

ICC-ES PMG Product Certificate

PMG-1213



Effective Date: March 2020

This listing is subject to re-examination in one year.

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CSI: DIVISION: 10 00 00—SPECIALTIES
Section: 10 32 00—Fireplace Specialties

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Outdoor Decorative Gas Fire Pit and Fireplaces

Listee: Warming Trends, LLC
1050 W. Hampden Ave., Ste. 200
Englewood, CO 80110
www.warming-trends.com

Compliance with the following codes:

2021, 2018, 2015, 2012 and 2009 *International Fire Code*® (IFC)
2021, 2018, 2015, 2012 and 2009 *International Fuel Gas Code*® (IFGC)
2018, 2015, 2012 and 2009 *Uniform Mechanical Code*® (UMC)*
2020, 2015 and 2010 *Natural Gas and Propane Installation Code (CSA B149.1)***

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Compliance with the following standards:

ANSI Z21.97/CSA 2.41-2017 Outdoor Decorative Gas Appliances

Identification:

Marking material shall be identified by class number and shall meet the following specifications. All metal marking materials shall be rustproof. All marking shall be suitable for application to surfaces upon which applied and shall demonstrate suitable legibility. The designation of any class of marking shall not preclude the use of marking of a lower number class.

Class I. Integral Marking

Marking that is embossed, cast, stamped or otherwise formed in the part. This includes markings baked into an enameled surface.

Class IIA-1. Permanent Plate

Shall be made of metal having a minimum thickness of 0.012 in (0.30 mm) and shall be securely attached by mechanical means.

Class IIA-2. Permanent Plate

Shall be made of metal having a thickness of 0.006 to 0.012 in (0.15 to 0.30 mm) and shall have mechanical attachment means at all corners with a maximum spacing of 6 in (152 mm) between mechanical fasteners.

Class IIA-3. Permanent Plate

Shall be made of metal having a thickness less than 0.006 in (0.15 mm) and shall be attached by means of non-water-soluble adhesive. These materials shall not be located on surfaces having temperatures exceeding 300°F.

Class IIA-4. Permanent Plate

Shall be made of pressure-sensitive metal foil requiring no solvent or activator and shall not be located on surfaces having temperatures exceeding 300°F (149°C).

Class IIIA-1. Permanent Label

Shall be made of material not adversely affected by water, shall be attached by means of non-water-soluble adhesive and shall not be located on surfaces having temperatures exceeding 300°F (149°C).

Class IIIA-2. Permanent Label

Shall be made of material not adversely affected by water, shall be attached by means of non-water-soluble adhesive and shall not be located on surfaces having temperatures exceeding 175°F (79.5°C).

Class IIIB. Waterproof Marking

Shall be printed directly on the part with waterproof marking not adversely affected by a temperature of 175°F (79.5°C) and shall not be used on surfaces having temperatures exceeding 175°F (79.5°C).

Class IIIC. Waterproof Label

Shall be made of material not soluble in water, and may use water-soluble adhesive for attachment means.

Class IV. Semi-Permanent Plate or Label

Shall be made of material which may be soluble in water and may use water-soluble adhesive for attachment means.

Class V. Printed Marking

Marking shall be clear and prominent and may be applied directly by any printing means.

Class VI. Attached Tags

The appliance shall bear the following information on a Class III marking affixed to the principal (main) assembly of the appliance and shall be attached or printed in a location where it can be easily observed or is readily accessible for observation when the appliance is installed as it would be in service.

- a) The manufacturer or distributor's name and address.
- b) The manufacturer or distributor's model number of the appliance.
- c) A distinctive number which will identify an individual appliance.
- d) For appliances for fixed fuel piping system and equipped with an appliance gas pressure regulator, the normal manifold pressure in inches water column.
- e) For appliances for fixed fuel piping system and equipped with an appliance gas pressure regulator, the minimum permissible gas supply pressure for purpose of input adjustment.
- f) Type of gas for which equipped: "Natural" or "Propane."
- g) The statement "For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors."
The marking for an appliance for connection to a fixed fuel piping system need only display the first sentence of this statement.
- h) If the appliance utilizes any electrical equipment, the voltage, frequency (Hz) and total current input in amperes. If the total current input of all components is less than 12 amperes, the input marking may optionally be shown as "Less than _____* amperes."
(* This amperage rating shall be equal to or greater than the total input in amperes.)
- i) Identification of this requirement as follows:

"ANS Z21.97-(year), Outdoor Decorative Gas Appliances;"
"ANS Z21.97a-(year), Outdoor Decorative Gas Appliances;" or
"ANS Z21.97b-(year), Outdoor Decorative Gas Appliances".

