



# Descriptive Report and Test Results

**MASTER CONTRACT:** 227680  
**REPORT:** 2451902  
**PROJECT:** 70206251

- Edition 1:** November 6, 2011; Project 2451902 – Guangzhou  
Issued by Terry Huang
- Edition 2:** January 10, 2012; Project 2489476 – Guangzhou  
Issued by Terry Huang
- Edition 3:** December 13, 2012; Project 2569517 – Guangzhou  
Prepared by Raymond Zhu ; Reviewed by Nicole Zeng

Report pages reissued  
Figures 103 to 196 were added.

- Edition 4:** October 28, 2013; Project 2670991 – Guangzhou  
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- Edition 5:** April 29, 2015; Project 70026630 – Guangzhou  
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- Edition 6:** November 3, 2015; Project 70049976 – Guangzhou  
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Figures 296 to 299 were added.

Contents: Certificate of Compliance - Page 1 to 2  
Supplement to Certificate of Compliance – Page 1  
Description and Tests - Pages 1 to 26  
Att1 Figures – 1 to 299  
Att2 Part III Plan

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**PRODUCTS**

CLASS – 2711-86 DOMESTIC GAS SPECIALTY COOKING APPL – Outdoor – Certified to U.S. Standards  
 CLASS – 2711-06 DOMESTIC GAS SPECIALTY COOKING APPL – Outdoor

<b>Model Numbers</b>	<b>Trade Name</b>	<b>Input Rating</b>
For Use With Liquefied Petroleum Gases		
Outdoor smoker, Portable		
DGY784BDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784BDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*DGY784CDB	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*DGY784CDB-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784CDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784CDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGS784CDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGS784CDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGS784BDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGS784BDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*DGS784BDB	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*DGS784BDB-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*DGS784CDB	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*DGS784CDB-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
*MFW784BDP	MasterForge	15,000 Btu/hr
*MFW784BDP-D	MasterForge	15,000 Btu/hr
MFY784CDP	MasterForge	15,000 Btu/hr
MFY784CDP-D	MasterForge	15,000 Btu/hr
*MFY784BDB	MasterForge	15,000 Btu/hr
*MFY784BDB-D	MasterForge	15,000 Btu/hr
MFY784BDP	MasterForge	15,000 Btu/hr
MFY784BDP-D	MasterForge	15,000 Btu/hr
*MFS784BDB	MasterForge	15,000 Btu/hr
*MFS784BDB-D	MasterForge	15,000 Btu/hr
MFS784BDP	MasterForge	15,000 Btu/hr
MFS784BDP-D	MasterForge	15,000 Btu/hr

Note: The model mark “\*” can use optional charcoal with specified 1.5 lb charcoal.

BGY784BDP	Backyard Grill	15,000 Btu/hr
BGY784BDP-D	Backyard Grill	15,000 Btu/hr
BGY784DDP	Backyard Grill	15,000 Btu/hr
BGY784DDP-D	Backyard Grill	15,000 Btu/hr
BGY784DPP	Backyard Grill	15,000 Btu/hr
BGY784EDP	Backyard Grill	15,000 Btu/hr
BGY784FDP	Backyard Grill	15,000 Btu/hr
BGY784GDP	Backyard Grill	15,000 Btu/hr
BGX784BDP	Backyard Grill	15,000 Btu/hr
BGX784BDP-D	Backyard Grill	15,000 Btu/hr
BGX784DDP	Backyard Grill	15,000 Btu/hr
BGX784DDP-D	Backyard Grill	15,000 Btu/hr
BGX784DPP	Backyard Grill	15,000 Btu/hr

BGX784EDP	Backyard Grill	15,000 Btu/hr
BGX784FDP	Backyard Grill	15,000 Btu/hr
BGX784GDP	Backyard Grill	15,000 Btu/hr
DGY784DDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784DDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784EDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784EDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784FDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGY784FDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGX784DDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGX784DDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGX784EDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGX784EDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGX784FDP	DynaGlo, DynaGlo Pro	15,000 Btu/hr
DGX784FDP-D	DynaGlo, DynaGlo Pro	15,000 Btu/hr
MFW784DDP	MasterForge	15,000 Btu/hr
MFW784DDP-D	MasterForge	15,000 Btu/hr
MFW784EDP	MasterForge	15,000 Btu/hr
MFW784EDP-D	MasterForge	15,000 Btu/hr
MFW784FDP	MasterForge	15,000 Btu/hr
MFW784FDP-D	MasterForge	15,000 Btu/hr
MFX784CDP	MasterForge	15,000 Btu/hr
MFX784BDP	MasterForge	15,000 Btu/hr
MFX784DDP	MasterForge	15,000 Btu/hr
MFX784DDP-D	MasterForge	15,000 Btu/hr
MFX784EDP	MasterForge	15,000 Btu/hr
MFX784EDP-D	MasterForge	15,000 Btu/hr
MFX784FDP	MasterForge	15,000 Btu/hr
MFX784FDP-D	MasterForge	15,000 Btu/hr
DGW1235BDP-D	Dyna-Glo	2 burners at 20,000 Btu/hr in total
BYW1235BDP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
BYW1235BSP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
BYW1235CDP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
BYW1235CSP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
DGW1235BDP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1235BSP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1235BSP-D	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1235CDP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1235CDP-D	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1235CSP	Dyna-Glo	2 burners at 20,000 Btu/hr in total

GMW1235BDP	Grill Mark	2 burners at 20,000 Btu/hr in total
GMW1235BSP	Grill Mark	2 burners at 20,000 Btu/hr in total
GMW1235CDP	Grill Mark	2 burners at 20,000 Btu/hr in total
GMW1235CSP	Grill Mark	2 burners at 20,000 Btu/hr in total
GZW1235BDP	Grill Zone	2 burners at 20,000 Btu/hr in total
GZW1235BSP	Grill Zone	2 burners at 20,000 Btu/hr in total
GZW1235CDP	Grill Zone	2 burners at 20,000 Btu/hr in total
GZW1235CSP	Grill Zone	2 burners at 20,000 Btu/hr in total
M1235DGBP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGBP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGBSP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGBSP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGCDP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGCDP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGCP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1235DGCSP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
MFW1235BDP	Master Forge	2 burners at 20,000 Btu/hr in total
MFW1235BSP	Master Forge	2 burners at 20,000 Btu/hr in total
MFW1235CDP	Master Forge	2 burners at 20,000 Btu/hr in total
MFW1235CSP	Master Forge	2 burners at 20,000 Btu/hr in total
MMW1235BDP	Members Mark	2 burners at 20,000 Btu/hr in total
MMW1235BSP	Members Mark	2 burners at 20,000 Btu/hr in total
MMW1235CDP	Members Mark	2 burners at 20,000 Btu/hr in total
MMW1235CSP	Members Mark	2 burners at 20,000 Btu/hr in total
PLW1235BDP	Pro Light	2 burners at 20,000 Btu/hr in total
PLW1235BSP	Pro Light	2 burners at 20,000 Btu/hr in total

