

GSW Power Vent gas water heaters have been engineered to provide the highest energy efficiency ratings for a water heater of its kind in the market today. The reliable and trouble-free operation of the GSW Power Vent will provide hot water and peace of mind for years to come.

### SAVE MONEY ON ENERGY COSTS

- 0.67 UEF
- Factory-installed heat traps on the water inlet and outlet reduce the amount of heat lost through piping
- 2" CFC-free foam insulation to improve energy efficiency
- Exceeds NRCan energy efficiency standards

### DESIGNED FOR PERFORMANCE

- Available in natural gas
- Exclusive TankSaver® design to prolong tank life
- Suitable for elevations up to 10,100 ft. (3,078 m.)
- Maximum working pressure: 150 psi

### KEEPING YOU SAFE

- Sensor detects flammable vapours and automatically disables the unit preventing their ignition
- Robust air intake snorkel inhibits flammable vapours from entering the combustion chamber

### EASY TO INSTALL AND MAINTAIN

- Ideal as a replacement water heater in a variety of applications due the 3-position rotatable blower
- Convenient 3/4" side taps for combination applications on 50 USG high-input and 75 USG models
- State-of-the-art electronic gas control features advanced self-diagnostic capability that makes troubleshooting easy
- Conveniently located T&P and drain valve

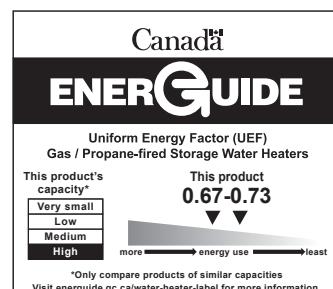
### FLEXIBLE VENTING CONFIGURATIONS

- Can be vented with 2", 3" or 4" ULC S636 PVC, CPVC or polypropylene pipe up to 180 equivalent feet (see installation manual for full details)

### LIMITED TANK AND PARTS WARRANTY

- SIX (6)\* year limited warranty against inner tank leakage from the date of installation and a SIX (6)\* year limited warranty on component parts.

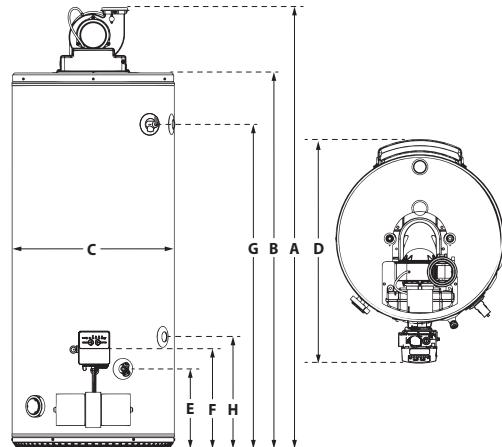
\*When installed by a professional.



## PERFORMANCE

| Model              | Series | Capacity | Input  | Maximum Certified Altitude | Recovery Rate at 90°F Temperature Rise | First Hour Rating | UEF  |
|--------------------|--------|----------|--------|----------------------------|--|-------------------|------|
|                    |        | USG (L)  | BTU/h  | FT (M)                     | GPH (LPH)                              | GPH (LPH)         |      |
| <b>NATURAL GAS</b> |        |          |        |                            |  |                   |      |
| G6-40S40N-PVR-ES2  | 204    | 40 (151) | 40,000 | 10,100 (3,078)             | 44 (167)                               | 73 (276)          | 0.67 |
| G6-50S40N-PVR-ES2  | 204    | 50 (189) | 40,000 | 10,100 (3,078)             | 44 (167)                               | 73 (276)          | 0.72 |
| G650S62N-PVR-ES2*  | 204    | 50 (189) | 62,000 | 10,100 (3,078)             | 69 (261)                               | 110 (416)         | 0.73 |
| G660S42N-PVR-ES2   | 204    | 60 (227) | 42,000 | 10,100 (3,078)             | 46 (174)                               | 106 (401)         | 0.69 |
| G675T72N-PVR-ES2   | 304    | 75 (284) | 72,000 | 10,100 (3,078)             | 80 (303)                               | 155 (587)         | 0.68 |