Clearly defined and complete instructions for lighting and shutting down the appliance shall be provided on Class IIIA marking material. These instructions shall be located on or adjacent to the controlling device or in an equally conspicuous position, where they can be easily read. Lighting instructions shall specify a 5-minute complete shutoff period before the appliance is re-lighted.

Exception: Match lit appliances for use with a single disposable cylinder at an input of 12,000 Btu/hr (3,516 W) or less are exempt from this requirement.

Appliances shall bear a Class IIIA marking indicating all minimum clearances from combustible construction.

Appliances for installation only on or over noncombustible floors shall be marked "For Installation on (or over) Noncombustible Floors Only" on Class IIIA marking material.

A label of Class IIIC marking material shall, when practical, be affixed to the appliance in a conspicuous location by the manufacturer. When not practical, this label shall be supplied by the manufacturer with explicit instructions to affix the label in a conspicuous location adjacent to the appliance. This label shall include the following information:

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 additional information consult a qualified installer, service agency or the gas supplier.

Each appliance shall bear a plate of Class IIIA marking material, located so as to be easily read when the appliance is in a normally installed position, on which shall appear the following:

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.

If a cover is provided to protect the appliance burner when the appliance is not in use, or during storage of the appliance, the cover shall bear a permanent marking on Class IIIA marking material as follows:

"Cover must be removed when burner is in operation."

If wire other than that conforming to the temperature limitation of 63°F (35°C) rise has been specified for use on the appliance, the following statement shall also appear on all electrical diagrams: "If any of the original wire as supplied with the appliance must be replaced, it must be replaced with type wire of its equivalent." (The appropriate wire type is to be indicated in the blank space.)

Electrical diagrams shall conform to the *Standard for Electrical and Electronics Diagrams, ANSI Y14.15*. (See Appendix A, Pertinent References to ANSI Y14.15, for reference to pertinent provisions of ANSI Y14.15.) The wire color designations specified in ANSI Y14.15 are shown in Appendix B, Wire Color Designations. Unidentified graphical symbols used for electrical diagrams shall conform to the *Standard for Graphic Symbols for Electrical and Electronics Diagrams (Including Reference Designation Class Designation Letters), ANSI/IEEE Standard 315*.

Appliances for connection to a self-contained LP-gas supply system shall bear the following marking on a Class IIIA marking material:

CAUTION: The gas pressure regulator provided with this appliance must be used. This regulator is set for an outlet pressure of inches water column."

(The outlet pressure is specified by the manufacturer.

Appliances for connection to a self-contained LP-gas supply system shall bear the following applicable statement on Class IIIA marking material located so as to be easily read:

a) For an appliance provided with a connection other than a CGA No. 600 Cylinder Connection Device:

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

b) For an appliance provided with a CGA No. 600 Cylinder Connection Device:

“The LP-gas supply cylinder must be disconnected when this appliance is not in use.”

Appliances for connection to a self-contained LP-gas supply system utilizing a CGA No. 600 Cylinder Connection Device shall bear a Class IIIA marking to the effect that only cylinders marked “propane” shall be used.

Appliances specifically designed for direct connection to the fuel supply cylinder shall bear a clearly legible Class IIIA marking stating, “Do not connect to a remote gas supply.”

CLEARANCE MARKING

Each appliance shall bear a marking on Class III marking material, located at the minimum clearances from spacers, standoffs, or surfaces to combustible construction for all appliance and vent surfaces. The marking for clearances shall indicate that the left and right sides are determined when facing the front of the appliance. For an appliance equipped with an external draft hood, the marking shall specify the minimum clearance in integral inches between the draft hood and the nearest combustible construction.

An appliance which requires clearances from any type of construction for serviceability or proper operation shall bear a marking on Class III marking material, located on the surface(s) requiring such clearance indicating the minimum distance required.

