



Certificate of Conformity

Certificate: 14059-1G Rev.4

Master Contract: LC 1076058

Project: 14230

Date Issued: April 12, 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 (AWEIS). See Table 1 for list of all models.
- **Ratings:**

AM6-24-LP – Minimum 25,000/Maximum 125,000 BTU/hr at 11" water column of liquid petroleum

AM6-24 – Minimum 25,000/Maximum 125,000 BTU/hr at 7" water column of natural gas

ASC6-36-LP – Minimum 25,000/Maximum 290,000 BTU/hr at 11" water column of liquid petroleum

ASC6-36 – Minimum 25,000/Maximum 290,000 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

ASCT48-120 & ASCH624-696-LP – Maximum 162,000 BTU/hr at 11” water column of liquid petroleum

ASCT48-120 & ASCH624-696 – 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)
Mini Capacity Electronic Ignition System with Heat Shield, Flat Burner Pan or Bowl Style Burner Pan and Round/Square Burner			
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
Standard Capacity Electronic Ignition System with Heat Shield, Flat Burner Pan or Bowl Style Burner Pan and Round/Square Burner			
ASC6-36	ASC6	AWEIS Standard Capacity with Heat Shield and 6” Round/Square Burner	25,000
ASC6-36	ASC12	AWEIS Standard Capacity with Heat Shield and 12” Round/Square Burner	45,000
ASC6-36	ASC18	AWEIS Standard Capacity with Heat Shield and 18” Round/Square Burner	75,000
ASC6-36	ASC24	AWEIS Standard Capacity with Heat Shield and 24” Round/Square Burner	125,000
ASC6-36	ASC30	AWEIS Standard Capacity with Heat Shield and 30” Round/Square Burner	150,000
ASC6-36	ASC30HC	AWEIS Standard Capacity with Heat Shield and 30” High Capacity Round/Square Burner	175,000
ASC6-36	ASC36HC	AWEIS Standard Capacity with Heat Shield and 36” High Capacity Round/Square Burner	250,000
ASC6-36	ASC6-LP	AWEIS Standard Capacity with Heat Shield and 6” Round/Square Burner	25,000
ASC6-36	ASC12-LP	AWEIS Standard Capacity with Heat Shield and 12” Round/Square Burner	45,000
ASC6-36	ASC18-LP	AWEIS Standard Capacity with Heat Shield and 18” Round/Square Burner	75,000
ASC6-36	ASC24-LP	AWEIS Standard Capacity with Heat Shield and 24” Round/Square Burner	125,000
ASC6-36	ASC30-LP	AWEIS Standard Capacity with Heat Shield and 30” Round/Square Burner	150,000
ASC6-36	ASC30HC-LP	AWEIS Standard Capacity with Heat Shield and 30” High Capacity Round/Square Burner	175,000
ASC6-36	ASC36HC-LP	AWEIS Standard Capacity with Heat Shield and 36” High Capacity Round/Square Burner	250,000
Type	Model Number	Description	Nominal Gas Load (BTU/hr)
Mini Capacity Electronic Ignition System with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with T-Burner			
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