PLW1235CDP	Pro Light	2 burners at 20,000 Btu/hr in total
PLW1235CSP	Pro Light	2 burners at 20,000 Btu/hr in total
DGW1904BDP-D	Dyna-Glo	2 burners at 20,000 Btu/hr in total
BYW1904BDP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
BYW1904BSP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
BYW1904CDP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
BYW1904CSP	Back Yard Grill	2 burners at 20,000 Btu/hr in total
DGW1904BDP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1904BSP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1904BSP-D	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1904CDP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1904CDP-D	Dyna-Glo	2 burners at 20,000 Btu/hr in total
DGW1904CSP	Dyna-Glo	2 burners at 20,000 Btu/hr in total
GMW1904BDP	Grill Mark	2 burners at 20,000 Btu/hr in total
GMW1904BSP	Grill Mark	2 burners at 20,000 Btu/hr in total
GMW1904CDP	Grill Mark	2 burners at 20,000 Btu/hr in total
GMW1904CSP	Grill Mark	2 burners at 20,000 Btu/hr in total
GZW1904BDP	Grill Zone	2 burners at 20,000 Btu/hr in total
GZW1904BSP	Grill Zone	2 burners at 20,000 Btu/hr in total
GZW1904CDP	Grill Zone	2 burners at 20,000 Btu/hr in total
GZW1904CSP	Grill Zone	2 burners at 20,000 Btu/hr in total
M1904DGBP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGBP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGBSP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGBSP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGCDP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGCDP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGCSP17	Dyna-Glo	2 burners at 20,000 Btu/hr in total
M1904DGCSP16	Dyna-Glo	2 burners at 20,000 Btu/hr in total
MFW1904BDP	Master Forge	2 burners at 20,000 Btu/hr in total
MFW1904BSP	Master Forge	2 burners at 20,000 Btu/hr in total
MFW1904CDP	Master Forge	2 burners at 20,000 Btu/hr in total
MFW1904CSP	Master Forge	2 burners at 20,000 Btu/hr in total
MMW1904BDP	Members Mark	2 burners at 20,000 Btu/hr in total
MMW1904BSP	Members Mark	2 burners at 20,000 Btu/hr in total
MMW1904CDP	Members Mark	2 burners at 20,000 Btu/hr in total
MMW1904CSP	Members Mark	2 burners at 20,000 Btu/hr in total
PLW1904BDP	Pro Light	2 burners at 20,000 Btu/hr in total
PLW1904BSP	Pro Light	2 burners at 20,000 Btu/hr in total
PLW1904CDP	Pro Light	2 burners at 20,000 Btu/hr in total
PLW1904CSP	Pro Light	2 burners at 20,000 Btu/hr in total

**APPLICABLE REQUIREMENTS**

ANSI Z21.89-2017/CSA 1.18-2017 Outdoor Cooking Specialty Gas Appliances

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

### **Nameplate adhesive label material approval information:**

All markings in compliance with the applicable requirements are found on figure no. 99 to 102, 193 to 195, 207 to 209, and 286 to 290. The specifications of the marking system are identified on figures no. 99 to 102, 193 to 195, 207 to 209, and 286 to 290.

### **ALTERATIONS**

#### Project No. 2451902

- Increased the distance between the charcoal box and the floor to pass the floor temperature test (please find the drawings on figure no. 61)

Project No. 2489476- No alteration required

Project No. 2569517- No alteration required

Project No. 2670991- No alteration required

#### Project No. 70026630

- Increased the flue outlet opening of DGW1235BDP-D and DGW1904BDP-D series from 12mm to 15mm to pass the combustion test (please find the drawings on figure no.282)

Project No. 70049976- No alteration required

Project No. 70206592- No alteration required

### **FACTORY TESTS**

Factory tests to be in accordance with Part III of the applicable requirements detailed in the Certificate of Compliance

The submitter shall ensure that the following factory tests are conducted at the frequency specified and the results are documented and made available for review by CSA field services representatives:

Test

Frequency

Test Fire Burner, manifold & Control Assy. –Proper Operation	100%
Pass/Fail Criteria:	
Valves shall turn freely	
Ignition device shall light the burner	
Burner flames shall carryover and burn at all ports	
Manifold and Control Assembly – Gas Tightness	100%
Pass/Fail Criteria:	
No leakage shall be observed	
Burner Operating Characteristics	5 per 1000 or 1 per week
Pass/Fail Criteria:	
The burner shall not flash back	
Ignition and extinction shall occur without undo noise	
There shall be no backpressure at the burner mixer face	
The burner flames shall no lifting, floating or blowing	
The burner flames shall not extinguish during immediately open or close door	
Ignition Systems	5 per 1000 or 1 per week
Pass/Fail Criteria:	
Ignition devices and match shall light the burners within 4 seconds of gas flow	
The burner flames shall carryover and burn at all ports	
Combustion	5 per 1000 or 1 per week
Pass/Fail Criteria:	
CO Air Free levels shall not exceed 0.08%	
Handle Temperatures	5 per 1000 or 1 per month
Pass/Fail Criteria:	
Temperatures shall not exceed room temperature+30°C for Metal	
Temperatures shall not exceed room temperature+50°C for Non-metal	

**SPECIAL INSTRUCTIONS FOR FIELD SERVICES**

1. Component descriptions marked with either the “(INT)” or “(INT\*)” identifiers may be substituted with other components providing the requirements specified under the notes in the “Description” are complied with.
2. Not Applicable

**COMPONENT SPECIAL PICKUP**

1. Component descriptions marked with the identifier “(CT)” are subject to annual pickup and Conformity Testing.
2. Not Applicable

**TEST HISTORY**

The following tests were conducted in:

CCIC-CSA International Certification Co., Ltd. Guangzhou Laboratory  
No. 10, Ke Yan Road, Science Park  
Guangzhou 510663  
China

Test data for this project is stored in Documentum

ANSI Z21.89-2007/CSA 1.18-2007 Outdoor Cooking Specialty Gas Appliances  
ANSI Z21.89a-2008/CSA 1.18a-2008 Addenda to Outdoor Cooking Specialty Gas Appliances

Model DGY784CBD and MFW784BDB were tested in this project. The following tests were conducted on these model and satisfactory results were obtained on the following test.

