



Giant®

Enhancing everyday living

RESIDENTIAL GAS-FIRED WATER HEATERS
POWER DIRECT VENT

| 40 | 50 | U.S. GALLONS

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.

A power direct vent water heater is ideal when inside air can't be used for combustion, and a longer vent run is required. The air is drawn from outside using a pipe, and a motorized blower forces the exhaust outside.

VENT PIPE LENGTHS

Model	Vent Pipe Diameter	Minimum Number of Elbows Required*	Minimum Vent Length with One Elbow		Maximum Equivalent Vent Length	
			feet (m)		feet (m)	
	inches		concentric	2 pipes	concentric	2 pipes
UG40-40	2	1	7 (2)	7 (2)	50 (15)	50 (15)
	3	1	7 (2)	7 (2)	100 (30)	125 (38)
	4	1	N/A	50 (15)	N/A	180 (55)
UG50-45	2	1	7 (2)	7 (2)	50 (15)	50 (15)
	3	1	7 (2)	7 (2)	100 (30)	125 (38)
	4	1	N/A	50 (15)	N/A	180 (55)
UG50-62	3	1	7 (2)	7 (2)	45 (14)	50 (15)
	4	1	N/A	50 (15)	N/A	125 (38)

*Refer to installation manual for further details.



BENEFITS

COMPACT DESIGN

Ideal as a replacement water heater and for closet installations.

ULTRA-QUIET BLOWER

A quiet blower to reduction the operation noise level for a more comfortable living environment.

TANKSAVER® DESIGN

An exclusive TankSaver® design to prolong tank life.

SIDE TAPS AVAILABLE

Convenient 3/4" side taps for combination applications on 50-62 high-input models.

GLASS-LINED INNER TANK

Glass lining provides superior protection against tank corrosion.

SEALED COMBUSTION CHAMBER

Eliminates the need for a flammable vapour sensor.

ZERO CLEARANCE TO COMBUSTIBLES

Can installed in close proximity to combustible materials without the risk of overheating or igniting nearby combustible materials.

GAS CONTROL VALVE

State-of-the-art electronic gas control valve features advanced self diagnostic capability that makes troubleshooting easy.

FACTORY INSTALLED T&P RELIEF VALVE AND DRAIN VALVE

Conveniently located T&P and brass drain valve for ease of installation and serviceability.

HIGH-QUALITY MAGNESIUM ANODE

Top mounted heavy-duty magnesium anode rod for added tank protection.

VENTING OPTIONS

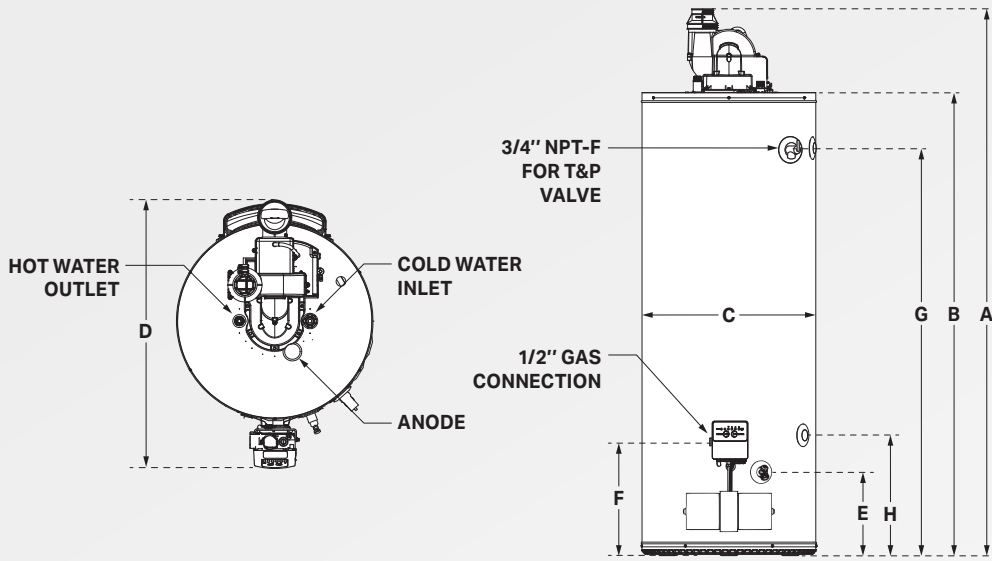
Can be vented with 2", 3" or 4" ULC S636 PVC, CPVC or polypropylene pipe up to 180 equivalent feet.

CONCENTRIC VENT INSTALLATION

Can be installed using a concentric vent kit for ease of installation.

MODELS AVAILABLE FOR PROPANE AND NATURAL GAS!





Canada
ENERGUIDE

Uniform Energy Factor (UEF)
Gas / Propane-fired Storage Water Heaters

This product's capacity*
0.68-0.73

more → energy use ← least

*Only compare products of similar capacities
Visit energiguide.gc.ca/water-heater-label for more information.



SPECIFICATIONS

Model	Capacity			Input BTU	Altitude Feet (Meters)	Recovery Rate 90°F / 50°C			First Hour Rating US gal.(L)	Energy Factor	UEF	Estimated Shipping Weight lb (kg)
	US gal.	Liters	IMP gal.			US gal.	Liters	gal. IMP				
NATURAL GAS												
UG40-40SPDV3-N2 300	40	151	33	40,000	10,100 (3,078)	45	170	37	71 (269)	0.71	0.68	174 (79)
UG50-45TPDV3-N2 300	50	189	42	45,000	10,100 (3,078)	50	189	42	93 (352)	0.70	0.72	192 (87)
UG50-62TPDV3-N2 300*	50	189	42	62,000	10,100 (3,078)	50	189	42	100 (379)	0.71	0.73	200 (91)
PROPANE GAS												
UG50-45TPDV3-P2 301	50	189	42	45,000	10,100 (3,078)	50	189	42	93 (352)	0.70	0.72	192 (87)
UG50-62TPDV3-P2 301*	50	189	42	62,000	10,100 (3,078)	50	189	42	100 (379)	0.71	0.73	200 (91)

DIMENSIONS

Model	A		B		C		D		E		F		G		H	
	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)
UG40-40	58 1/4	(148)	49 5/8	(126)	22	(56)	29 7/8	(76)	11	(28)	13 1/4	(34)	42 1/2	(108)	—	
UG50-45	67 1/2	(171)	58 7/8	(150)	22	(56)	29 7/8	(76)	11	(28)	13 1/4	(34)	51 3/4	(131)	—	
UG50-62	68 7/8	(175)	60 1/4	(154)	22	(56)	29 7/8	(76)	11	(28)	13 1/4	(34)	52 3/4	(134)	15 1/4	(39)

*Models with side 3/4" side taps.
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 unit must NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.
All models are certified for normal and high altitude applications.
For specific details, consult the owner's manual provided with each water heater.

WARRANTY

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

*When installed by a professional.



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