



RESIDENTIAL GAS-FIRED WATER HEATERS
POWER DIRECT VENT

40 | 48 | 50 | 60 | U.S. GALLONS



Proudly
Canadian

Giant®
Enhancing everyday living

FVIR TECHNOLOGY

All residential gas-fired water heaters built with FVIR technology meet the latest edition of the North American Standards ANSI Z21.10.1/CSA 4.1. They are specially designed to prevent the ignition of flammable vapours such as aerosol sprays, cleaning solvents, gasoline, paints, paint thinner, and thinner lacker, outside of the water heater.

**UG40, UG50 and UG60
Natural Gas Models**

Maximum equivalent length	
2 inch (5.1 cm) vent	50 feet (15.2 m)
3 inch (7.6 cm) vent	80 feet (24.4 m)

**UG50-62
Natural Gas and Propane Models**

Maximum equivalent length	
3 inch (7.6 cm) vent	60 feet (18.3 m)
4 inch (10.2 cm) vent	180 feet (54.9 m)



BENEFITS

1- INTELLI-VENT™ GAS CONTROL VALVE

State-of-the-art, tamper resistant, and self diagnosing electronic gas control valve is installed for more precise water temperature control and easy troubleshooting.

- Integrated ON/OFF switch.
- Detailed fault history.
- Protective PVC tubing over the ignition wires.
- Serviceable single circuit board.

2- SIGHT GLASS

Provides easy viewing into the combustion chamber to verify the operation of the igniter and the burner.

3- SILICON NITRIDE IGNITER

Improves efficiency by eliminating the energy used by a standing pilot. The operating life of the igniter is extended using the gas control's Intelli-Ignition™ technology.

4- ROLL-AROUND BASE

Provides easy handling for installer without damaging the floor during installation.

5- FLAMMABLE VAPOUR SENSOR

Detects the presence of flammable vapours and shuts down the water heater.

6- GLASS LINED INNER TANK

A uniquely formulated bluecobalt glass enriched with zircon is fused to specially treated steel at 1,600°F (871°C) to provide the best coating available against corrosion for many years. The tank is certified at a test pressure of 300 PSI (2,068 kPa) and a working pressure of 150 PSI (1,034 kPa).

7- HIGH QUALITY MAGNESIUM ANODE

Provides excellent protection against the corrosive effects of water and extends tank life.

8- 3/4" NPT-F SIDE TAPPINGS*

For combination heating applications.

9- FACTORY INSTALLED 3/4" NPT DI-ELECTRIC NIPPLES

Extend the life of the water heater by providing excellent corrosion protection.

10- TWO (2) INCH TWO-PIPE INTAKE/EXHAUST SYSTEM**

Combustion air is drawn from the outside providing a constant supply of fresh air to the burner. Can be vented horizontally through the wall or vertically through the roof. Refer to the instruction manual for full details.

11- FACTORY INSTALLED TEMPERATURE AND PRESSURE-RELIEF VALVE

Protects the tank from the damaging effects of excessive temperature and pressure.

12- INSULATION

A thick uniform blanket of **GREENFOAM** eco-friendly insulation keeps the water hotter for longer periods, reduces stand-by losses and energy costs. **GREENFOAM** contains no HCFC's (hydrochlorofluorocarbons), CFC's (chlorofluorocarbons) nor VOC's (volatile organic compounds).

13- DRAIN VALVE

Excellent quality, tamper resistant, one-piece brass drain valve is installed for easy drainage.