Part I. Construction

Part II. Performance

- 2.1 General
- 2.2 Test Gases
- 2.3 Test Pressures and Burner Adjustments
- 2.4 Burner Capacities
- 2.5 Combustion
- 2.6 Burner Operating Characteristics
- 2.7 Burner Placement and Integrity
- 2.8 Ignition
- 2.9 Performance of LP-gas Cylinder Connection Devices–Not applicable. Used certified type.
- 2.10 Manual Gas Valves–Not applicable. Used certified type.
- 2.11 Automatic Valves–Not applicable, used manual gas valve.
- 2.12 Gas Pressure Regulators–Not applicable. Used certified type.
- 2.13 Combination Regulator Valve-Low Pressure–Not applicable, no combination regulator valve.
- 2.14 Manifold And Control Assembly Capacity
- 2.15 Orifice and Orifice Fittings
- 2.16 Temperatures of Gas-carrying Components
- 2.17 Oil Overflow Test For Turkey Fryer Vessel–Not applicable, Smoker
- 2.18 Drip Trays–Not applicable, no drip tray
- 2.19 Burner Blockage–Not applicable, ports were protected.
- 2.20 Appliance Structure
  - 2.21 Wall and Floor Temperatures
  - 2.22 Handle Temperatures
- 2.23 Rain Test
- 2.24 Nonmetallic Panels–Not applicable, no Nonmetallic Panels
- 2.25 Wind Tests
- 2.26 Marking Material Adhesion And Legibility–Not applicable. Used certified type.
- 2.27 Permanently Attached Marking Tags–Not applicable, no attached marking tags
- 2.28 Thermometer Scale Misalignment–Not applicable, no thermometer.
- 2.29 Thermometer Scale Marking Material Resistance To Oil–Not applicable, no thermometer.
- 2.30 Thermometer Calibration–Not applicable, no thermometer.

Part III. Manufacturing and Production Tests

See main archive file for details of testing.

Project No. 2489476

This project is to update report 2451902 to add alternate component, no tests were required, all the tests were extended from report 2451902.

See main archive file for details of testing.

Project No. 2569517

The following tests were conducted in:  
CCIC-CSA International Certification Co., Ltd. Guangzhou Laboratory  
No. 10, Ke Yan Road, Science Park  
Guangzhou 510663  
China

Test data for this project is stored in Documentum

ANSI Z21.89-2007/CSA 1.18-2007 Outdoor Cooking Specialty Gas Appliances  
ANSI Z21.89a-2008/CSA 1.18a-2008 Addenda to Outdoor Cooking Specialty Gas Appliances  
ANSI Z21.89b-2012/CSA 1.18b-2012 Addenda to Outdoor Cooking Specialty Gas Appliances

This project is to update report 2451902 to add alternate components and add new models.

Models MFX784BDP was tested in the project for use with propane gas.  
The following tests were conducted on this model and satisfactory results were found, other tests are extended from report 2451902: (See the work Order for details)

Part I. Construction  
Part II. Performance

- 2.1 General
- 2.2 Test Gases
- 2.3 Test Pressures and Burner Adjustments
- 2.4 Burner Capacities
- 2.8 Ignition
- 2.16 Temperatures of Gas-Carrying Components
- 2.20 Appliance Structure - Tip Test & Cylinder Retention Means
- 2.22 Handle Temperatures

See main archive file for details of testing.

Project No. 2670991

This project is to Update report No. 2451902 to new Standard ANSI Z21.89/CSA 1.18-2013 and make some minor structure changes on all certified models in report 2451902. Please find the Submittal Information for the details of the minor changes.

According to the changes, all the tests can be extended from report 2451902.

See main archive file for details of testing.

Project No. 70026630

The following tests were conducted in:

CCIC-CSA International Certification Co., Ltd.  
No. 10, Ke Yan Road, Science Park  
Guangzhou 510663  
China

Test data for this project is stored in Documentum

ANSI Z21.89-2013/CSA 1.18-2013 Outdoor Cooking Specialty Gas Appliances

This project is to update report No. 2451902 to cover new DGW1235BDP-D and DGW1904BDP-D series models.

DGW1235BDP-D and DGW1904BDP-D series models are the same except the height of smoker box. Besides, they may use optional Cast Iron or SS burners. Please find the description parts for the detail of different. Tests were conducted on both DGW1235BDP-D and DGW1904BDP-D with different burners.

The following tests were conducted on these models and satisfactory results were found, other tests are extended from report 2451902:

Part I. Construction

Part II. Performance

- 5.1 General
- 5.2 Test Gases
- 5.3 Test Pressures and Burner Adjustments
- 5.4 Burner Capacities
- 5.5 Combustion
- 5.6 Burner Operating Characteristics
- 5.7 Burner Placement and Integrity
- 5.8 Ignition
- 5.16 Temperatures of Gas-carrying Components
- 5.18 Drip Trays
- 5.20 Appliance Structure
- 5.21 Wall and Floor Temperatures
- 5.22 Handle Temperature
- 5.23 Rain Test
- 5.25 Wind Tests

See main archive file for details of testing.

Project No. 70049976

This project is to Update report No. 2451902 to change the Flue style and air inlet style on Smoker model numbers DGY784BDP, DGY784BDP-D, MFY784BDP and MFY784BDP-D. The flue style and air inlet style are the same as already certified under model MFW784DDP.

For models DGY784BDP and DGY784BDP-D change from a flat grate flue outlet to a square flue outlet

For models MFY784BDP and MFY784BDP-D change from a round flue to a square flue, and change the air inlets from disc to flat grate.

All test extended from report no.2451902, no test needed.

See main archive file for details of testing.

Project No. 70206592

This project is to update report no.2451902 to update all models by ANSI Z21.89-2017/CSA 1.18-2017. All tests were extended from old models and paper job work only.

