

GAS APPLIANCE LISTING PROGRAM

Customer: Archgard Industries Ltd.
Class: Vented Gas Fireplace Heaters
Location: Mission, BC
Website: <https://www.archgard.com/>
Listing No. G0003-1
Effective Date: February 23, 2018
Last Revised Date: March 13, 2023
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

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-(year) / CSA 2.33-(year) “Vented Gas Fireplace Heater”
 - b. CSA 2.17 (year) “Gas Fired Appliances for Use at High Altitudes”
 - c. CAN/CSA-P.4.1 (year) “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:

Current Models

Model	Fuel	Input Rating	Manifold Pressure	Supply Pressure	Altitude	Fireplace Efficiency
24-DVRS25N-2	NG	14,000 – 25,000 Btu/h (4.10 – 7.33 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	74.96%
24-DVRS25N-2	LP	14,000 – 25,000 Btu/h (4.10 – 7.33 kW)	2.9 – 11 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	74.96%
35-DVRS31N-2	NG	16,000 – 31,000 Btu/hr (4.69 – 9.1 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	75.40%
35-DVRS31N-2	LP	16,000 – 31,000 Btu/hr (4.69 – 9.1 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	75.40%
45-DVFS28N-3	NG	18,750 – 28,000 Btu/hr (5.5 – 8.2 kW)	1.6 – 3.5 in w.c. (0.39 – 0.87 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	57.84% (SIT 820) 60.21% (SIT 821)
45-DVFS28N-3	LP	19,600 – 28,000 Btu/hr (5.74 – 8.2 kW)	6.4 – 10.0 in w.c. (1.59 – 2.49 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	57.84% (SIT 820) 60.21% (SIT 821)
45-DVFE28LN-1	NG	18,750 – 28,000 Btu/hr (5.5 – 8.2 kW)	1.6 – 3.5 in w.c. (0.39 – 0.87 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	68.35%
45-DVFE28LN-1	LP	19,600 – 28,000 Btu/hr (5.7 – 8.2 kW)	6.4 – 10.0 in w.c. (1.59 – 2.49 kPa)	11.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	68.35%
57-DVRS50N	NG	21,000 – 50,000 Btu/hr (6.1 – 14.7 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	72.74%
57-DVRS50N	LP	19,000 – 50,000 Btu/hr (5.6 – 14.7 kPa)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	72.74%
72-DVT30N-2	NG	20,100 – 30,000 Btu/hr (5.9 – 8.8 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	65.94% (SIT 820) 67.80% (SIT 821)
72-DVT30N-2	LP	23,000 – 30,000 Btu/hr (6.7 – 8.8 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	65.94% (SIT 820) 67.80% (SIT 821)
72-DVTE30N-2	NG	20,100 – 30,000 Btu/hr (5.9 – 8.8 kW)	1.6 – 3.5 in w.c. (0.40 - 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	68.45%
72-DVTE30N-2	LP	23,000 – 30,000 Btu/hr (6.7 – 8.8 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	68.45%
72-DVTE30P-2	NG	20,100 – 30,000 Btu/hr (5.9 – 8.8 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	68.45%
72-DVTE30P-2	LP	23,000 – 30,000 Btu/hr (6.7 – 8.8 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	68.45%

Model	Fuel	Input Rating	Manifold Pressure	Supply Pressure	Altitude	Fireplace Efficiency
3400-DVTR20N-3	NG	13,000 – 20,000 Btu/hr (3.8 – 5.9 kPa)	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	54.54% (SIT 820) 56.98% (SIT 821)
3400-DVTR20N-3	LP	15,000 – 20,000 Btu/hr (4.4 – 5.8 kPa)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	54.54% (SIT 820) 56.98% (SIT 821)
UF0100	NG	19,500 – 39,500 Btu/hr (5.72 – 11.58 kW)	1.1 – 3.8 in w.c. (0.3 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	76.38%
UF0100	LP	19,500 – 39,500 Btu/hr (5.72 – 11.58 kW)	2.9 – 11.0 in w.c. (0.7 – 2.73 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	78.27%
UF0200	NG	19,000 – 27,000 Btu/hr (5.6 – 7.9 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	71.13 %
UF0200	LP	21,000 – 27,000 Btu/hr (6.15 – 7.9 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	11.0 – 14.0 in w.c. (2.7 – 3.5 kPa)	N & H	71.13%
UF0205	NG	19,000 – 27,000 Btu/hr (5.6 – 7.9 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	70.46%
UF0205	LP	21,000 – 27,000 Btu/hr (6.15 – 7.9 kW)	6.4 – 10.0 in w.c. (1.6 – 2.5 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	70.46%
41-DVTE41LN-2 ****	NG	22,000 – 41,000 Btu/hr (6.45 – 12.02 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	70.08%
41-DVTE41LP-2 ****	LP	22,000 – 41,000 Btu/hr (6.45 – 12.02 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	70.08%
345-DVTE31LN-1 ****	NG	17,000 – 31,000 Btu/hr (4.98 – 9.09 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	67.98%
345-DVTE31LP-1 ****	LP	16,000 – 30,000 Btu/hr (4.69 – 8.79 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	67.98%
37-DVTE36LN-2 ****	NG	20,000 – 36,500 BTU/h (5.86 – 10.7 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	69.83%
37-DVTE36LP-2 ****	LP	19,000 – 36,500 BTU/h (5.57 – 10.7 kW)	2.9 – 11 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	69.83%

