

## Installing Your Water Heater

### Can I install my water heater myself?

Any heating appliance should be installed by an experienced technician. If you are not comfortable installing your water heater, please speak with your sales associate.

### What other tools and parts will I need?

- Purchase pipe wrap to insulate your water heater lines.
- You will need solder, flux, propane torch and sandpaper for your installation.
- You will also need an adjustable wrench, locking and standard pliers and electrical connectors, all available from your water heater retailer or hardware store.

### Am I ready to install?

Before starting, you should be familiar with local codes and read the owner's manual carefully. It has all the information you need. Follow all safety requirements. Plan your location to avoid long piping runs. If you have any questions, contact GSW at 1-888-GSW-TECH.

### Important Note

When installing a water heater, the tank must be full of water BEFORE you turn on the power or fire up the burner.

Visit the GSW website at [www.gsw-wh.com](http://www.gsw-wh.com)

for access to:

- Warranty Validation
- An Online Parts Catalogue
- A Contractor Locator

GSW Technical Support:  
techsupport@gsw-wh.com  
1-888-GSW-TECH

## Choose Your Model

⚡ Electric						
		Model	Capacity IG (Litres)	Watts/Volts	Height in (cm)	Diameter in (cm)
6 Year Warranty	Top Entry	6G50SDE1	40 (184)	3000/240	49 (124)	20 <sup>5</sup> / <sub>8</sub> (52)
		6G80SDE1	60 (284)	4500/240	60 (152)	22 <sup>5</sup> / <sub>8</sub> (57)
	Comfort Smart Top Entry	6G50SDE	40 (184)	3000/240	49 <sup>1</sup> / <sub>4</sub> (125)	22 <sup>1</sup> / <sub>8</sub> (56)
		6G80SDE	60 (284)	4500/240	60 <sup>1</sup> / <sub>8</sub> (153)	23 <sup>7</sup> / <sub>8</sub> (61)
	Cascade Side Entry	6G50SDEB1	40 (184)	3000/240	49 (124)	20 <sup>5</sup> / <sub>8</sub> (52)
		6G80SDEB1	60 (284)	4500/240	60 (152)	22 <sup>5</sup> / <sub>8</sub> (57)
9 Year Warranty	Top Entry	9G50SDE	40 (184)	3000/240	49 <sup>1</sup> / <sub>4</sub> (125)	22 <sup>1</sup> / <sub>8</sub> (56)
		9G80SDE	60 (284)	4500/240	60 <sup>1</sup> / <sub>8</sub> (153)	23 <sup>7</sup> / <sub>8</sub> (61)
	Cascade Side Entry	9G50SDEB	40 (184)	3000/240	49 <sup>1</sup> / <sub>4</sub> (125)	22 <sup>1</sup> / <sub>8</sub> (56)
		9G80SDEB	60 (284)	4500/240	60 <sup>1</sup> / <sub>8</sub> (153)	23 <sup>7</sup> / <sub>8</sub> (61)
12 Year Warranty	Top Entry	12G50TDE3	40 (184)	4500/240	59 (150)	22 <sup>1</sup> / <sub>8</sub> (56)

🔥 Gas						
		Model	Capacity IG (Litres)	Input BTU/hr	Height in (cm)	Diameter in (cm)
6 Year Warranty	Standard	G630S27FV	25 (113)	27,000	49 <sup>7</sup> / <sub>8</sub> (127)	18 <sup>3</sup> / <sub>4</sub> (48)
		G640S38FV	33.3 (151)	38,000	53 (153)	20 <sup>1</sup> / <sub>2</sub> (52)
		G650S40FV	41.6 (189)	40,000	54 <sup>1</sup> / <sub>2</sub> (138)	22 <sup>1</sup> / <sub>2</sub> (57)
		6G60NA	50 (227)	52,200	62 <sup>1</sup> / <sub>2</sub> (160)	22 <sup>1</sup> / <sub>2</sub> (57)
		6G75-3NC	62 (284)	74,999	66 (168)	26 (66)
	Tall	G640T40FV	33.3 (151)	40,000	63 <sup>1</sup> / <sub>4</sub> (161)	18 <sup>5</sup> / <sub>8</sub> (47)
G650T40FV		41.6 (189)	40,000	62 (157)	20 <sup>5</sup> / <sub>8</sub> (52)	
9 Year Warranty	Standard	G940S38FV	33.3 (151)	38,000	53 (153)	20 <sup>1</sup> / <sub>2</sub> (52)
		G950S40FV	41.6 (189)	40,000	54 <sup>1</sup> / <sub>2</sub> (138)	22 <sup>1</sup> / <sub>2</sub> (57)
		G940T40FV	33.3 (151)	40,000	63 <sup>1</sup> / <sub>4</sub> (161)	18 <sup>5</sup> / <sub>8</sub> (47)
	Tall	G950T40FV	41.6 (189)	40,000	62 (157)	20 <sup>5</sup> / <sub>8</sub> (52)

