



# Certificate of Conformity

**Certificate:** 14059-1G Rev.3

**Master Contract:** LC 1076058

**Project:** 14214

**Date Issued:** May 18, 2015

**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 (AWEIS). See Table 1 for list of all models.
- **Ratings:**
  - AM6-24-LP – Minimum 33,000 BTU/hr at 11" water column of liquid petroleum
  - AM6-24 – Minimum 28,500 BTU/hr at 7" water column of natural gas
  - ASC6-30-LP – Maximum 161,500 BTU/hr at 11" water column of liquid petroleum
  - ASC6-30 – Maximum 165,000 BTU/hr at 7" water column of natural gas
  - AMT24-96 & AMH618-650-LP – Minimum 25,000 BTU/hr at 11" water column of liquid petroleum
  - AMT24-96 & AMH618-650 – Minimum 25,000 BTU/hr at 7" water column of natural gas
  - ASCT24-96 & ASCH618-676-LP – Maximum 162,000 BTU/hr at 11" water column of liquid petroleum
  - ASCT24-96 & ASCH618-676 – Maximum 165,000 BTU/hr at 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>Mini Capacity Electronic Ignition System</b>			
<b>with Heat Shield, Flat Burner Pan or Bowl Style Burner Pan and Round/Square Burner</b>			
AM6-24	AM6	AWEIS Mini Capacity with Heat Shield and 6" Round/Square Burner	25,000
AM6-24	AM12	AWEIS Mini Capacity with Heat Shield and 12" Round/Square Burner	45,000
AM6-24	AM18	AWEIS Mini Capacity with Heat Shield and 18" Round/Square Burner	75,000
AM6-24	AM24	AWEIS Mini Capacity with Heat Shield and 24" Round/Square Burner	125,000
AM6-24	AM6-LP	AWEIS Mini Capacity with Heat Shield and 6" Round/Square Burner	25,000
AM6-24	AM12-LP	AWEIS Mini Capacity with Heat Shield and 12" Round/Square Burner	45,000
AM6-24	AM18-LP	AWEIS Mini Capacity with Heat Shield and 18" Round/Square Burner	75,000
AM6-24	AM24-LP	AWEIS Mini Capacity with Heat Shield and 24" Round/Square Burner	125,000
<b>Standard Capacity Electronic Ignition System</b>			
<b>with Heat Shield, Flat Burner Pan or Bowl Style Burner Pan and Round/Square Burner</b>			
ASC6-30	ASC6	AWEIS Standard Capacity with Heat Shield and 6" Round/Square Burner	25,000
ASC6-30	ASC12	AWEIS Standard Capacity with Heat Shield and 12" Round/Square Burner	45,000
ASC6-30	ASC18	AWEIS Standard Capacity with Heat Shield and 18" Round/Square Burner	75,000
ASC6-30	ASC24	AWEIS Standard Capacity with Heat Shield and 24" Round/Square Burner	125,000
ASC6-30	ASC30	AWEIS Standard Capacity with Heat Shield and 30" Round/Square Burner	150,000
ASC6-30	ASC6-LP	AWEIS Standard Capacity with Heat Shield and 6" Round/Square Burner	25,000
ASC6-30	ASC12-LP	AWEIS Standard Capacity with Heat Shield and 12" Round/Square Burner	45,000
ASC6-30	ASC18-LP	AWEIS Standard Capacity with Heat Shield and 18" Round/Square Burner	75,000
ASC6-30	ASC24-LP	AWEIS Standard Capacity with Heat Shield and 24" Round/Square Burner	125,000
ASC6-30	ASC30-LP	AWEIS Standard Capacity with Heat Shield and 30" Round/Square Burner	150,000
Type	Model Number	Description	Nominal Gas Load (BTU/hr)
<b>Mini Capacity Electronic Ignition System</b>			
<b>with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with T-Burner</b>			
AMT24-96	AMT24	AWEIS Mini Capacity with 24" T-Burner and Burner Pan	25,000
AMT24-96	AMT36	AWEIS Mini Capacity with 36" T-Burner and Burner Pan	37,000
AMT24-96	AMT48	AWEIS Mini Capacity with 48" T-Burner and Burner Pan	50,000
AMT24-96	AMT60	AWEIS Mini Capacity with 60" T-Burner and Burner Pan	62,000
AMT24-96	AMT72	AWEIS Mini Capacity with 72" T-Burner and Burner Pan	75,000
AMT24-96	AMT84	AWEIS Mini Capacity with 84" T-Burner and Burner Pan	87,000
AMT24-96	AMT96	AWEIS Mini Capacity with 96" T-Burner and Burner Pan	100,000
AMT24-96	AMT24-LP	AWEIS Mini Capacity with 24" T-Burner and Burner Pan	25,000
AMT24-96	AMT36-LP	AWEIS Mini Capacity with 36" T-Burner and Burner Pan	37,000
AMT24-96	AMT48-LP	AWEIS Mini Capacity with 48" T-Burner and Burner Pan	50,000
AMT24-96	AMT60-LP	AWEIS Mini Capacity with 60" T-Burner and Burner Pan	62,000
AMT24-96	AMT72-LP	AWEIS Mini Capacity with 72" T-Burner and Burner Pan	75,000
AMT24-96	AMT84-LP	AWEIS Mini Capacity with 84" T-Burner and Burner Pan	87,000
AMT24-96	AMT96-LP	AWEIS Mini Capacity with 96" T-Burner and Burner Pan	100,000
<b>Standard Capacity Electronic Ignition System</b>			
<b>with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with T-Burner</b>			
ASCT24-96	ASCT24	AWEIS Standard Capacity with 24" T-Burner and Burner Pan	25,000
ASCT24-96	ASCT36	AWEIS Standard Capacity with 36" T-Burner and Burner Pan	37,000
ASCT24-96	ASCT48	AWEIS Standard Capacity with 48" T-Burner and Burner Pan	50,000