In addition, each appliance for installation recessed within combustible construction shall bear a Class V marking specifying the depth to which it may be recessed.

For an appliance with specified clearances from projections above the appliance, the marking shall indicate the minimum vertical clearance from the projection and the maximum horizontal extension of the projection over the appliance.

Models:

Fireplaces and Fire Pits

Model Number	Description
SIMP24	24" Simplicity Fire Bowl
SIMP38	38" Simplicity Fire Bowl
CSIMP36	36" Simplicity Fire Bowl
CSIMP40	40" Simplicity Fire Bowl

Note: All models may contain one of the burners listed in the table below:

40K BTU/h Burner Model Number	Description
WTV40 (NG, LP)	Match Lit, Burner Type: Rectangular

60K BTU/h Burner Model Number	Description
HMLS60-*NG	Honeywell, Natural Gas
HMLS60-*LP	Honeywell, Propane Gas
DMLS60-*NG	Dexen, Natural Gas
DMLS60-*LP	Dexen, Propane Gas
MLS-60 NG	Match Lit, Natural Gas
MLS-60 LP	Match Lit, Propane Gas
CFB-60-*NG	Crossfire, Natural Gas
CFB-60-*LP	Crossfire, Propane Gas

3576/EO10LP	Propane Gas
3577/EO10NG	Natural Gas
3578/3O20LP	Propane Gas
3579/EO20NG	Natural Gas
3580/EO30LP	Propane Gas
3581/EO30NG	Natural Gas
3582/EO40LP	Propane Gas
3583/EO40NG	Natural Gas
3584/EO50LP	Propane Gas
3585/EO50NG	Natural Gas
3586/EO60LP	Propane Gas
3587/EO60NG	Natural Gas
3588/EO70LP	Propane Gas
3589/EO70NG	Natural Gas
3590/EO80LP	Propane Gas
3591/EO80NG	Natural Gas
3592	Propane Gas
3593	Natural Gas
3594	Propane Gas
3595	Natural Gas
3596	Propane Gas
3597	Natural Gas
3600	Propane Gas
3601	Natural Gas
3602	Propane Gas
3603	Natural Gas
3604	Propane Gas
3605	Natural Gas
3606	Propane Gas
3607	Natural Gas
3608	Propane Gas
3609	Natural Gas
3610	Propane Gas
3611	Natural Gas
3612	Propane Gas
3613	Natural Gas
3614	Propane Gas
3615	Natural Gas
3616	Propane Gas
3617	Natural Gas
3618	Propane Gas
3619	Natural Gas
3620	Propane Gas
3621	Natural Gas
3622	Propane Gas
3623	Natural Gas
WTV60 (NG, LP)	Match Lit, Burner Type: Rectangular

* represents ignition system type: 3V, 3VIK, 24V, 24VIK, MLS

65K BTU/h Burner Model Number	Description
CFB60 2XL (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-120 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-160 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-200 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-240 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-260 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-300 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-340 (NG, LP)	Match Lit, Burner Type: H-Style
CFBH-420 (NG, LP)	Match Lit, Burner Type: H-Style
CFBL-90 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-110 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-130 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-150 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-190 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-210 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-250 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-270 (NG, LP)	Match Lit, Burner Type: Linear
CFBL-320 (NG, LP)	Match Lit, Burner Type: Linear
CFBO-180 (NG, LP)	Match Lit, Burner Type: Octagon
CFBO-280 (NG, LP)	Match Lit, Burner Type: Octagon
CFBO-360 (NG, LP)	Match Lit, Burner Type: Octagon
CFBT-110 (NG, LP)	Match Lit, Burner Type: Tree Style
CFBT-170 (NG, LP)	Match Lit, Burner Type: Tree Style
CFBT-230 (NG, LP)	Match Lit, Burner Type: Tree Style
CFBT-290 (NG, LP)	Match Lit, Burner Type: Tree Style
CFBT-350 (NG, LP)	Match Lit, Burner Type: Tree Style
CFBT-410 (NG, LP)	Match Lit, Burner Type: Tree Style
CFBT-470 (NG, LP)	Match Lit, Burner Type: Tree Style
CFB240 (NG, LP)	Match Lit, Burner Type: Rectangular
WTV120 (NG, LP)	Match Lit, Burner Type: Rectangular
WTV180 (NG, LP)	Match Lit, Burner Type: Rectangular
WTVES120 (NG, LP)	Match Lit, Burner Type: Rectangular
WTVES180 (NG, LP)	Match Lit, Burner Type: Rectangular
WTVT230 (NG, LP)	Match Lit, Burner Type: Tree Style
WTVT350 (NG, LP)	Match Lit, Burner Type: Tree Style

