



Atmospheric Vent Water Heaters

GWS offers a complete line of residential atmospheric vent natural gas and propane water heaters that feature the Flame Guard® Safety System. These heaters offer an upgraded gas valve that provides ease of diagnostics combined with a robust thermopile design providing the customer 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
- Glass lined tank provides superior protection against corrosion

KEEPING YOU SAFE

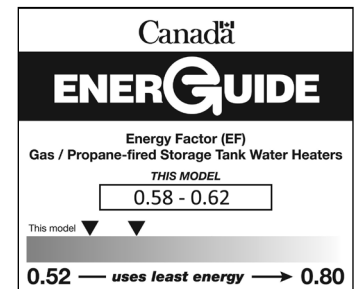
- The Flame Guard Safety System protects the homeowner by trapping burning vapours within the water heater's combustion chamber through the exclusive "Flame Trap"

EASY TO INSTALL AND REPAIR

- Combustion chamber is easy to access
- Conveniently located T&P and drain valve
- Piezoelectric ignitor allows for lighting of the pilot without matches
- 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 GWS for complete warranty information.





Atmospheric Vent Water Heaters

PERFORMANCE

Tank Warranty**	Model	Capacity	Input †	Maximum Certified Altitude	Recovery Rate at 90°F Temperature Rise	First Hour Rating	Energy Factor	BC Compliant
		USG (L)	BTU/h	FT (M)	GPH (LPH)	USG (L)		
NATURAL GAS								
6	G630S35N-AV1	30 (114)	35,500	10,100 (3,078)	36 (136)	60 (227)	0.61	-
6	G640S40N-AV	40 (151)	40,000	10,100 (3,078)	41 (155)	67 (254)	0.62	✓
6	G640T40N-AV	40 (151)	40,000	10,100 (3,078)	41 (155)	70 (265)	0.62	✓
6	G650S40N-AV1	50 (189)	40,000	10,100 (3,078)	41 (155)	93 (352)	0.58	-
6	G650T40N-AV	50 (189)	40,000	10,100 (3,078)	41 (155)	88 (333)	0.62	✓
6	G660T52N-AV	60 (227)	52,200	10,100 (3,078)	53 (201)	104 (344)	0.58	✓
6	G675T75N-AV	75 (284)	75,100	10,100 (3,078)	81 (307)	N/A	N/A	✓
9	G940S40N-AV	40 (151)	40,000	10,100 (3,078)	41 (155)	67 (254)	0.62	✓
9	G950S40N-AV1	50 (189)	40,000	10,100 (3,078)	41 (155)	93 (352)	0.58	-
9	G950T40N-AV	50 (189)	40,000	10,100 (3,078)	41 (155)	88 (333)	0.62	✓

Propane Models Sub N with P.

† 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.

Heat Trap Nipples factory-installed on all models.

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

**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	Draft Hood Connector Diameter	Shipping Weight
	A IN (CM)	B IN (CM)	C IN (CM)	D IN (CM)	E IN (CM)	F IN (CM)	IN	LBS (KG)
G630S35N-AV1	50 (127)	46 3/8 (118)	18 (46)	13 1/2 (34)	8 (20)	40 (102)	3 or 4	112 (51)
G640S40N-AV	51 1/2 (131)	47 3/4 (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	139 (63)
G640T40N-AV	61 3/4 (157)	58 1/4 (148)	20 (51)	13 (33)	8 (20)	51 3/4 (131)	3 or 4	146 (66)
G650S40N-AV1	53 1/4 (135)	49 1/2 (126)	22 (56)	13 (33)	8 (20)	42 1/2 (108)	3 or 4	163 (74)
G650T40N-AV	61 (155)	57 1/4 (145)	22 (56)	13 (33)	8 (20)	50 1/4 (128)	4	159 (72)
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 (144)	26 1/2 (67)	14 3/4 (38)	8 (20)	50 1/4 (136)	4	273 (124)
G940S40N-AV	51 1/2 (131)	47 3/4 (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	139 (63)
G950S40N-AV1	53 1/4 (135)	49 1/2 (126)	22 (56)	13 (33)	8 (20)	42 1/2 (108)	3 or 4	163 (74)
G950T40N-AV	61 (155)	57 1/4 (145)	22 (56)	13 (33)	8 (20)	50 1/4 (128)	4	159 (72)

PREFERRED INSTALLATION