* 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
 **** Model is approved for use with the iHEAT system.

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.

Obsolete Models

Model	Fuel	Input Rating	Manifold Pressure	Supply Pressure	Altitude	Fireplace Efficiency
37-DVTE30LN-1	NG	16,500 – 30,000 BTU/h (4.84 – 8.79 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	70.21%
37-DVTE30LP-1	LP	16,000 – 30,000 BTU/h (4.69 – 8.79 kW)	2.9 – 11 in w.c. (0.72 – 2.74 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	70.21%
41-DVTE36LN-1	NG	20,000 – 36,500 Btu/hr (5.86 – 10.7 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	75.64%
41-DVTE36LP-1	LP	19,000 – 36,500 Btu/hr (5.56 – 10.7 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	75.64%
UF0110	NG	20,000 – 37,000 Btu/hr (5.86 – 10.84 kW)	1.1 – 3.8 in w.c. (0.3 – 0.9 kPa)	5.0 – 14.0 in w.c. (1.2 – 3.5 kPa)	N & H	76.38%
UF0110	LP	19,000 – 37,000 Btu/hr (5.57 – 10.84 kW)	2.9 – 11.0 in w.c. (0.7 – 2.73 kPa)	12.0 – 14.0 in w.c. (2.9 – 3.5 kPa)	N & H	78.27%

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

Refer to the following table for clearances to combustible materials:

Model	Fireplace standoffs to chase sides, back and top (unless stated otherwise)	Fireplace opening to interior sidewall (unless stated otherwise)	Fireplace opening to ceiling (unless stated otherwise)	Mantle above fireplace opening * (unless stated otherwise)	Vent pipe to side and bottom framing	Vent pipe to top framing
37-DVTE30LN-1	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	20-5/8 in (524 mm)	1 in (25 mm)	2 in (50 mm)
37-DVTE30LP-1	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	20-5/8 in (524 mm)	1 in (25 mm)	2 in (50 mm)
24-DVRS25N-2	0 in (0 mm)	9 in (227 mm) [to side of door]	24 in (610 mm) [to top of door]	14 in (356 mm) [to the top of the fireplace door]	1 in (25 mm)	2 in (50 mm)
35-DVRS31N-2	0 in (0 mm)	9 in (227 mm) [to side of door]	24 in (610 mm) [to top of door]	14 in (356 mm) [to the top of the fireplace door]	1 in (25 mm)	2 in (50 mm)
41-DVTE36LN-1	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	21 in (533 mm)	1 in (25.4 mm)	2 in (50.8 mm)
41-DVTE36LP-1	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	21 in (533 mm)	1 in (25.4 mm)	2 in (50.8 mm)
45-DVFS28N-3	4 in (102 mm) [to back of the fireplace]	11 in (280 mm) [to side of fireplace]	24 in (610 mm) [to tope of fireplace]	48 in (1220 mm) [from the bottom of the appliance]	1 in (25.4 mm)	2 in (50.8 mm)
45-DVFE28LN-1	4 in (102 mm) [to back of the fireplace]	11 in (280 mm) [to side of fireplace]	24 in (610 mm) [to tope of fireplace]	-	1 in (25.4 mm)	2 in (50.8 mm)
57-DVRS50N	0 in (0 mm)	18 in (457.2 mm)	30 in (762 mm) [to top of door]	18 in (457.2 mm)	1 in (25.4 mm)	2 in (50.8 mm)
72-DVT30N-2	0 in (0 mm)	1 in (25 mm) [to side of fireplace]	84 in (2164 mm) [from bottom of fireplace]	Max 6 in (152 mm) mantle 45 in (1143 mm) [to bottom of fireplace]	1 in (25.4 mm)	2 in (50.8 mm)
72-DVTE30N-2	0 in (0 mm)	1 in (25 mm) [to side of fireplace]	84 in (2164 mm) [from bottom of fireplace]	Max 6 in (152 mm) mantle 45 in (1143 mm) [to bottom of fireplace]	1 in (25.4 mm)	2 in (50.8 mm)