Model Number	Description
CFB60 2XL-(NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-120 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-160 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-200 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-240 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-260 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-300 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBH-340 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: H-Style
CFBL-90 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear
CFBL-110 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear
CFBL-130 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear
CFBL-150 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear
CFBL-190 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear

CFBL-210 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear
CFBL-250 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Linear
CFB240 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Rectangular
CFBO-180 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Octagon
CFBO-280 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Octagon
CFBO-360 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Octagon
CFBT-110 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
CFBT-170 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
CFBT-230 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
CFBT-290 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
CFBT-350 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
CFBT-410 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
CFBT-470 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Tree-Style
WTV60 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Rectangular
WTV120 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Rectangular
WTV180 (NG, LP) – 3VIK	Dexen Controls – 3V Battery Operated, Burner Type: Rectangular

Model Number	Description
CFB60 2XL-(NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-120 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-160 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-200 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-240 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-260 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-300 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-340 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBH-420 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: H-Style
CFBL-90 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-110 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-130 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-150 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-190 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-210 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-250 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-270 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFBL-320 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Linear
CFB240 (NG, LP) – 24VIKHC (SC, HC)	Honeywell – 24V Spark Ignition, Burner Type: Rectangular
CFBO-180 (NG, LP) – 24VIKHC (SC, HC)	Honeywell – 24V Spark Ignition, Burner Type: Octagon
CFBO-280 (NG, LP) – 24VIKHC (SC, HC)	Honeywell – 24V Spark Ignition, Burner Type: Octagon
CFBO-360 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Octagon

CFBT-110 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
CFBT-170 (NG, LP) – 24VIKSC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
CFBT-230 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
CFBT-290 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
CFBT-350 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
CFBT-410 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
CFBT-470 (NG, LP) – 24VIKHC	Honeywell – 24V Spark Ignition, Burner Type: Tree-Style
WTV60 (NG, LP) – 24VIKHC (SC, HC)	Honeywell – 24V Spark Ignition, Burner Type: Rectangular
WTV120 (NG, LP) – 24VIKHC (SC, HC)	Honeywell – 24V Spark Ignition, Burner Type: Rectangular
WTV180 (NG, LP) – 24VIKHC (SC, HC)	Honeywell – 24V Spark Ignition, Burner Type: Rectangular

Note: High Capacity (HC) ignitions may be substituted for Standard Capacity (SC) ignitions

Model Number	Description
CFB60 2XL-(NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-120 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-160 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-200 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-240 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-260 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-300 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-340 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBH-420 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: H-Style
CFBL-90 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-110 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-130 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-150 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-190 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-210 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-250 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-270 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFBL-320 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: Linear
CFB240 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Rectangular
CFBO-180 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Octagon
CFBO-280 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Octagon
CFBO-360 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: Octagon
CFBT-110 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style
CFBT-170 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style
CFBT-230 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style

CFBT-290 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style
CFBT-350 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style
CFBT-410 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style
CFBT-470 (NG, LP) – P24VIKHC	AWEIS – 24V Hot Surface Ignition, Burner Type: Tree-Style
WTV60 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Rectangular
WTV120 (NG, LP) – P24VIKSC (SC, HC)	AWEIS – 24V Hot Surface Ignition, Burner Type: Rectangular
WTV180 (NG, LP) – P24VIKSC	AWEIS – 24V Hot Surface Ignition, Burner Type: Rectangular

CROSSFIRE™ BRASS BURNER MATCH LIT SYSTEMS

Model Number	Description
CFB60LP	CFB60LP burner, plate or pan, lava rock
CFB60NG	CFB60NG burner, plate or pan, lava rock
CFB120LP	CFB120LP burner, plate or pan, lava rock, gas reducing orifice
CFB120NG	CFB120NG burner, plate or pan, lava rock, gas reducing orifice
CFB180LP	CFB180LP burner, plate or pan, lava rock, gas reducing orifice
CFB180NG	CFB180NG burner, plate or pan, lava rock, gas reducing orifice
CFB290LP	CFB290LP burner, plate or pan, lava rock, gas reducing orifice
CFB290NG	CFB290NG burner, plate or pan, lava rock, gas reducing orifice

