

GAS APPLIANCE LISTING PROGRAM

Customer: Archgard Industries Ltd.
Class: Vented Gas Fireplace Heaters
Location: Mission, BC
Website: <https://www.archgard.com/>
Listing No. G0003-2
Effective Date: August 22, 2018
Last Revised Date: August 22, 2018
Expires: <N/A>

Standards: ANSI Z21.88 / CSA 2.33 "Vented Gas Fireplace Heaters"
CSA 2.17 "Gas Fired Appliances for Use at High Altitudes"
CAN/CSA-P.4.1 Testing Method for Measuring Annual Fireplace Efficiency

With reference to:
CSA C22.2 No. 3 "Electrical Features of Fuel-Burning Equipment"

Product: Direct Vented Gas Fireplaces – Masonry Insert

Markings: Each product is marked with the following located so as to be easily read when the appliance is in a normally installed position:

1. QAI logo with the 'c' and 'us' indicators



2. Manufacturers name or recognized trademark
3. Manufacturers location (city, province)
4. Model designation of the appliance
5. The product standards used for the evaluation including the edition of the standard or the most recent effective addenda thereto:
 - a. ANSI Z21.88 / CSA 2.33 "Vented Gas Fireplace Heater"
 - b. CSA 2.17 "Gas Fired Appliances for Use at High Altitudes"
 - c. CAN/CSA-P.4.1 "Testing Method for Measuring Annual Fireplace Efficiency"
6. A distinctive number that will identify an individual appliance for traceability
7. Type of appliance: "Vented Gas Fireplace Heaters"
8. The manufacturer's normal hourly Btu input rating and manifold pressure in inches of water column
9. The manufacturer's minimum hourly Btu input rating for an appliance having a multi-rate or automatic modulating control

10. Type of gas for which equipped: "Natural Gas" or "Liquefied Petroleum (Propane)"
11. Minimum permissible gas supply pressure for purpose of input adjustment.
12. The statement: "Vented Gas Fireplace Heater – Not for Use with Solid Fuel."
 - a. Note: The size of the lettering used for this marking is Vogue boldfaced upper case type, or equivalent, having a minimum letter height of 0.100 in (2.54 mm). The minimum vertical spacing between lines of type is 0.066 in (1.67 mm). This letter height measurement corresponds to 10-point type. This line spacing measurement corresponds to 2-point leading.
13. On all vented gas fireplace heaters: "This vented gas fireplace heater is not for use with air filters."
14. Electrical rating including voltage, frequency (hz), total input in amperes. If the total input of all components is less than 12 amperes, the input marking may optionally be shown as "less than XX amperes" where XX is equal to or greater than the total input in amperes.
15. Where applicable, the statement: "FOR USE WITH GLASS DOORS CERTIFIED WITH THE APPLIANCE ONLY" or "NOT FOR USE WITH GLASS DOORS"
16. Where applicable, "For use only with barrier(s) Part No(s). _____. Follow installation instructions."

Other markings as required by the standard.

Appliance manuals and instructions are provided with each unit.

Models / Ratings:

Model	Fuel	Input Rating	Manifold Pressure	Min. Supply Pressure	Altitude	Fireplace Efficiency
22-DVI24N-3	NG	16,000 – 24,000 Btu/h (4.69 – 7.03 kW)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	48.77%
22-DVI24N-3	LP	17,000 – 23,000 Btu/h (4.98 – 6.74 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.8 – 3.5 kPa)	N & H	48.77%
27-DVIE22N-2	NG	15,500 – 22,400 Btu/hr (4.54 – 6.56 Kw)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	71.10%
27-DVIE22N-2	LP	16,500 – 21,000 Btu/hr (4.84 – 6.15 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	71.10%
27-DVIM22N-2	NG	15,500 – 22,400 Btu/hr (4.54 – 6.56 Kw)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	70.03%
27-DVIM22N-2	LP	16,500 – 21,000 Btu/hr (4.84 – 6.15 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	70.03%
31-DVIE33LN-2	NG	22,000 – 33,000 Btu/hr (6.1 – 9.6 kW)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	71.10%
31-DVIM33LN-2	NG	22,000 – 33,000 Btu/hr (6.1 – 9.6 kW)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	70.26%
31-DVIE33CN-2	NG	22,000 – 33,000 Btu/hr (6.1 – 9.6 kW)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	71.10%
31-DVIM33CN-2	NG	22,000 – 33,000 Btu/hr (6.1 – 9.6 kW)	1.6 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	70.26%
31-DVIE33LP-2	LP	24,000 – 31,000 Btu/hr (6.9 – 9.0 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	71.10%
31-DVIM33LP-2	LP	24,000 – 31,000 Btu/hr (6.9 – 9.0 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	70.26%
31-DVIE33CP-2	LP	24,000 – 31,000 Btu/hr (6.9 – 9.0 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	71.10%
31-DVIM33CP-2	LP	24,000 – 31,000 Btu/hr (6.9 – 9.0 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	70.26%
34-DVI34N-2	NG	23,000 – 34,000 Btu/hr (6.6 – 9.8 kW)	1.7 – 3.5 in w.c. (0.4 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	53.39%
34-DVI34N-2	LP	26,000 – 34,000 Btu/hr (7.5 – 9.8 kW)	6.3 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.73 – 3.5 kPa)	N & H	53.39%
36-DVIE40LN-1	NG	22,000 – 40,000 Btu/hr (6.45 – 11.72 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	76.95%
36-DVIE40LP-1	LP	20,000 – 40,000 Btu/hr (5.86 – 11.72 kW)	2.9 – 11.0 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	76.95%

