



Atmospheric Vent Water Heaters

GSW offers a complete line of residential atmospheric vent natural gas and propane water heaters that feature the Flame Guard® Safety System. These heaters offer a gas valve that provides ease of diagnostics combined with a robust thermopile design providing you with peace of mind for the harshest environmental conditions.

DESIGNED FOR PERFORMANCE

- Turbulator dip tube reduces sediment build-up at the bottom of the tank
- Thermopile system provides robust pilot to withstand down drafts and environmental conditions
- LED indicator:
 - Gives visual confirmation that pilot is on by flashing continuously
 - Provides diagnostics and troubleshooting
- Easy temperature adjustments
- Robust 1/4" pilot tubing
- Factory-installed plastic-lined heat trap nipples
- Glass-lined tank provides superior protection against corrosion
- Maximum working pressure: 150 psi
- 3/4" side taps available on 75 gallon model for combination applications

KEEPING YOU SAFE

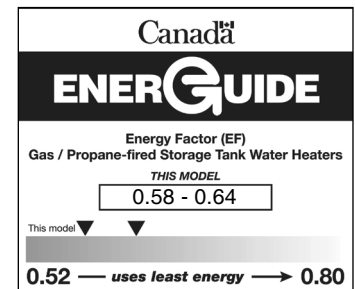
- The Flame Guard Safety System protects the homeowner by trapping burning vapours within the water heater's combustion chamber through the exclusive "Flame Trap"

EASY TO INSTALL AND MAINTAIN

- Combustion chamber is easy to access
- Piezoelectric ignitor allows for lighting of the pilot without matches
- Conveniently located T&P and drain valve
- Top mounted heavy duty anode rod for added tank protection

LIMITED TANK AND PARTS WARRANTY

- Consult written warranty on the back of this sheet, with documentation included with water heater or contact GSW for complete warranty information





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PERFORMANCE

Tank Warranty	Model	Series	Capacity	Input †	Maximum Certified Altitude	Recovery Rate at 90°F Temperature Rise	First Hour Rating	Energy Factor	BC/ON Compliant
			USG (L)	BTU/h	FT (M)	GPH (LPH)	GPH (LPH)		
NATURAL GAS									
6	G630S35N-AV	400	30 (114)	35,500	10,100 (3,078)	36 (136)	60 (227)	0.64	√
6	G640S40N-AV	400	40 (151)	40,000	10,100 (3,078)	41 (155)	67 (254)	0.62	√
6	G640T40N-AV	400	40 (151)	40,000	10,100 (3,078)	42 (159)	70 (265)	0.62	√
6	G650S40N-AV1	350	50 (189)	40,000	10,100 (3,078)	41 (155)	93 (352)	0.58	-
6	G650T40N-AV	400	50 (189)	40,000	10,100 (3,078)	42 (159)	88 (333)	0.61	√
6	G660T52N-AV	400	60 (227)	52,200	10,100 (3,078)	54 (204)	104 (394)	0.59	√
6	G675T75N-AV*	300	75 (284)	75,100	7,700 (2,347)	80 (303)	N/A	N/A	√
9	G940S40N-AV	400	40 (151)	40,000	10,100 (3,078)	41 (155)	67 (254)	0.62	√
9	G950S40N-AV1	350	50 (189)	40,000	10,100 (3,078)	41 (155)	93 (352)	0.58	-
9	G950T40N-AV	400	50 (189)	40,000	10,100 (3,078)	41 (155)	88 (333)	0.61	√

Propane models sub N with P. Natural gas models are series 300/350/400. Propane models are series 301/351/401.

† Propane Gas – 37,000 BTU for 50 gallon tall models; 36,000 BTU for 40 gallon short and tall models and 50 gallon short models; 32,000 BTU input for 30 gallon models.

Water Connections – 3/4" on all models.

9 year models feature brass drain valve and include a drip tube.

* Side connections available. Add "L" to model number e.g. G675T75N-AVL

**In residential applications. Reduced warranty in commercial applications. One year limited parts warranty on all heaters.

DIMENSIONS & SHIPPING WEIGHT

Model	Installation Height	Height to Top of Tank	Tank Diameter	Height to Gas Inlet	Hot Connection to Cold Connection	Height to T&P	Drafthood Connector Diameter	Shipping Weight
	A IN (CM)	B IN (CM)	C IN (CM)	D IN (CM)	E IN (CM)	F IN (CM)	IN	LB (KG)
G630S35N-AV	50 (127)	46 3/8 (118)	20 (51)	13 1/2 (34)	8 (20)	40 (102)	3 or 4	118 (53)
G640S40N-AV	51 1/2 (131)	47 3/4 (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	135 (61)
G640T40N-AV	61 3/4 (157)	58 1/4 (148)	20 (51)	13 (33)	8 (20)	51 3/4 (131)	3 or 4	150 (68)
G650S40N-AV1	53 1/4 (135)	48 3/4 (124)	22 (56)	13 (33)	8 (20)	42 1/2 (108)	3 or 4	175 (79)
G650T40N-AV	61 (155)	57 1/4 (145)	22 (56)	13 (33)	8 (20)	50 1/4 (128)	3 or 4	165 (75)
G660T52N-AV	62 3/4 (159)	59 (150)	24 (61)	13 (33)	8 (20)	51 1/2 (131)	4	205 (93)
G675T75N-AV	61 (155)	57 1/4 (145)	26 1/2 (67)	14 3/4 (38)	8 (20)	50 1/4 (128)	4	273 (124)
G940S40N-AV	51 1/2 (131)	47 3/4 (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	135 (61)
G950S40N-AV1	53 1/4 (135)	49 1/2 (126)	22 (56)	13 (33)	8 (20)	42 1/2 (108)	3 or 4	175 (79)
G950T40N-AV	61 (155)	57 1/4 (145)	22 (56)	13 (33)	8 (20)	50 1/4 (128)	3 or 4	165 (75)

PREFERRED INSTALLATION