**Construction Review:**

Construction review performed with satisfactory results.

**DESCRIPTION**

Notes:

1. Component Substitution
  - a) Critical components (those identified by mfr name, cat no), which are NOT identified with either "INT" or "INT\*" are not eligible for substitution without evaluation and report updating
  - b) The term "INT" means a "Certified" and/or "Listed" (or a "Recognized" and/or "Accepted") component may be replaced by one "Certified" and/or "Listed" by another certification organization accredited by the appropriate accreditation body or scheme requirements to the correct standard, for the same application; providing the applicable country identifiers are included and requirements in item "d" below are complied with.
  - c) The Term "(INT\*)" means a "Recognized" and/or "Accepted" component may be replaced by a component that is CSA Certified. The applicable country identifiers shall be included, the requirements in item "d" below as well as any "conditions of suitability" for the component (as recorded in this descriptive report) shall be complied with;
  - d) Components which have been substituted, must be of an equivalent rating, configuration (size, orientation, mounting) and the applicable minimum creepage and clearance distances are to be maintained from live parts to bonded metal parts and secondary parts.
  - e) Substitution of a "Certified" and/or "Listed" component with a component that is "Recognized" or "Accepted" is not permitted without evaluation and report updating.
  - f) Substitution of a "Recognized" and/or "Accepted" component by one that is not CSA Certified is not permitted without a proper evaluation as well as a report update because the Conditions of Acceptance of the original component may be different than the Conditions of Acceptance of the substitute component.

Model Number Breakdown

MODEL NUMBER	FLUE STYLE	INLET STYLE	DUAL FUEL	SIDE TABLE	ENHANCED PACKAGING	TRADE NAME
MFW784BDP	Square	Disc	Yes	Yes	No	MasterForge
MFW784BDP-D	Square	Disc	Yes	Yes	Yes	MasterForge
MFY784CDP	Round	Disc	No	No	No	MasterForge
MFY784CDP-D	Round	Disc	No	No	Yes	MasterForge
MFY784BDB	Square	Disc	Yes	Yes	No	MasterForge
MFY784BDB-D	Square	Disc	Yes	Yes	Yes	MasterForge
MFY784BDP	Square	Flat Grate	No	No	No	MasterForge
MFY784BDP-D	Square	Flat Grate	No	No	Yes	MasterForge
MFS784BDB	Square	Disc	Yes	Yes	No	MasterForge
MFS784BDB-D	Square	Disc	Yes	Yes	Yes	MasterForge

MFS784BDP	Round	Disc	No	No	No	MasterForge
MFS784BDP-D	Round	Disc	No	No	Yes	MasterForge
DGY784BDP	Square	Flat Grate	No	No	No	DynaGlo, DynaGlo Pro
DGY784BDP-D	Square	Flat Grate	No	No	Yes	DynaGlo, DynaGlo Pro
DGY784CDB	Flat Grate	Flat Grate	Yes	No	No	DynaGlo, DynaGlo Pro
DGY784CDB-D	Flat Grate	Flat Grate	Yes	No	Yes	DynaGlo, DynaGlo Pro
DGY784CDP	Flat Grate	Flat Grate	No	No	No	DynaGlo, DynaGlo Pro
DGY784CDP-D	Flat Grate	Flat Grate	No	No	Yes	DynaGlo, DynaGlo Pro
DGS784CDP	Flat Grate	Flat Grate	No	No	No	DynaGlo, DynaGlo Pro
DGS784CDP-D	Flat Grate	Flat Grate	No	No	Yes	DynaGlo, DynaGlo Pro
DGS784BDP	Flat Grate	Flat Grate	No	No	No	DynaGlo, DynaGlo Pro
DGS784BDP-D	Flat Grate	Flat Grate	No	No	Yes	DynaGlo, DynaGlo Pro
DGS784BDB	Flat Grate	Flat Grate	Yes	No	No	DynaGlo, DynaGlo Pro
DGS784BDB-D	Flat Grate	Flat Grate	Yes	No	Yes	DynaGlo, DynaGlo Pro
DGS784CDB	Flat Grate	Flat Grate	Yes	No	No	DynaGlo, DynaGlo Pro
DGS784CDB-D	Flat Grate	Flat Grate	Yes	No	Yes	DynaGlo, DynaGlo Pro

MODEL NUMBER	FLUE STYLE	INLET STYLE	SIDE TABLE	WHEELS	TANK RETENTION	Piezo/ Electronic	TRADE NAME
BGY784BDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGY784BDP-D	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGY784DDP	Flat Grate	Flat Grate	No	No	No	Piezo	Backyard Grill
BGY784DDP-D	Flat Grate	Flat Grate	No	No	No	Piezo	Backyard Grill
BGY784DPP	Flat Grate	Flat Grate	No	No	No	Piezo	Backyard Grill
BGY784EDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGY784FDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGY784GDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGX784BDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGX784BDP-D	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGX784DDP	Flat Grate	Flat Grate	No	No	No	Piezo	Backyard Grill
BGX784DDP-D	Flat Grate	Flat Grate	No	No	No	Piezo	Backyard Grill
BGX784DPP	Flat Grate	Flat Grate	No	No	No	Piezo	Backyard Grill
BGX784EDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill

BGX784FDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
BGX784GDP	Flat Grate	Flat Grate	No	No	No	Electronic	Backyard Grill
DGY784DDP	Flat Grate	Flat Grate	No	No	No	Piezo	DynaGlo, DynaGlo Pro
DGY784DDP-D	Flat Grate	Flat Grate	No	No	No	Piezo	DynaGlo, DynaGlo Pro
DGY784EDP	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGY784EDP-D	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGY784FDP	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGY784FDP-D	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGX784DDP	Flat Grate	Flat Grate	No	No	No	Piezo	DynaGlo, DynaGlo Pro
DGX784DDP-D	Flat Grate	Flat Grate	No	No	No	Piezo	DynaGlo, DynaGlo Pro
DGX784EDP	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGX784EDP-D	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGX784FDP	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
DGX784FDP-D	Flat Grate	Flat Grate	No	No	No	Electronic	DynaGlo, DynaGlo Pro
MFW784DDP	Square	Flat Grate	Yes	No	No	Piezo	MasterForge
MFW784DDP-D	Square	Flat Grate	Yes	No	No	Piezo	MasterForge
MFW784EDP	Square	Flat Grate	Yes	No	No	Electronic	MasterForge
MFW784EDP-D	Square	Flat Grate	Yes	No	No	Electronic	MasterForge
MFW784FDP	Square	Flat Grate	Yes	No	No	Electronic	MasterForge
MFW784FDP-D	Square	Flat Grate	Yes	No	No	Electronic	MasterForge
MFX784CDP	Square	Flat Grate	Yes	Yes	Yes	Electronic	MasterForge
MFX784BDP	Square	Flat Grate	Yes	Yes	Yes	Piezo	MasterForge
MFX784DDP	Square	Flat Grate	Yes	Yes	Yes	Piezo	MasterForge
MFX784DDP-D	Square	Flat Grate	Yes	Yes	Yes	Piezo	MasterForge
MFX784EDP	Square	Flat Grate	Yes	Yes	Yes	Electronic	MasterForge

