

## 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: May 27, 2022  
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.



VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.  
LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.  
WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.  
TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.  
TORONTO, ON: 905.605.5444  
SEATTLE, WA: 425.512.8419  
WEBSITE: WWW.QAI.ORG

Models / Ratings:

Current Models

Model	Fuel	Input Rating	Manifold Pressure	Min. Supply Pressure	Altitude	Fireplace Efficiency
22-DVI24N-3	NG	16,000 – 24,000 BTU/h (4.68 – 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	46.71%
22-DVI24P-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	46.71%
22-DVIE22LN-1	NG	15,000 – 22,000 BTU/h (4.4 – 6.45 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	67.21%
22-DVIE22LP-1	LP	17,000 – 22,000 Btu/h (4.98 – 6.45 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	67.21%
22-DVIM22LN-1	NG	15,000 – 22,000 BTU/h (4.4 – 6.45 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	63.13% (SIT 820) 66.14% (SIT 821)
22-DVIM22LP-1	LP	17,000 – 22,000 Btu/h (4.98 – 6.45 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	63.13% (SIT 820) 66.14% (SIT 821)
27-DVIE22N-2	NG	15,000 – 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	70.73%
27-DVIE22P-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. (2.8 – 3.5 kPa)	N & H	70.73%
27-DVIM22N-2	NG	15,000 – 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	67.34% (SIT 820) 69.85% (SIT 821)
27-DVIM22P-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. (2.8 – 3.5 kPa)	N & H	67.34% (SIT 821) 69.85% (SIT 821)
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	73.07%
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	73.07%
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	73.07%
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	73.07%
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	70.72% (SIT 820) 72.47% (SIT 821)
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	70.72% (SIT 820) 72.47% (SIT 821)
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	70.72% (SIT 820) 72.47% (SIT 821)
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	70.72% (SIT 820) 72.47% (SIT 821)

Model	Fuel	Input Rating	Manifold Pressure	Min. Supply Pressure	Altitude	Fireplace Efficiency
34-DVI34N-2	NG	23,000 – 34,000 Btu/hr (6.6 – 9.8 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	52.23%
34-DVI34P-2	LP	26,000 – 34,000 Btu/hr (7.5 – 9.8 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	52.23%
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%
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	71.93%
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	71.93%
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	71.93%
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	71.93%
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. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 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	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	71.93%
UF0505	NG	17,500 – 31,500 Btu/hr (5.1 – 9.2 kW)	1.1 – 3.8 in w.c. (0.2 – 0.94 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	71.19%
UF0505	LP	15,000 – 28,500 Btu/hr (4.4 – 8.3 kW)	2.9 – 11.0 in w.c. (0.7 – 2.7 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	71.19%
31-DVIE33LN-3	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	73.07%
31-DVIE33LP-3	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	73.07%
31-DVIE33CN-3	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	73.07%
31-DVIE33CP-3	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	73.07%

Obsolete Models

Note: These models were listed to older editions of the standard and are no longer in production.

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	71.93%
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	71.93%
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	71.93%
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	71.93%

\* For minimum clearances to combustibles, 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.
- Model name breakdown: AA-DVIBCFE-F
  - “AA” represents the glass diagonal dimension
  - “DV” represents Direct Vent
  - “I” represents Insert,
  - “B” represents control system, i.e. E = electronic and M = millivolt
  - “C” represents BTU rating in thousand
  - “D” represents burner type, i.e. C = contemporary burner and L = log burner
  - “E” represents fuel type, i.e. N = natural gas and P = propane
  - “F” represents revision number

**Refer to the following table for clearances to combustibles 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(P)-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)
22-DVIE22LN(P)-1	24 in W x 18 in H x 16-1/8 in D (607 mm W x 457 mm H x 410 mm D)	7 in (178 mm)	min 15 in (381 mm) from top of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
22-DVIM22LN(P)-1	24 in W x 18 in H x 16-1/8 in D (607 mm W x 457 mm H x 410 mm D)	7 in (178 mm)	min 15 in (381 mm) from top of appliance to max 8 in (203 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
27-DVIE22N(P)-2	27-1/8 in W x 17-15/16 in H x 14-3/8 in D (689 mm W x 455 mm H x 365 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(P)-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(P)-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(P)-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(P)-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(P)-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(P)-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(P)-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)
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)

Model	Minimum opening dimensions	Min. side clearance from glass door frame	Min. distance from appliance to max mantle depth	Minimum chimney flue size
UF0505	28-1/2 in W x 22 in H x 17-1/2 in D (724 mm W x 559 mm H x 445 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)
31-DVIE33LN(P)-3	30 in W x 20.180 in H x 14.25 in D (762 mm W x 512.6 mm H x 362 mm D)	8 in (203 mm)	min 19.5 in (495.3 mm) from the top of appliance door to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)
31-DVIE33CN(P)-3	30 in W x 20.180 in H x 14.25 in D (762 mm W x 512.6 mm H x 362 mm D)	8 in (203 mm)	min 19.5 in (495.3 mm) from the top of appliance door to max 12 in (305 mm) mantle (underside)	4 in x 7 in (100 mm x 176 mm)

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