Model	Fuel	Input Rating	Manifold Pressure	Min. Supply Pressure	Altitude	Fireplace Efficiency
UF0500	NG	17,500 – 31,500 Btu/hr (5.1 – 9.2 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	72.22%
UF0500	LP	15,000 – 29,500 Btu/hr (4.4 – 8.65 kW)	2.9 – 11.0 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	72.22%
UF0510	NG	17,500 – 31,500 Btu/hr (5.1 – 9.2 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	72.22%
UF0510	LP	15,000 – 29,500 Btu/hr (4.4 – 8.65 kW)	2.9 – 11.0 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	72.22%
UF0500-1	NG	17,500 – 31,500 Btu/hr (5.1 – 9.2 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	72.22%
UF0500-1	LP	15,000 – 29,500 Btu/hr (4.4 – 8.65 kW)	2.9 – 11.0 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	72.22%
UF0510-1	NG	17,500 – 31,500 Btu/hr (5.1 – 9.2 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	72.22%
UF0510-1	LP	15,000 – 29,500 Btu/hr (4.4 – 8.65 kW)	2.9 – 11.0 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	72.22%
UF0600	NG	21,000 – 40,000 Btu/hr (6.15 – 11.72 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	71.93%
UF0600	LP	20,000 – 40,000 Btu/hr (5.86 – 11.72 kW)	2.9 – 11.0 in w.c. (0.7 – 2.73 kPa)	12.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	71.93%
UF0610	NG	21,000 – 40,000 Btu/hr (6.15 – 11.72 kW)	1.1 – 3.8 in w.c. (0.27 – 0.95 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	71.93%
UF0610	LP	21,000 – 40,000 Btu/hr (6.15 – 11.72 kW)	2.9 – 11.0 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.99 – 3.49 kPa)	N & H	71.93%

* For minimum clearances to combustible, please refer to the manufacturer's installation manual.

** Electrical rating for all models is 120 V, 60 Hz, less than 6 A.

*** Altitude: N = 0 – 2000 feet (0 – 610 m), H = 2000 – 4500 feet (610 - 1372 m) above sea level

Notes: Each unit must be installed in accordance with the manufacturer's installation instructions and the code enforced by the Authority Having Jurisdiction (AHJ). Units must be installed by a qualified gas technician.

Refer to the following table for clearances to combustible materials:

Model	Min. opening dimensions	Min. side clearance from glass door frame	Min. distance from appliance to max mantle depth	Min. chimney flue size
22-DVI24N-3	23 in W x 18 in H x 15-3/4 in D (584 mm W x 457 mm H x 400 mm D)	8 in (203 mm)	min 34 in (864 mm) from bottom of appliance to max 6 in (152 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
27-DVIE22N-2	30 in W x 17-3/4 in H x 15-1/2 in D (762 mm W x 451 mm H x 394 mm D)	8 in (203 mm)	min 33 in (838 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
27-DVIM22N-2	30 in W x 17-3/4 in H x 15-1/2 in D (762 mm W x 451 mm H x 394 mm D)	8 in (203 mm)	min 33 in (838 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIE33LN-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIM33LN-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIE33CN-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIM33CN-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIE33LP-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIM33LP-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIE33CP-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIM33CP-2	33-1/2 in W x 20-1/4 in H x 15-1/2 in D (851 mm W x 514 mm H x 394 mm D)	8 in (203 mm)	min 39 in (991 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
34-DVI34N-2	27 in W x 20 in H x 15-3/4 in D (685 mm W x 508 mm H x 400 mm D)	8 in (203 mm)	min 37 in (940 mm) from bottom of appliance to max 6 in (152 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
36-DVIE40LN-1	37-7/8 in W x 24 in H x 18-1/2 in D (962 mm W x 610 mm H x 470 mm D)	8 in (203 mm)	min 20 in (508 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
36-DVIE40LP-1	37-7/8 in W x 24 in H x 18-1/2 in D (962 mm W x 610 mm H x 470 mm D)	8 in (203 mm)	min 20 in (508 mm) from bottom of appliance to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
UF0500	30-3/4 in W x 20 in H x 18 in D (781 mm W x 508 mm H x 457 mm D)	7 in (178 mm)	min 35 in (889 mm) from bottom of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
UF0510	30-3/4 in W x 20 in H x 18 in D (781 mm W x 508 mm H x 457 mm D)	7 in (178 mm)	min 35 in (889 mm) from bottom of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
UF0500-1	30-3/4 in W x 20 in H x 18 in D (781 mm W x 508 mm H x 457 mm D)	7 in (178 mm)	min 35 in (889 mm) from bottom of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)

Model	Minimum opening dimensions	Min. side clearance from glass door frame	Min. distance from appliance to max mantle depth	Minimum chimney flue size
UF0510-1	30-3/4 in W x 20 in H x 18 in D (781 mm W x 508 mm H x 457 mm D)	7 in (178 mm)	min 35 in (889 mm) from bottom of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
UF0600	34 in W x 24 in H x 16 in D (864 mm W x 610 mm H x 406 mm D)	8 in (203 mm)	min 24 in (610 mm) from bottom of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
UF0610	34 in W x 24 in H x 16 in D (864 mm W x 610 mm H x 406 mm D)	8 in (203 mm)	min 24 in (610 mm) from bottom of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)

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