MF784EDP-D	Square	Flat Grate	Yes	Yes	Yes	Electronic	MasterForge
MF784FDP	Square	Flat Grate	Yes	Yes	Yes	Electronic	MasterForge
MF784FDP-D	Square	Flat Grate	Yes	Yes	Yes	Electronic	MasterForge

MODEL NUMBER	FLUE STYLE	INLET STYLE	FUEL TYPE	Ignition Type	Burner Type	TRADE NAME
DGW1235BDP-D	Steel square stack w/ raised "Kamodo" cap & adjustable flue	Flat Grate	LP Gas	Electronic	Cast Iron, Disk	Dyna-Glo
BYW1235BDP					Cast Iron, Disk	Back Yard Grill
BYW1235BSP					Stainless Steel, Disk	Back Yard Grill
BYW1235CDP					Cast Iron, Disk	Back Yard Grill
BYW1235CSP					Stainless Steel, Disk	Back Yard Grill
DGW1235BDP					Cast Iron, Disk	Dyna-Glo
DGW1235BSP					Stainless Steel, Disk	Dyna-Glo
DGW1235BSP-D					Stainless Steel, Disk	Dyna-Glo
DGW1235CDP					Cast Iron, Disk	Dyna-Glo
DGW1235CDP-D					Cast Iron, Disk	Dyna-Glo
DGW1235CSP					Stainless Steel, Disk	Dyna-Glo
GMW1235BDP					Cast Iron, Disk	Grill Mark
GMW1235BSP					Stainless Steel, Disk	Grill Mark
GMW1235CDP					Cast Iron, Disk	Grill Mark
GMW1235CSP					Stainless Steel, Disk	Grill Mark
GZW1235BDP					Cast Iron, Disk	Grill Zone
GZW1235BSP					Stainless Steel, Disk	Grill Zone
GZW1235CDP					Cast Iron, Disk	Grill Zone
GZW1235CSP					Stainless Steel, Disk	Grill Zone
M1235DGBP16					Cast Iron, Disk	Dyna-Glo
M1235DGBP17					Cast Iron, Disk	Dyna-Glo
M1235DGBSP16					Stainless Steel, Disk	Dyna-Glo
M1235DGBSP17					Stainless Steel, Disk	Dyna-Glo
M1235DGCDP16					Cast Iron, Disk	Dyna-Glo
M1235DGCDP17					Cast Iron, Disk	Dyna-Glo
M1235DGCSP16					Stainless Steel, Disk	Dyna-Glo
M1235DGCSP17					Stainless Steel, Disk	Dyna-Glo
MFW1235BDP					Cast Iron, Disk	Master Forge
MFW1235BSP					Stainless Steel, Disk	Master Forge
MFW1235CDP					Cast Iron, Disk	Master Forge
MFW1235CSP					Stainless Steel, Disk	Master Forge
MMW1235BDP					Cast Iron, Disk	Members Mark
MMW1235BSP					Stainless Steel, Disk	Members Mark
MMW1235CDP					Cast Iron, Disk	Members Mark
MMW1235CSP					Stainless Steel, Disk	Members Mark
PLW1235BDP					Cast Iron, Disk	Pro Light
PLW1235BSP					Stainless Steel, Disk	Pro Light
PLW1235CDP					Cast Iron, Disk	Pro Light
PLW1235CSP					Stainless Steel, Disk	Pro Light

MODEL NUMBER	FLUE STYLE	INLET STYLE	FUEL TYPE	Ignition Type	Burner Type	TRADE NAME
DGW1904BDP-D	Steel square stack w/ raised "Kamodo" cap & adjustable flue	Flat Grate	LP Gas	Electronic	Cast Iron, Disk	Dyna-Glo
BYW1904BDP					Cast Iron, Disk	Back Yard Grill
BYW1904BSP					Stainless Steel, Disk	Back Yard Grill
BYW1904CDP					Cast Iron, Disk	Back Yard Grill
BYW1904CSP					Stainless Steel, Disk	Back Yard Grill
DGW1904BDP					Cast Iron, Disk	Dyna-Glo
DGW1904BSP					Stainless Steel, Disk	Dyna-Glo
DGW1904BSP-D					Stainless Steel, Disk	Dyna-Glo
DGW1904CDP					Cast Iron, Disk	Dyna-Glo
DGW1904CDP-D					Cast Iron, Disk	Dyna-Glo
DGW1904CSP					Stainless Steel, Disk	Dyna-Glo
GMW1904BDP					Cast Iron, Disk	Grill Mark
GMW1904BSP					Stainless Steel, Disk	Grill Mark
GMW1904CDP					Cast Iron, Disk	Grill Mark
GMW1904CSP					Stainless Steel, Disk	Grill Mark
GZW1904BDP					Cast Iron, Disk	Grill Zone
GZW1904BSP					Stainless Steel, Disk	Grill Zone
GZW1904CDP					Cast Iron, Disk	Grill Zone
GZW1904CSP					Stainless Steel, Disk	Grill Zone
M1904DGBP16					Cast Iron, Disk	Dyna-Glo
M1904DGBP17					Cast Iron, Disk	Dyna-Glo
M1904DGBSP16					Stainless Steel, Disk	Dyna-Glo
M1904DGBSP17					Stainless Steel, Disk	Dyna-Glo
M1904DGCDP17					Cast Iron, Disk	Dyna-Glo
M1904DGCDP16					Cast Iron, Disk	Dyna-Glo
M1904DGC17					Stainless Steel, Disk	Dyna-Glo
M1904DGCSP16					Stainless Steel, Disk	Dyna-Glo
MFW1904BDP					Cast Iron, Disk	Master Forge
MFW1904BSP					Stainless Steel, Disk	Master Forge
MFW1904CDP					Cast Iron, Disk	Master Forge
MFW1904CSP					Stainless Steel, Disk	Master Forge
MMW1904BDP					Cast Iron, Disk	Members Mark
MMW1904BSP					Stainless Steel, Disk	Members Mark
MMW1904CDP					Cast Iron, Disk	Members Mark
MMW1904CSP					Stainless Steel, Disk	Members Mark
PLW1904BDP					Cast Iron, Disk	Pro Light
PLW1904BSP					Stainless Steel, Disk	Pro Light
PLW1904CDP					Cast Iron, Disk	Pro Light
PLW1904CSP					Stainless Steel, Disk	Pro Light