Type	Model Number	Description	Nominal Gas Load (BTU/hr)
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
Standard Capacity Electronic Ignition System with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with T-Burner			
ASCT48-120	ASCT48	AWEIS Standard Capacity with 48" T-Burner and Burner Pan	50,000
ASCT48-120	ASCT60	AWEIS Standard Capacity with 60" T-Burner and Burner Pan	62,000
ASCT48-120	ASCT72	AWEIS Standard Capacity with 72" T-Burner and Burner Pan	75,000
ASCT48-120	ASCT84	AWEIS Standard Capacity with 84" T-Burner and Burner Pan	87,000
ASCT48-120	ASCT96	AWEIS Standard Capacity with 96" T-Burner and Burner Pan	100,000
ASCT48-120	ASCT108	AWEIS Standard Capacity with 108" T-Burner and Burner Pan	115,000
ASCT48-120	ASCT120	AWEIS Standard Capacity with 120" T-Burner and Burner Pan	130,000
ASCT48-120	ASCT48-LP	AWEIS Standard Capacity with 48" T-Burner and Burner Pan	50,000
ASCT48-120	ASCT60-LP	AWEIS Standard Capacity with 60" T-Burner and Burner Pan	62,000
ASCT48-120	ASCT72-LP	AWEIS Standard Capacity with 72" T-Burner and Burner Pan	75,000
ASCT48-120	ASCT84-LP	AWEIS Standard Capacity with 84" T-Burner and Burner Pan	87,000
ASCT48-120	ASCT96-LP	AWEIS Standard Capacity with 96" T-Burner and Burner Pan	100,000
ASCT48-120	ASCT108-LP	AWEIS Standard Capacity with 108" T-Burner and Burner Pan	115,000
ASCT48-120	ASCT120-LP	AWEIS Standard Capacity with 120" T-Burner and Burner Pan	130,000
Type	Model Number	Description	Nominal Gas Load (BTU/hr)
Mini Capacity Electronic Ignition System with Heat Shield, Flat Burner Pan or Drop-In Style Burner Pan with H-Burner			
AMH618-648	AMH618	AWEIS Mini Capacity with 6" x 18" H-Burner and Burner Pan	42,000
AMH618-648	AMH624	AWEIS Mini Capacity with 6" x 24" H-Burner and Burner Pan	68,000
AMH618-648	AMH636	AWEIS Mini Capacity with 6" x 36" H-Burner and Burner Pan	82,000
AMH618-648	AMH648	AWEIS Mini Capacity with 6" x 48" H-Burner and Burner Pan	106,000
AMH618-648	AMH618-LP	AWEIS Mini Capacity with 6" x 18" H-Burner and Burner Pan	42,000
AMH618-648	AMH624-LP	AWEIS Mini Capacity with 6" x 24" H-Burner and Burner Pan	68,000
AMH618-648	AMH636-LP	AWEIS Mini Capacity with 6" x 36" H-Burner and Burner Pan	82,000
AMH618-648	AMH648-LP	AWEIS Mini Capacity with 6" x 48" 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			
ASCH624-696	ASCH624	AWEIS Standard Capacity with 6" x 24" H-Burner and Burner Pan	52,000
ASCH624-696	ASCH636	AWEIS Standard Capacity with 6" x 36" H-Burner and Burner Pan	76,000
ASCH624-696	ASCH648	AWEIS Standard Capacity with 6" x 48" H-Burner and Burner Pan	100,000
ASCH624-696	ASCH660	AWEIS Standard Capacity with 6" x 60" H-Burner and Burner Pan	124,000
ASCH624-696	ASCH672	AWEIS Standard Capacity with 6" x 72" H-Burner and Burner Pan	150,000
ASCH624-696	ASCH684	AWEIS Standard Capacity with 6" x 84" H-Burner and Burner Pan	174,000
ASCH624-696	ASCH696	AWEIS Standard Capacity with 6" x 96" H-Burner and Burner Pan	200,000

Type	Model Number	Description	Nominal Gas Load (BTU/hr)
ASCH624-696	ASCH624-LP	AWEIS Standard Capacity with 6" x 24" H-Burner and Burner Pan	52,000
ASCH624-696	ASCH636-LP	AWEIS Standard Capacity with 6" x 36" H-Burner and Burner Pan	76,000
ASCH624-696	ASCH648-LP	AWEIS Standard Capacity with 6" x 48" H-Burner and Burner Pan	100,000
ASCH624-696	ASCH660-LP	AWEIS Standard Capacity with 6" x 60" H-Burner and Burner Pan	124,000
ASCH624-696	ASCH672-LP	AWEIS Standard Capacity with 6" x 72" H-Burner and Burner Pan	150,000
ASCH624-696	ASCH684-LP	AWEIS Standard Capacity with 6" x 84" H-Burner and Burner Pan	174,000
ASCH624-696	ASCH696-LP	AWEIS Standard Capacity with 6" x 96" H-Burner and Burner Pan	200,000

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.