

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

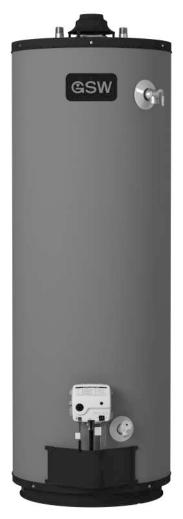
• The Flame Guard Safety System protects the homeowner by trapping burning vapours within the water heater's combustion chamber through the exclusive "Flame Trap"

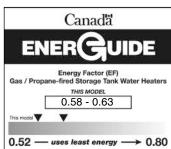
EASY TO INSTALL AND MAINTAIN

- 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











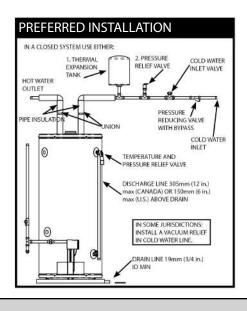
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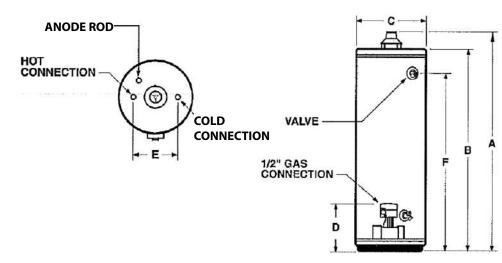
PERFOR	MANCE										
Tank Warranty	Model Series		Capacity	Input †	Maximum Certified Altitude	Recovery Rate at 90°F Temperature Rise	First Hour Rating	Energy Factor	BC/ON Compliant		
Years**			USG (L)	BTU/h	FT (M)	GPH (LPH)	GPH (LPH)				
NATURAL GAS											
6	G630S35N-AV1	350	30 (114)	35,500	10,100 (3,078)	36 (136)	60 (227)	0.63	-		
6	G640S40N-AV	400	40 (151)	40,000	10,100 (3,078)	41 (155)	67 (254)	0.62	V		
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	1		

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

^{**}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-AV1	50 (127)	46 ³ / ₈ (118)	18 (46)	13 ½ (34)	8 (20)	40 (102)	3 or 4	112 (51)			
G640S40N-AV	51 ½ (131)	47 ¾ (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	135 (61)			
G640T40N-AV	61 ¾ (157)	58 ¼ (148)	20 (51)	13 (33)	8 (20)	51 ¾ (131)	3 or 4	150 (68)			
G650S40N-AV1	53 ¼ (135)	48 ¾ (124)	22 (56)	13 (33)	8 (20)	42 ½ (108)	3 or 4	175 (79)			
G650T40N-AV	61 (155)	57 ¼ (145)	22 (56)	13 (33)	8 (20)	50 ¼ (128)	3 or 4	165 (75)			
G660T52N-AV	62 ¾ (159)	59 (150)	24 (61)	13 (33)	8 (20)	51 ½ (131)	4	205 (93)			
G675T75N-AV	61 (155)	57 ¼ (145)	26 ½ (67)	14 ¾ (38)	8 (20)	50 ¼ (128)	4	273 (124)			
G940S40N-AV	51 ½ (131)	47 ¾ (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	135 (61)			
G950S40N-AV1	53 ¼ (135)	49 ½ (126)	22 (56)	13 (33)	8 (20)	42 ½ (108)	3 or 4	175 (79)			
G950T40N-AV	61 (155)	57 ¼ (145)	22 (56)	13 (33)	8 (20)	50 ¼ (128)	3 or 4	165 (75)			





[†] 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