Note: The above DGW1235BDP-D and DGW1904BDP-D series models have two burners which input rating at 10,000 Btu/hr per burner and 20,000 Btu/hr in total.

Clearances to Combustible Material

<u>Top</u>	<u>Sides</u>	<u>Rear</u>	<u>Floor</u>
Unobstructed	36 inches	36 inches	combustible

Gas Pressures

<u>Manifold Pressure</u>	<u>Minimum Supply Pressure</u>
Propane Gas – 11.0" w.c.	Propane Gas - 11.0" w.c.

Self Contained LP System uses a 20 lb LP cylinder constructed and marked in accordance with specifications of U.S. Department of Transportation (DOT). A high-pressure regulator is employed at the outlet of the LP cylinder.

Orifice Sizes

<u>Model</u>	<u>Propane</u>	<u>Natural</u>
All Models except DGW1235BDP-D and DGW1904BDP-D series		
Main Burner	1.15mm	N/A
DGW1235BDP-D and DGW1904BDP-D series models		
Main Burner	0.92mm	N/A

Components

Gas Control Assemblies

Read columns vertically  
for complete assemblies

TYPE OF CONTROL	MFR. OF CONTROL	MFR. MODEL NUMBER	NATURAL	LP/PROPANE
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Gas Valves

For 15K Btu models

Kingsun Metal	KVL230-L (CSA 1683379)	X
Kingsun Metal	KVL130 (CSA 1683379)	X
Ningbo Wanan	XF-G (CSA 1526452)	X
Zhongshan GDA	GL2A (CSA 1439467)	X

For 20K Btu models

Kingsun Metal	KVL115 (CSA 1683379)	X
Yangjiang Yonghua	CD03A (CSA 2228872)	X

Electronic Ignitor	Ningbo Level	LW02A-2 (CSA 1517380)	
	Anhui Xinda	DHLG-12 (CSA 1433786)	
	Taishan Ruichuang	RD-X102 (CSA 2577509)	

Piezo Ignitor	Anhui Xinda	XD-YD-1 (CSA 1518007)	
	Ningbo Level	LW - 01A (CSA 1450560)	

Ignition Wire	Guangzhou Feng Tai	1330 & 1332(UL E204798)	
	Jiangyin Haocheng	3071 (UL E227587)	
	Yangzhou De You	1332 (UL E318368)	
	Yang Tai	1330 (UL E214859)	

Electrode Assy	Baoying Hongbo	HB4-0002 (CSA 1945091)	
	Baoying Guanghua	GH4-0002-2 (CSA 1838216)	
	Baoying Huaming	G (CSA 1721688)	

Pigtail Assembly:

**Kingsun Hose Assembly- KR101 (CSA 1863247)**

Regulator	Kingsun Metal	KR101	X
LP Gas Hose	Heater Hose	ZSHO-2	X
	Guangfeng	LL516 (5/16)	X
	Chuan Hseng	CHL0251 (5/16)	X
QCC1	Kingsun Metal	TP01	X

**Wanan Hose Assembly- RJ-A (1426411)**

Regulator	Ningbo Wanan	RJ-A	X
LP Gas Hose	Heater Hose	ZSHO-2 (5/16)	X
	Guangfeng	LL516 (5/16)	X
	Chuan Hseng	CHL0251 (5/16)	X
QCC1	Ningbo Wanan	AJT-T	X

**Ksun Regulator Hose Assembly - RYQF01(2431817)**

Regulator	Zhongshan Ksun	RY0953 (CSA 2417536)	X
LP Gas Hose	Guangfeng	LL516(5/16") (CSA 1785251)	X
QCC1	Zhongshan Ksun	QCC1 (CSA 2417711)	X

Marking Material	Dongguan Yuhua	YH-001 (CSA 238154)
	Shunde Tian Yue	TY968-125 (UL MH25987)

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**PAGE NO. OR  
FIGURE NO.**

**DESCRIPTION**

Project 2451902

**Drawings**

01	DGY784BDP-Exploded Drawing
02	MFW784BDP-Exploded Drawing
03	MFY784CDP-Exploded Drawing
04	Badge
05	Burner & Venturi tube Assy.
06	Valve&Regulator&Hose Assy--Wanan
07	Round Smoke Stack Assy
08	Leg-Standard With No Holes
09	Water Bowl
10	Cooking Grate
11	Damper
12	Heat Shield
13	Control Panel
14	Plate of Supporting Burner
15	Burner Box

16	Cast Iron Burner
17	Venturi Tube of Burner
18	Bottom of Smoker Body
19	Support of Leg
20	Brace of Smoker Body
21	Top of smoker body
22	Door Locking Bracket
23	Wood Chip Box Lid
24	Wood Chip Box
25	Handle of Wood Chip Box
26	Door Locking Bracket II
27	Door Locking Bracket III
28	Lifting Handle Base-Left
29	Lifting Handle Base-Right
30	Lifting Handle Tube
31	Shaft of bottom door handle
32	Bottom door handle
33	Stiffening Plate of Bottom Door
34	Upper Door
35	Bottom Door
36	Temperature Gauge Bezel
37	Temperature Gauge
38	Electrode
39	Electronic Ignitor
40	Knob
41	Knob Bezel
42	Spring
43	Stack Handle
44	Swivel plate of stack
45	Rotating Shaft
46	Control Arm Of Stack
47	Control Panel Of Stack
48	Flange Plate
49	Stack Cover
50	Stack Cover Support
51	Stack Tube
52	Block Oil Board(left)
53	Block Oil Board(right)
54	Block Oil Board(back)
55	Block Oil Board(front)
56	Side Table
57	Table strengthen board(front)
58	Table strengthen board(back)
59	Regulator Hook
60	Cooking Grate Support
61	Cooking Support Board
62	Stiffening Plate of Upper Door
63	ELECTRODE-Ground Wire
64	SUS Burner
65	Heat Shield I
66	Upper Pin
67	Bottom Pin