Model	Fireplace standoffs to chase sides, back and top (unless stated otherwise)	Fireplace opening to interior sidewall (unless stated otherwise)	Fireplace opening to ceiling (unless stated otherwise)	Mantle above fireplace opening * (unless stated otherwise)	Vent pipe to side and bottom framing	Vent pipe to top framing
72-DVTE30P-2	0 in (0 mm)	1 in (25 mm) [to side of fireplace]	84 in (2164 mm) [from bottom of fireplace]	Max 6 in (152 mm) mantle 45 in (1143 mm) [to bottom of fireplace]	1 in (25.4 mm)	2 in (50.8 mm)
3400-DVTR20N-3	0 in (0 mm)	1 in (25 mm) [from side of fireplace]	84 in [from bottom of fireplace] (2164 mm)	Max 6 in (152 mm) mantle 6 in (152 mm) [to top of fireplace opening]	1 in (25.4 mm)	2 in (50.8 mm)
UF0100	1/2 in (13 mm) [to back of fireplace]	1/2 in (13 mm) [to side of fireplace]	31 in (787 mm) [to top of fireplace]	Max 9 in (229 mm) mantle 12-1/2 in (318 mm) [to top of fireplace]	1 in (25.4 mm)	2 in (50.8 mm)
UF0110	1/2 in (13 mm) [to back of fireplace]	1/2 in (13 mm) [to side of fireplace]	31 in (787 mm) [to top of fireplace]	Max 9 in (229 mm) mantle 12-1/2 in (318 mm) [to top of fireplace]	1 in (25.4 mm)	2 in (50.8 mm)
UF0200	0 in (0 mm)	4 in (102 mm)	60 in (1524 mm)	20-1/4 in (514 mm)	1 in (25 mm)	2 in (50 mm)
UF0205	0 in (0 mm)	4 in (102 mm)	60 in (1524 mm)	20-1/4 in (514 mm)	1 in (25 mm)	2 in (50 mm)
41-DVTE41LN-2	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	21 in (533 mm)	1 in (25.4 mm)	2 in (50.8 mm)
41-DVTE41LP-2	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	21 in (533 mm)	1 in (25.4 mm)	2 in (50.8 mm)
345-DVTE31LN-1	0 in (0 mm)	4 in (102 mm)	60 in (1524 mm)	21-1/4 in (540 mm)	1 in (25.4 mm)	2 in (50.8 mm)
345-DVTE31LP-1	0 in (0 mm)	4 in (102 mm)	60 in (1524 mm)	21-1/4 in (540 mm)	1 in (25.4 mm)	2 in (50.8 mm)
37-DVTE36LN-2	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	23-1/8 in (587 mm)	1 in (25 mm)	2 in (50 mm)
37-DVTE36LP-2	0 in (0 mm)	7-1/4 in (184 mm)	60 in (1524 mm)	23-1/8 in (587 mm)	1 in (25 mm)	2 in (50 mm)

* Mantle protruding 8" (203 mm) from face of wall.

Only the following gas fireplace heater models are approved for use with the IHEAT System:

Model	Fuel	Input Rating
41-DVTE41LN-2	NG	22,000 – 41,000 Btu/hr (6.45 – 12.02 kW)
41-DVTE41LP-2	LP	22,000 – 41,000 Btu/hr (6.45 – 12.02 kW)
345-DVTE31LN-1	NG	17,000 – 31,000 Btu/hr (4.98 – 9.09 kW)
345-DVTE31LP-1	LP	16,000 – 30,000 Btu/hr (4.69 – 8.79 kW)
37-DVTE36LN-2	NG	20,000 – 36,500 BTU/h (5.86 – 10.7 kW)
37-DVTE36LP-2	LP	19,000 – 36,500 BTU/h (5.57 – 10.7 kW)

Refer to the IHEAT system installation instructions and safety warnings provided by the manufacturer prior to installation or use of the IHEAT system with the fireplace heater model(s) listed above. The IHEAT system may not be used with fireplace heater models not listed above. Only IHEAT components supplied by the manufacturer such as the grills, manifold and brackets are to be used with the IHEAT system. Double walled (2-ply) aluminum vent ducting that is certified by a certification body that is acceptable to the Authority Having Jurisdiction (AHJ) to either UL 2112 or UL 1777 in USA or ULC S635 in Canada must be installed with the IHEAT system. Final acceptance of the installation of the IHEAT system is subject to the review and requirements of the Authority Having Jurisdiction.

Notes: The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at www.qai.org for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