## Determine Your Tank Size

Application	Peak Daily Water Use IG / Litres	Tank Size	
		Gas IG / Litres	Electric IG / Litres
Applications where very little hot water is required, e.g., under counters, in garages, gas stations, RVs or hand-washing stations. Our SpaceSaver® line of compact water heaters may be right for you.	—	—	2 / 10 5 / 22 10 / 43
Small Cottage Use	42 / 189	16 / 74	15 / 67 22 / 102
Family Size up to 2 People	125 / 568	33 / 151	38.6 / 175
Family Size up to 4 People	150 / 681	41 / 189	60 / 270
Family Size up to 6 People	167 / 757	50 / 227	60 / 270
Family Size up to 6 People with Large Whirlpool Bath	208 / 946	62 / 284	79 / 360

Note: If teenagers are in your home, it is good practice to move to the next tank size.



Thinking of buying a Water Heater?



## Why Buy a GSW Water Heater?

- Across Canada, GSW brands are recognized for their excellent value, efficiency and reliability. In fact, GSW has more water heaters in Canadian homes than any other manufacturer.
- We've earned the trust and loyalty of Canadians by continuing to design and manufacture safer, more dependable and energy efficient gas, electric, propane, and oil-fired water heaters.
- Our bottom-entry design, available on our electric water heater models, is recognized by Natural Resources Canada for exceptional energy saving performance.
- As well, the GSW gas line of water heaters includes our award winning Flame Guard® and Flame Safe® Safety System, the most established and proven technology on the market for the prevention of flammable vapour ignition.
- What's more, GSW offers service and support through a dedicated technical support line: 1-888-GSW-TECH.



## Electric Water Heaters

GSW electric water heaters are designed and built to provide reliable, high capacity output with low maintenance profiles. Our 12-year electric model features the highest energy efficiency and costs less to operate than 6- and 9-year models. Additional features include:

- Easy to install
- Broad range of models and sizes to suit any application
- Extra-thick foam insulation for lower operating costs and more hot water
- Patented Styropour® base for reduced heat loss
- Pipe insulation and heat traps for added energy efficiency
- Increased energy efficiency with side entry design



## SuperFlue® Gas Water Heaters

- State-of-the-art blower makes SuperFlue® the quietest power vented water heater in the industry
- 33, 42 and 50 imperial gallon models can be vented up to 50 equivalent feet with 2" ULCS636 PVC or CPVC pipe, 80 feet with 3" pipe
- Can be vented through the wall or roof
- SuperFlue® is the ultimate in venting flexibility



## Direct Vent Gas Water Heaters

A proven performer even in extreme cold, the Direct Vent operates quietly with no need for an electric fan or external power supply. The balanced flue design with a side wall vent termination allows installation in locations without a chimney.

The sealed combustion chamber and coaxial vent uses fresh air taken from outside rather than pre-heated air from within the home.

- Easy-to-install flexible co-axial vent
- No external power source required
- Complies with R2000 home requirements
- Automatic Robertshaw® gas control
- Flame Safe® FVIR Safety System



## Flame Guard® Gas Water Heaters

- With more than 4 billion hours of incident free operation, the GSW Flame Guard® Safety System is a proven technology that greatly reduces the risk of accidental fires caused by the ignition of flammable vapours from products such as gasoline, paint thinner and solvents
- 5 years and over 1 million installations in homes



## GSW is proud to provide ENERGY STAR® Qualified water heaters.

Atmospheric vented, power vented and power direct vented models are available.



These models have the same foot print as our existing models making them perfect for replacement.

They also feature our exclusive Turbulator™ dip tube, with its self cleaning action, to prevent sediment from building up in the tank making it last even longer.



With the SpaceSaver®, consumers can easily and cost-effectively supply hot water to their garage, pool house, trailer, even for their outdoor kitchen or wet bar. With an outdoor kitchen for example, attaching a SpaceSaver® water heater allows you to use hot water for your meal preparation and clean-up. All this without drawing hot water from your main water heater tank.

Note: Contact GSW for information on GSW propane and oil-fired models.