd RBNJM-C and RBNJM-B on item 3.
			4	Added Connector of Shanghai Shenfu Corrugated Metal Hose Co., Ltd. Series 1/4; ChangZhou QunXin Metal Hose Co., Ltd. 1/4; Shanghai Laineng Industries Co., Ltd. 100-2014-L and 100-3014-L on item 4.
			5	Added Valve of Ningbo Chaoyang Household Gas Stoves Co., Ltd. AH901D01 on item 5.
			6	Added Igniter of Hubei J&V Electric Technology Co., Ltd. 58.1121.1 and 58.1221.1; Ningbo Yongshen Electric Appliance Co., Ltd. YD1.5-1A and YD1.5-1D; Dongguan Rui Chang Electronic Technology Co., Ltd RD-X102, RD-X202 and RD-X22K on item 6.
		6.0	5	Added "Schematics - Refer to Illustration No(s). 6-10, 14-20, 27-66, 68-97 for key drawings requiring verification during Field Representative Inspection Audits." on item 5.
		8.0,8.1	-	New test block added, Re-signed.
		9.0	1	Added basic models HF34501BA, HF48718, HF30178 and multiple listee models COB10001, COB10002, COB10003 on ML1 CTM international giftware INC.
2-Nov-2022	Z.Cai/K.Yi			
220915024GZU			-	Added new model "HF441191, HF301192, HF281193, HF281195, HF281196, HF281198, HF23810AA, HF32210AA, HF44210AA, HF52210, HF60180, HF60182, HF30990, HF30991" on sub-column "Models".
			-	Added "HF23810AA is similar as HF23810 with different appearance. HF281193 is similar as HF28191 with different appearance. HF281195, HF281198 are similar as HF28199AA with different appearance. HF301192, HF32210AA are similar as HF30208AA with different appearance. HF281196 is similar as HF30807AA with different appearance. HF60182 is similar as HF31189AA with different appearance. HF30990, HF30991 are similar as HF34501BA with different appearance. HF441191, HF44210AA, HF52210, HF60180 similar as HF44209AA with different appearance." on sub-column "Model Similarity".
		6.0	5	Added illustrations 99-112 on item 5.
		7.0	99-112	Added illustrations 99-112.
		8.0,8.1	-	New test block added, Re-signed.
17-Feb-2023	Z.Cai/K.Yi			
230130003GZU		1.0	-	Changed Applicant contact from "Wang zhou" to "Wang Zhuo".
			-	Changed Manufacturer contact from "Wang zhou" to "Wang Zhuo".
		8.0,8.1	-	New test block added, Re-signed.
		9.0	1	Added basic model HF24411CA and multiple listee model HF54707AA-48 on ML1 CTM international giftware INC.
28-Jun-2023	Z.Cai/K.Yi			
230620069GZU		8.0,8.1	-	New test block added, Re-signed.
		9.0	1	Added basic model HF23208AA and multiple listee model 900037 on ML1 CTM international giftware INC.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
24-Jul-2023	Z.Cai/K.Yi			
230717055GZU		2.0	-	Added new model "9001, 9002, 9003" on sub-column "Models".
			-	Added "9001, 9003 are similar as HF42192 with different appearance. 9002 is similar as HF54707 with different appearance. "Model Similarity".
		3.0	79-81	Added photos 79-81.
		6.0	5	Added illustrations 113-115 on item 5.
		7.0	113-115	Added illustrations 113-115.
		8.0,8.1	-	New test block added, Re-signed.
13-Nov-2023	Z.Cai/K.Yi			
231103097GZU	Zhifang Cai  Kevin Yi	2.0	-	Added new model "HF34181-R" on sub-column "Models".
			-	Added "HF34181-R is similar as HF30178 with different appearance." on sub-column "Model Similarity".
		3.0	82	Added photo 82.
		6.0	5	Added illustration 116 on item 5.
		7.0	116	Added illustration 116.
		8.0,8.1	-	New test block added, Re-signed.