- 68 Hose Retention
- 69 Charcoal Grate
- 70 Nameplate
- 71 Square Stack Cover
- 72 Square Stack Tube
- 73 Square Stack Cover Support
- 74 Square Smoke Stack Damper
- 75 Square Flange Plate
- 76 Square Smoke Stack Assy
- 77 Burner Box Support
- 78 Valve&Regulator&Hose Assy--KS
- 79 Leg- With Retention Hole
- 80 Stiffening Plate of Upper Door
- 81 Top of Smoker Body
- 82 Top of Damper Bezel
- 83 Top Damper
- 84 Damper Handle Support
- 85 Side Damper
- 86 Middle of Smoker Body
- 87 Upper Door
- 88 Temperature Gauge
- 89 Damper Handle
- 90 Cooking Grate
- 91 Middle of Smoker Body
- 92 Smoker Model Number

#### **Instruction manual and markings**

- 93 Instruction manual-Model DGY784BDP(-D) English
- 94 Instruction manual-Model DGY784BDP(-D) French
- 95 Instruction manual-Model DGY784BDP(-D) Spanish
- 96 Instruction manual-Model MFW784BDP English
- 97 Instruction manual-Model MFW784BDP French
- 98 Instruction manual-Model MFW784BDP Spanish
- 99 Rating Label – Model DGY784BDP
- 100 Rating Label – Model MFW784BDP
- 101 Control Panel and Lighting Instruction
- 102 Guarantee Letter for other models' manual and markings

#### Project 2569517

#### **Drawings**

- 103 MFX784BDP-Exploded Drawing
- 104 MFW784BDP-Exploded Drawing
- 105 Leg-Standard With No Holes
- 106 Water Bowl
- 107 Damper
- 108 Heat Shield
- 109 Plate of Supporting Burner
- 110 Bottom of Smoker Body
- 111 Support of Leg
- 112 Brace of Smoker Body

113	Door Locking Bracket
114	Wood Chip Box Lid
115	Wood Chip Box
116	Handle of Wood Chip Box
117	Door Locking Bracket II
118	Door Locking Bracket III
119	Shaft of bottom door handle
120	Bottom door handle
121	Stiffening Plate of Bottom Door
122	Bottom Door
123	Knob
124	Knob Bezel
125	Regulator Hook
126	Cooking Grate Support
127	Cooking Support Board
128	Stiffening Plate of Upper Door
129	Heat Shield I
130	Upper Pin
131	Bottom Pin
132	Burner Box Support
133	Top of smoker body
134	Block Oil Board(left)
135	Block Oil Board(right)
136	Block Oil Board(back)
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138	Electrode to Burner Distance
139	Valve&Regulator&Hose Assy--Wanan
140	Burner Box
141	Lifting Handle Base-Left
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143	Lifting Handle Tube
144	Valve&Regulator&Hose Assy--KS
145	Pizeo Ignition
146	Electrode
147	Middle of Smoker Body
148	Temperature Gauge Bezel
149	Temperature Gauge
150	Spring
151	Stack Handle
152	Swivel plate of stack
153	Rotating Shaft
154	Control Arm Of Stack
155	Control Panel Of Stack
156	Table strengthen board(front)
157	Table strengthen board(back)
158	SUS Burner
159	Nameplate
160	Square Stack Cover
161	Square Stack Tube
162	Square Stack Cover Support
163	Square Smoke Stack Damper
164	Square Flange Plate

- 165 Square Smoke Stack Assy
- 166 Cooking Grate
- 167 Table Front Support
- 168 table back support
- 169 Side Table
- 170 Upper Door
- 171 Regulator&Hose Assy
- 172 Valve Assy
- 173 Middle of Smoker Body
- 174 Burner Box
- 175 Control Panel
- 176 Tank Heat Shield
- 177 Hose Retention
- 178 Rear Handle
- 179 Rear Handle Bezel
- 180 Tank Retention
- 181 Tank Support
- 182 Rear Leg Tube
- 183 Rear Leg Support
- 184 Wheel Axle
- 185 Wheel
- 186 Rear Leg Tube Support
- 187 Tank Heat Shield Support
- 188 Pipe
- 189 Cotter pin
- 190 Tank support 1

Note:

Figure 105 to 138 are for models BGY784BDP & BGY784BDP-D & BGY784DDP & BGY784DDP-D & BGY784DPP & BGY784EDP & BGY784FDP & BGY784GDP & BGX784BDP & BGX784BDP-D & BGX784DDP & BGX784DDP-D & BGX784DPP & BGX784EDP & BGX784FDP & BGX784GDP & DGY784DDP & DGY784DDP-D & DGY784EDP & DGY784EDP-D & DGY784FDP & DGY784FDP-D & DGX784DDP & DGX784DDP-D & DGX784EDP & DGX784EDP-D & DGX784FDP & DGX784FDP-D & MFW784DDP & MFW784DDP-D & MFW784EDP & MFW784EDP-D & MFW784FDP & MFW784FDP-D & MFX784CDP & MFX784BDP & MFX784DDP & MFX784DDP-D & MFX784EDP & MFX784EDP-D & MFX784FDP & MFX784FDP-D

Figure 139 to 144 are for models BGY784BDP & BGY784BDP-D & BGY784DDP & BGY784DDP-D & BGY784DPP & BGY784EDP & BGY784FDP & BGY784GDP & BGX784BDP & BGX784BDP-D & BGX784BDP-D & BGX784DDP & BGX784DDP-D & BGX784DPP & BGX784EDP & BGX784FDP & BGX784GDP & DGY784DDP & DGY784DDP-D & DGY784EDP & DGY784EDP-D & DGY784FDP & DGY784FDP-D & DGX784DDP & DGX784DDP-D & DGX784EDP & DGX784EDP-D & DGX784FDP & DGX784FDP-D & MFW784DDP & MFW784DDP-D & MFW784EDP & MFW784EDP-D & MFW784FDP & MFW784FDP-D