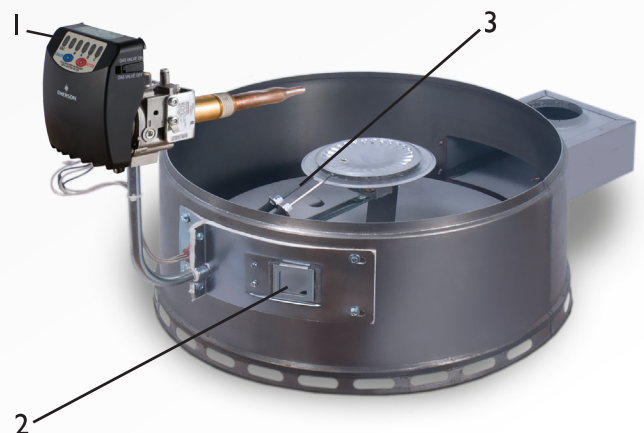
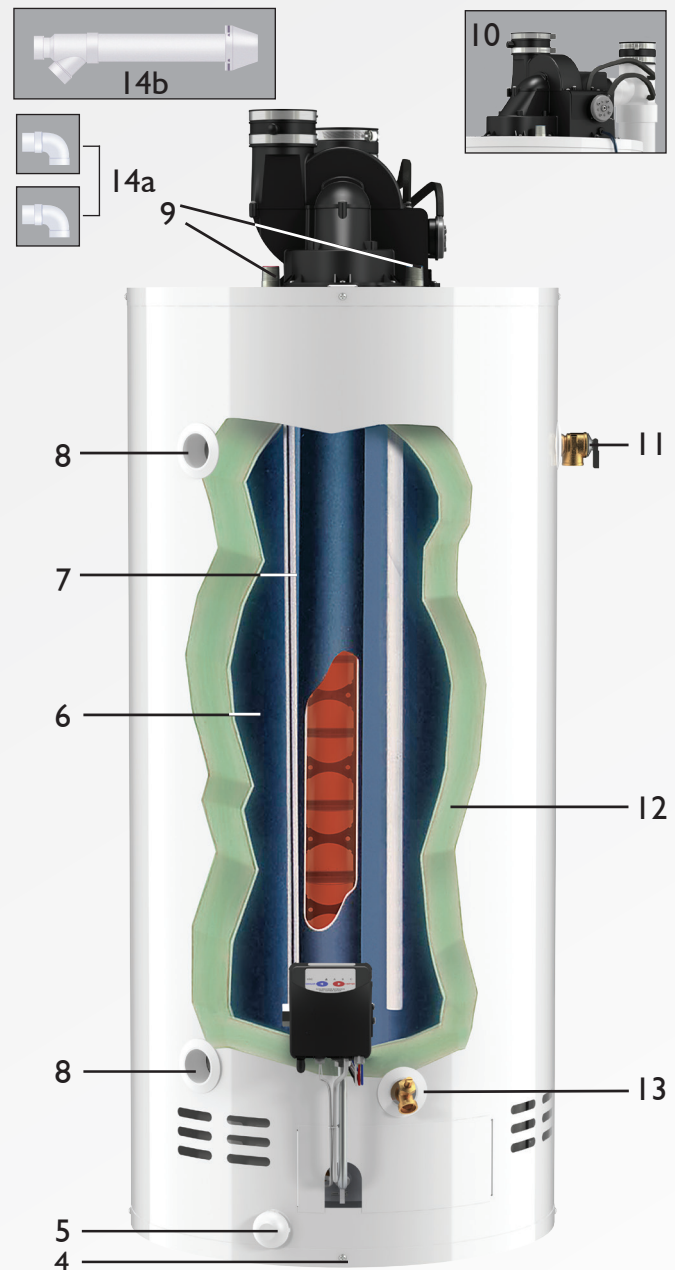
14- A CHOICE OF TWO POSSIBLE TERMINATIONS

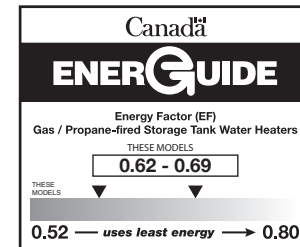
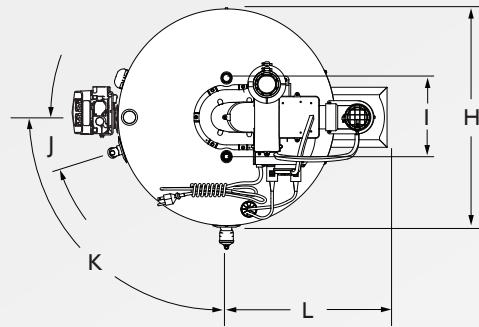
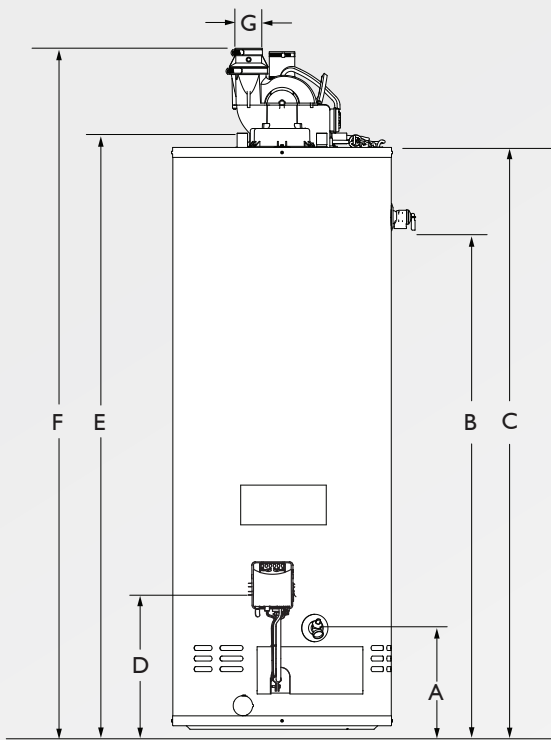
a) Standard 90° elbows are used for termination of venting and intake (included in the box).