\* Model has side connections

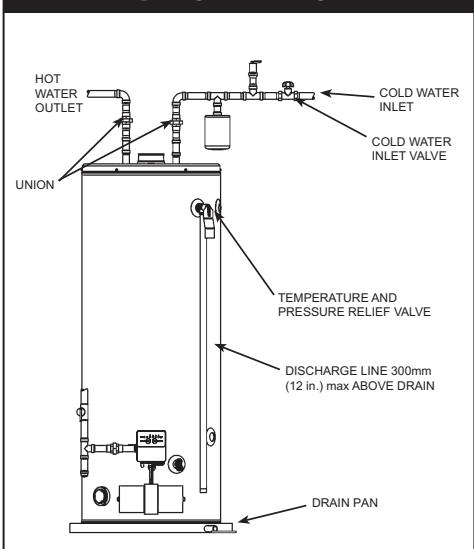


## DIMENSIONS &amp; SHIPPING WEIGHT

| Model             | Installation Height | Height to Top of Tank | Tank Diameter | Overall Depth | Height to Drain Valve | Height to Gas Inlet | Height to T&P | Height to Upper Side Connection | Height to Lower Side Connection | Shipping Weight |
|-------------------|---------------------|-----------------------|---------------|---------------|-----------------------|---------------------|---------------|---------------------------------|---------------------------------|-----------------|
|                   | A IN (CM)           | B IN (CM)             | C IN (CM)     | D IN (CM)     | E IN (CM)             | F IN (CM)           | G IN (CM)     | G IN (CM)                       | H IN (CM)                       | LB (KG)         |
| G6-40S40N-PVR-ES2 | 59 (150)            | 49 5/8 (126)          | 22 (56)       | 29 1/8 (74)   | 11 (28)               | 13 1/4 (34)         | 42 1/2 (108)  | N/A                             | N/A                             | 174 (79)        |
| G6-50S40N-PVR-ES2 | 60 1/8 (153)        | 50 3/4 (129)          | 24 (61)       | 31 1/8 (79)   | 11 (28)               | 13 1/4 (34)         | 43 3/4 (111)  | N/A                             | N/A                             | 198 (90)        |
| G650S62N-PVR-ES2* | 61 1/8 (155)        | 52 (132)              | 24 (61)       | 31 1/8 (79)   | 11 (28)               | 13 1/4 (34)         | 44 1/2 (113)  | 44 1/2 (113)                    | 15 1/4 (39)                     | 212 (96)        |
| G660S42N-PVR-ES2  | 67 1/4 (171)        | 57 7/8 (147)          | 24 (61)       | 31 1/8 (79)   | 11 (28)               | 13 1/4 (34)         | 50 3/8 (128)  | N/A                             | N/A                             | 216 (98)        |
| G675T72N-PVR-ES2  | 70 5/8 (179)        | 61 1/4 (156)          | 26 (66)       | 33 1/8 (84)   | 11 (28)               | 13 1/4 (34)         | 53 (135)      | 53 (135)                        | 15 1/4 (39)                     | 277 (126)       |

\* Model has side connections

## PREFERRED INSTALLATION



## VENT PIPE LENGTHS

| Model             | Vent Pipe Diameter IN | Minimum Number of Elbows Required* | Maximum Vent Length with one 90° Elbow FT (M) | Minimum Vent Length with one 90° Elbow FT (M) |
|-------------------|-----------------------|------------------------------------|---|---|
| G640S40N-PVR-ES2R | 2                     | 0                                  | 50 (15.2)                                     | 7 (2.1)                                       |
| G650S40N-PVR-ES2R | 3                     | 0                                  | 125 (38.1)                                    | 50 (15.2)                                     |
| G660S42N-PVR-ES2R | 4                     | 0                                  | 180 (54.9)                                    | 125 (38.1)                                    |
| G650S62N-PVR-ES2  | 3                     | 0                                  | 50 (15.2)                                     | 7 (2.1)                                       |
|                   | 4                     | 0                                  | 125 (38.1)                                    | 50 (15.2)                                     |

\* Refer to installation manual for further details.

## VENT KITS

| DESCRIPTION  | Part Number |
|--|-------------|
| 3" Vent Kit<br>Includes coupling for blower outlet and termination screens | 100112701   |
| 4" Vent Termination Kit<br>Includes termination screens                    | 100112700   |