Figure 145 and 146 are for models BGY784DDP & BGY784DDP-D & BGY784DPP & BGX784DDP & BGX784DDP-D & BGX784DPP & DGY784DDP & DGY784DDP-D & DGX784DDP & DGX784DDP-D & MFW784DDP & MFW784DDP-D & MFX784BDP & MFX784DDP & MFX784DDP-D

Figure 147 is for models MFW784DDP & MFW784DDP-D & MFW784EDP & MFW784EDP-D & MFW784FDP & MFW784FDP-D

Figure 148 to 170 are for models MFW784DDP & MFW784DDP-D & MFW784EDP & MFW784EDP-D & MFW784FDP & MFW784FDP-D & MFX784CDP & MFX784BDP & MFX784DDP & MFX784DDP-D & MFX784EDP & MFX784EDP-D & MFX784FDP & MFX784FDP-D

Figure 171 to 190 are for models MFX784CDP & MFX784BDP & MFX784DDP & MFX784DDP-D & MFX784EDP & MFX784EDP-D & MFX784FDP & MFX784FDP-D

### **Instruction Manual and Markings**

Notes: The representative rating plates and manuals supplied for the smoker series represent the rating plates and manuals for all the variant model numbers. The only changes to the other rating plates and manuals are the model numbers and tradenames. The content of the text will be identical for each model within the series.

- 191 Instruction Manual-Model MFW784BDP
- 192 Instruction Manual-Model MFX784BDP
- 193 Rating Label - Model MFW784BDP
- 194 Rating Label - Model MFX784BDP
- 195 Control Panel and Lighting Instruction - Model MFX784BDP
- 196 Guarantee Letter for other models' manual and markings

#### Project 2670991

#### **Updated Drawings for the new structures of 784 Series:**

- 197 MFX784BDP-Exploded Drawing
- 198 MFW784BDP-Exploded Drawing
- 199 DGY784BDP-Exploded Drawing
- 200 Door Locking Bracket
- 201 Water Bowl
- 202 Middle of Smoker Body
- 203 Temperature gauge
- 204 Upper Door

#### **Instruction Manuals and Markings**

- 205 Instruction Manual – Model DGY784BDP/-D (Updated) EN and FR
- 206 Instruction Manual – Model MFX784BDP (Updated) EN and FR
- 207 Rating Label - Model DGY784BDP (Updated) EN and FR
- 208 Rating Label - Model MFX784BD (Updated) EN and FR
- 209 Control Panel and Lighting Instruction - Model MFX784BDP (Updated)
- 210 Guarantee Letter for other models' manual and markings

#### Project 70026630

#### **Drawings for DGW1235BDP-D and DGW1904BDP-D Series models:**

- 211 Drawing Lists Page 1 of 2
- 212 Drawing Lists Page 2 of 2
- 213 DGW1235BDP-D Exploded Drawing
- 214 DGW1904BDP-D Exploded Drawing
- 215 Temperature Gauge
- 216 bottom of smoker body
- 217 top of smoker body

218 middle of smoker body  
219 cooking support board-front  
220 cooking support board-black  
221 upper door  
222 upper door strengthen board  
223 black oil board(front)  
224 bottom door  
225 grease cup  
226 grease cup support  
227 grease cup bracket  
228 brace of Smoker Body  
229 control panel  
230 control panel support-left  
231 control panel support-right  
232 burner box  
233 Heat Shield 1  
234 burner support board  
235 heat shield  
236 burner seal ring  
237 burner venturi tube  
238 burner venturi tube assembly  
239 burner  
240 burner assembly  
241 water bowl support  
242 cooking grate  
243 Rib rack  
244 Sausage hook  
245 Sausage support-1  
246 Sausage support-2  
247 Sausage support-3  
248 electrode 1  
249 electrode 2  
250 latch assembly  
251 latch sleeve  
252 Latch fixing plate  
253 shaft of door handle  
254 door handle  
255 valve assembly  
256 ss burner assembly  
257 ss burner venturi tube  
258 SS Burner venturi tube assembly  
259 SS burner  
260 regulator and hose assembly  
261 upper door rope seal  
262 lower door rope seal  
263 left front leg assembly  
264 right front leg assembly  
265 electrode to cast iron burner distance  
266 electrode to sus burner distance  
267 middle of smoker body  
268 Cooking support board-front  
269 Cooking support board-back

- 270 upper door
- 271 upper door strengthen board
- 272 upper door rope seal
- 273 damper
- 274 Wood chip box lid
- 275 Handle of wood chip box
- 276 Lifting handle base-Left
- 277 Lifting handle base-Right
- 278 Lifting handle tube
- 279 Electronic ignitor
- 280 Knob
- 281 Knob Bezel
- 282 Square smoke stack assy
- 283 Water bowl

Note:

Figure no. 213, 215 to 266, 273 to 283 are for DGW1235BDP-D Series models  
Figure no. 214, 215, 223 to 283 are for DGW1904BDP-D Series models

**Instruction Manuals and Markings**

- 284 Instruction Manual – Model DGW1235BDP-D EN and FR
- 285 Instruction Manual – Model DGW1904BDP-D EN and FR
- 286 Rating Label - Model DGW1235BDP-D EN and FR
- 287 Rating Label - Model DGW1904BDP-D EN and FR
- 288 Control Panel
- 289 Lighting Instruction
- 290 Guarantee Letter for other series models

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Exploded Drawing for DGY784BDP and MFY784BDP series models, other drawings are same as previous models except flue outlet and air inlet, flue outlet and air inlet drawings are same as other models with same description on model number breakdown.

- 291 DGY784BDP -Exploded Drawing
- 292 MFY784BDP-Exploded Drawing

**Instruction Manuals and Markings**

- 293 Instruction Manual – Model DGY784BDP/-D (Updated) EN and FR
- 294 Instruction Manual – Model MFY784BDP (Updated) EN and FR
- 295 Guarantee Letter for models MFY784BDP-D

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- 296 Marking – Model DGW1235BDP-D (Updated) EN, FR and ES
- 297 Marking – Model DGW1904BDP-D (Updated) EN, FR and ES
- 298 Marking – Model DGY784BDP (Updated) EN, FR and ES
- 299 Guarantee Letter

*Manufacturer's tolerances have not been verified*

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This Edition supersedes all previous editions.

---End of Report---