b) Optional concentric vent termination provides easy installation of the venting system, requiring only one hole through the wall or the roof (certain restrictions apply to total equivalent length).

* Applicable on models UG50-62LFPDVI-N2U and UG50-62LFPDVI-P2U.

** Refer to vent diameter (letter G) in dimension grid.





SPECIFICATIONS

Models	Storage Capacity			Input BTU	Recovery 90°F / 50°C			E.F. Number	Estimated ship. weight	
	U.S. (gal.)	Litre	Imp. (gal.)		U.S. (gal.)	Litre	Imp. (gal.)		lb	(kg)
Natural Gas										
UG40-38TFPDVI-N2U	40	151	33	38,000	41.5	156.9	34.5	0.67	185	(84)
UG50-38TFPDVI-N2U	48	182	40	38,000	40.9	155.0	34.1	0.67	185	(84)
UG50-62LFPDVI-N2U*	50	189	42	62,000	69.3	262.3	57.7	0.69	222	(101)
UG60-38MFPDVI-N1U	60	227	50	38,000	40.4	153.0	33.7	0.63	204	(93)
Propane Gas										
UG50-41TFPDVI-P2U	48	182	40	41,000	43.6	165.1	36.3	0.64	185	(84)
UG50-62LFPDVI-P2U*	50	189	42	62,000	69.3	262.3	57.7	0.69	222	(101)
UG60-41MFPDVI-P1U	60	227	50	41,000	43.6	165.1	36.3	0.62	200	(91)

DIMENSIONS inches (cm)

Models	A		B		C		D		E		F		G		H		I		J	K	L	
	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)			inches	(cm)
All UG40	9 1/2 (24)		51 5/8 (131)		60 (153)		14 1/4 (36)		61 1/16 (155)		69 7/8 (177)		2-3 (5-7.6)		20 (51)		8 (20)		19.5°	90.0°	15 3/4 (40)	
All UG50	9 1/2 (24)		50 1/8 (128)		58 5/8 (149)		14 1/4 (36)		59 5/8 (151)		68 5/8 (174)		2-3 (5-7.6)		22 (56)		8 (20)		17.4°	90.0°	16 1/4 (41)	
All UG50-62	9 3/8 (24)		43 1/8 (110)		53 1/8 (135)		14 1/2 (37)		54 1/8 (137)		63 1/8 (160)		3 (7.6)		24 (61)		8 (20)		18.5°	90.0°	17 3/8 (44)	
All UG60	9 1/2 (24)		50 1/4 (128)		58 5/8 (149)		14 1/4 (36)		60 (153)		68 1/2 (174)		2-3 (5-7.6)		22 (56)		8 (20)		15.6°	90.0°	16 3/8 (42)	

All models are suitable for potable water and space heating applications. Toxic chemicals, such as those used for boiler treatment, must NEVER be introduced into this system. These units must NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

* Available with heating side tapings.



Giant offers a SIX (6)* year limited warranty against inner tank leakage from the date of installation. SIX (6)* year limited warranty on component parts. For more specific warranty details including exceptions, consult the owner's manual provided with each water heater.

*When installed by a professional.



A family company
since 1945.

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