



# Certificate of Conformity

**Certificate:** 14230-1G Rev.0

**Master Contract:** LC 1225106

**Project:** 14230

**Date Issued:** June 1, 2016

**Issued to:** Fire by Design  
3255 Pepper Lane Suite 109  
Las Vegas, Nevada 89120  
USA

**Certification System Type 3**  
(ISO / IEC Guide 67)

***The products listed below are eligible to bear the LabTest Certification Mark with adjacent indicators 'C' and 'US', and the subject area as shown below.***



**Issued by:**

Certification Manager

## PRODUCTS

- **Outdoor Decorative Gas Appliance**
- **Model:** All Weather Electronic Ignition System – High Capacity (AWEIS - HC). See Table 1 for list of all models.
- **Ratings:**
  - AHC30-48-LP: Minimum 175,000/Maximum 350,000 BTU/hr at nominal 11" water column of propane.
  - AHC30-48: Minimum 165,000/Maximum 350,000 BTU/hr at nominal 7" water column of natural gas.
  
  - AHCT120-180-LP: Minimum 130,000/Maximum 205,000 BTU/hr at nominal 11" water column of propane.
  - AHCT120-180: Minimum 130,000/Maximum 205,000 BTU/hr at nominal 7" water column of natural gas.
  
  - AHCH696-6120-LP: Minimum 200,000/Maximum 260,000 BTU/hr at nominal 11" water column of propane.
  - AHCH696-6120: Minimum 200,000/Maximum 260,000 BTU/hr at nominal 7" water column of natural gas.

Electrical (all models): 24VAC / 1.5A / 60HZ or optional 12 Vac system

**TABLE 1**

| Type  | Model Number | Description  | Nominal Gas Load (BTU/hr) |
|---|--------------|--|---------------------------|
| <b>High Capacity Electronic Ignition System<br/>with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan and Round/Square Burner</b> |              |  |                           |
| AHC30-48  | AHC30        | AWEIS High Capacity with 30" High Capacity Round/Square Burner | 175,000                   |
| AHC30-48  | AHC36        | AWEIS High Capacity with 36" High Capacity Round/Square Burner | 250,000                   |
| AHC30-48  | AHC48        | AWEIS High Capacity with 48" High Capacity Round/Square Burner | 350,000                   |
| AHC30-48  | AHC30-LP     | AWEIS High Capacity with 30" High Capacity Round/Square Burner | 175,000                   |
| AHC30-48  | AHC36-LP     | AWEIS High Capacity with 36" High Capacity Round/Square Burner | 250,000                   |
| AHC30-48  | AHC48-LP     | AWEIS High Capacity with 48" High Capacity Round/Square Burner | 350,000                   |
| <b>High Capacity Electronic Ignition System<br/>with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan and T-Burner</b>            |              |  |                           |
| AHCT120-180   | AHCT120      | AWEIS High Capacity with 120" T-Burner and Burner Pan          | 130,000                   |
| AHCT120-180   | AHCT132      | AWEIS High Capacity with 132" T-Burner and Burner Pan          | 145,000                   |
| AHCT120-180   | AHCT144      | AWEIS High Capacity with 144" T-Burner and Burner Pan          | 160,000                   |
| AHCT120-180   | AHCT156      | AWEIS High Capacity with 156" T-Burner and Burner Pan          | 175,000                   |
| AHCT120-180   | AHCT168      | AWEIS High Capacity with 168" T-Burner and Burner Pan          | 190,000                   |
| AHCT120-180   | AHCT180      | AWEIS High Capacity with 180" T-Burner and Burner Pan          | 205,000                   |
| AHCT120-180   | AHCT120-LP   | AWEIS High Capacity with 120" T-Burner and Burner Pan          | 130,000                   |
| AHCT120-180   | AHCT132-LP   | AWEIS High Capacity with 132" T-Burner and Burner Pan          | 145,000                   |
| AHCT120-180   | AHCT144-LP   | AWEIS High Capacity with 144" T-Burner and Burner Pan          | 160,000                   |
| AHCT120-180   | AHCT156-LP   | AWEIS High Capacity with 156" T-Burner and Burner Pan          | 175,000                   |
| AHCT120-180   | AHCT168-LP   | AWEIS High Capacity with 168" T-Burner and Burner Pan          | 190,000                   |
| AHCT120-180   | AHCT180-LP   | AWEIS High Capacity with 180" T-Burner and Burner Pan          | 205,000                   |
| <b>High Capacity Electronic Ignition System<br/>with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan and H-Burner</b>            |              |  |                           |
| AHCH696-6120  | AHCH696      | AWEIS High Capacity with 6" x 96" H-Burner and Burner Pan      | 200,000                   |
| AHCH696-6120  | AHCH6108     | AWEIS High Capacity with 6" x 108" H-Burner and Burner Pan     | 230,000                   |
| AHCH696-6120  | AHCH6120     | AWEIS High Capacity with 6" x 120" H-Burner and Burner Pan     | 260,000                   |
| AHCH696-6120  | AHCH696-LP   | AWEIS High Capacity with 6" x 96" H-Burner and Burner Pan      | 200,000                   |
| AHCH696-6120  | AHCH6108-LP  | AWEIS High Capacity with 6" x 108" H-Burner and Burner Pan     | 230,000                   |

| Type         | Model Number | Description  | Nominal Gas Load (BTU/hr) |
|--------------|--------------|--|---------------------------|
| AHCH696-6120 | AHCH6120-LP  | AWEIS High Capacity with 6" x 120" H-Burner and Burner Pan | 260,000                   |

**APPLICABLE REQUIREMENTS & SUBJECT AREA**

- ANSI Z21.97: 2014 / CSA 2.41: 2014 – Outdoor Decorative Gas Appliances
- CSA C22.2 No. 3 M1998 (R2014) – Electrical Features for Fuel Burning Equipment

**CONDITIONS OF ACCEPTABILITY**

- Intended to be used outdoors only with heat shield and approved media installed.
- Each model can be used with either natural gas or propane.

The 'C' and 'US' indicators adjacent to the LabTest Certification Mark shall signify that the product has been evaluated by an accredited laboratory to the applicable Standards respectively. The subject area shall be displayed with the LabTest Certification Mark to identify the Standard Number, and Revision Level.