Type	Model Number	Description	Nominal Gas Load (BTU/hr)
ASCT24-96	ASCT60	AWEIS Standard Capacity with 60" T-Burner and Burner Pan	62,000
ASCT24-96	ASCT72	AWEIS Standard Capacity with 72" T-Burner and Burner Pan	75,000
ASCT24-96	ASCT84	AWEIS Standard Capacity with 84" T-Burner and Burner Pan	87,000
ASCT24-96	ASCT96	AWEIS Standard Capacity with 96" T-Burner and Burner Pan	100,000
ASCT24-96	ASCT24-LP	AWEIS Standard Capacity with 24" T-Burner and Burner Pan	25,000
ASCT24-96	ASCT36-LP	AWEIS Standard Capacity with 36" T-Burner and Burner Pan	37,000
ASCT24-96	ASCT48-LP	AWEIS Standard Capacity with 48" T-Burner and Burner Pan	50,000
ASCT24-96	ASCT60-LP	AWEIS Standard Capacity with 60" T-Burner and Burner Pan	62,000
ASCT24-96	ASCT72-LP	AWEIS Standard Capacity with 72" T-Burner and Burner Pan	75,000
ASCT24-96	ASCT84-LP	AWEIS Standard Capacity with 84" T-Burner and Burner Pan	87,000
ASCT24-96	ASCT96-LP	AWEIS Standard Capacity with 96" T-Burner and Burner Pan	100,000

Type	Model Number	Description	Nominal Gas Load (BTU/hr)
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**Mini Capacity Electronic Ignition System  
with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with H-Burner**

AMH618-650	AMH618	AWEIS Mini Capacity with 6" x 18" H-Burner and Burner Pan	42,000
AMH618-650	AMH624	AWEIS Mini Capacity with 6" x 24" H-Burner and Burner Pan	54,000
AMH618-650	AMH830	AWEIS Mini Capacity with 8" x 30" H-Burner and Burner Pan	68,000
AMH618-650	AMH836	AWEIS Mini Capacity with 8" x 36" H-Burner and Burner Pan	80,000
AMH618-650	AMH638	AWEIS Mini Capacity with 6" x 38" H-Burner and Burner Pan	82,000
AMH618-650	AMH650	AWEIS Mini Capacity with 6" x 50" H-Burner and Burner Pan	106,000
AMH618-650	AMH618-LP	AWEIS Mini Capacity with 6" x 18" H-Burner and Burner Pan	42,000
AMH618-650	AMH624-LP	AWEIS Mini Capacity with 6" x 24" H-Burner and Burner Pan	54,000
AMH618-650	AMH830-LP	AWEIS Mini Capacity with 8" x 30" H-Burner and Burner Pan	68,000
AMH618-650	AMH836-LP	AWEIS Mini Capacity with 8" x 36" H-Burner and Burner Pan	80,000
AMH618-650	AMH638-LP	AWEIS Mini Capacity with 6" x 38" H-Burner and Burner Pan	82,000
AMH618-650	AMH650-LP	AWEIS Mini Capacity with 6" x 50" H-Burner and Burner Pan	106,000

**Standard Capacity Electronic Ignition System  
with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with H-Burner**

ASCH618-676	ASCH618	AWEIS Standard Capacity with 6" x 18" H-Burner and Burner Pan	42,000
ASCH618-676	ASCH624	AWEIS Standard Capacity with 6" x 24" H-Burner and Burner Pan	54,000
ASCH618-676	ASCH830	AWEIS Standard Capacity with 8" x 30" H-Burner and Burner Pan	68,000
ASCH618-676	ASCH836	AWEIS Standard Capacity with 8" x 36" H-Burner and Burner Pan	80,000
ASCH618-676	ASCH638	AWEIS Standard Capacity with 6" x 38" H-Burner and Burner Pan	82,000
ASCH618-676	ASCH650	AWEIS Standard Capacity with 6" x 50" H-Burner and Burner Pan	106,000
ASCH618-676	ASCH664	AWEIS Standard Capacity with 6" x 64" H-Burner and Burner Pan	134,000
ASCH618-676	ASCH676	AWEIS Standard Capacity with 6" x 76" H-Burner and Burner Pan	158,000
ASCH618-676	ASCH618-LP	AWEIS Standard Capacity with 6" x 18" H-Burner and Burner Pan	42,000
ASCH618-676	ASCH624-LP	AWEIS Standard Capacity with 6" x 24" H-Burner and Burner Pan	54,000
ASCH618-676	ASCH830-LP	AWEIS Standard Capacity with 8" x 30" H-Burner and Burner Pan	68,000
ASCH618-676	ASCH836-LP	AWEIS Standard Capacity with 8" x 36" H-Burner and Burner Pan	80,000
ASCH618-676	ASCH638-LP	AWEIS Standard Capacity with 6" x 38" H-Burner and Burner Pan	82,000
ASCH618-676	ASCH650-LP	AWEIS Standard Capacity with 6" x 50" H-Burner and Burner Pan	106,000
ASCH618-676	ASCH664-LP	AWEIS Standard Capacity with 6" x 64" H-Burner and Burner Pan	134,000
ASCH618-676	ASCH676-LP	AWEIS Standard Capacity with 6" x 76" H-Burner and Burner Pan	158,000

### **APPLICABLE REQUIREMENTS & SUBJECT AREA**

- ANSI Z21.97: 2014 / CSA 2.41: 2014 – Outdoor Decorative Gas Appliances
- CSA C22.2 No. 3 M1988 (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 liquid petroleum.

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.