CROSSFIRE™ BRASS BURNER 3V BATTERY OPERATED SYSTEMS

Model Number	Description
CFB60LP-3VIK	CFB60LP burner, plate or pan, lava rock, 3 Volt Battery Operated Electronic Ignition System
CFB60NG-3VIK	CFB60NG burner, plate or pan, lava rock, 3 Volt Battery Operated Electronic Ignition System
CFB120LP-3VIK	CFB120LP burner, plate or pan, lava rock, 3 Volt Battery Operated Electronic Ignition System
CFB120NG-3VIK	CFB120NG burner, plate or pan, lava rock, 3 Volt Battery Operated Electronic Ignition System

CROSSFIRE™ BRASS BURNER 24 VOLT ELECTRONIC IGNITION SYSTEMS – Premium - Standard Capacity

Model Number	Description
CFB60LP-P24VIKSC	CFB60LP, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB60NG-P24VIKSC	CFB60NG, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB120LP-P24VIKSC	CFB120LP, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB120NG-P24VIKSC	CFB120NG, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB180LP-P24VIKSC	CFB180LP, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB180NG-P24VIKSC	CFB180NG, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB290LP-P24VIKSC	CFB290LP, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system
CFB290NG-P24VIKSC	CFB290NG, plate or pan, lava rock, Premium 24 Volt standard capacity electronic ignition system

**CROSSFIRE™ BRASS BURNER 24 VOLT ELECTRONIC IGNITION
SYSTEMS – Premium - High Capacity**

Model Number	Description
CFB300LP-P24VIKHC	CFB300LP, plate or pan, lava rock, Premium 24 Volt high capacity electronic ignition system
CFB300NG-P24VIKHC	CFB300NG, plate or pan, lava rock, Premium 24 Volt high capacity electronic ignition system

**CROSSFIRE™ BRASS BURNER 24 VOLT ELECTRONIC IGNITION
SYSTEMS – Standard - Standard Capacity**

Model Number	Description
CFB60LP-24VIKSC	CFB60LP, plate or pan, lava rock, Standard 24 Volt standard capacity electronic ignition system
CFB60NG-24VIKSC	CFB60NG, plate or pan, lava rock, Standard 24 Volt standard capacity electronic ignition system
CFB120LP-24VIKSC	CFB120LP, plate or pan, lava rock, Standard 24 Volt standard capacity electronic ignition system
CFB120NG-24VIKSC	CFB120NG, plate or pan, lava rock, Standard 24 Volt standard capacity electronic ignition system
CFB180LP-24VIKSC	CFB180LP, plate or pan, lava rock, Standard 24 Volt standard capacity electronic ignition system
CFB180NG-24VIKSC	CFB180NG, plate or pan, lava rock, Standard 24 Volt standard capacity electronic ignition system

**CROSSFIRE™ BRASS BURNER 24 VOLT ELECTRONIC IGNITION
SYSTEMS – Standard - High Capacity**

Model Number	Description
CFB290LP-24VIKHC	CFB290LP, plate or pan, lava rock, Standard 24 Volt high capacity electronic ignition system
CFB290NG-24VIKHC	CFB290NG, plate or pan, lava rock, Standard 24 Volt high capacity electronic ignition system
CFB300LP-24VIKHC	CFB300LP, plate or pan, lava rock, Standard 24 Volt high capacity electronic ignition system
CFB300NG-24VIKHC	CFB300NG, plate or pan, lava rock, Standard 24 Volt high capacity electronic ignition system

Conditions of listing:

1. The product shall comply with sections 303.6 and 303.7 of the International Mechanical Code, section G2454.1 of the International Residential code, section 636.1 of the International Fuel Gas Code as well as section 932.0 of the Uniform Mechanical Code.
2. Installation shall be in accordance with the manufacturer's instructions and the requirements of the code sections references above.
3. The products are under a quality control program with an annual surveillance inspection by ICC-ES.