

John Wood® 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 piece of mind for the harshest environmental conditions.

## Features

### *Designed for Performance*

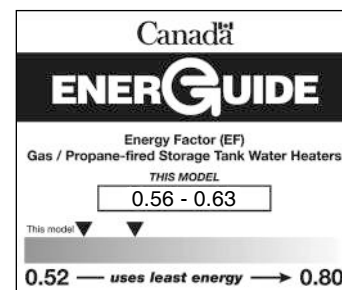
- Turbulator dip tube reduces sediment build-up at the bottom of the tank
- Thermopile design provides robust pilot to withstand down drafts and environmental conditions
- LED indicator:
  - gives visual confirmation that pilot is on by flashing continuously
  - provides diagnostics and troubleshooting
- Easy temperature adjustments
- Robust 1/4" pilot tubing
- Glass lined tank provides superior protection against corrosion
- 3/4" side taps available on 75 gallon model for combination applications

### *Safety Features*

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

### *Serviceability*

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



## WARRANTY

8 Year Limited Tank Warranty

6 Year Limited Parts Warranty

Consult installation manual for terms and conditions or visit [www.johnwoodwaterheaters.com](http://www.johnwoodwaterheaters.com) for more information.



### PERFORMANCE

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)		
<b>NATURAL GAS</b>								
JW830S35N-AV1	350/351	30 (114)	35,500	10,100 (3,078)	36 (136)	60 (227)	0.63	-
JW840S40N-AV1	350/351	40 (151)	40,000	10,100 (3,078)	41 (155)	66 (250)	0.59	-
JW840S40N-AV	400/401	40 (151)	40,000	10,100 (3,078)	41 (155)	67 (254)	0.62	√
JW840T40N-AV	400/401	40 (151)	40,000	10,100 (3,078)	42 (159)	70 (265)	0.62	√
JW850S40N-AV1	350/351	50 (189)	40,000	10,100 (3,078)	41 (155)	93 (352)	0.58	-
JW850S40N-AV	400/401	50 (189)	40,000	10,100 (3,078)	43 (163)	93 (352)	0.61	√
JW850T40N-AV	400/401	50 (189)	40,000	10,100 (3,078)	42 (159)	88 (333)	0.62	√
JW860T52N-AV1	400/401	60 (227)	52,200	10,100 (3,078)	54 (204)	104 (394)	0.56	-
JW860T52N-AV	400/401	60 (227)	52,200	10,100 (3,078)	54 (204)	104 (394)	0.59	√
JW875T75N-AV*	300/301	75 (284)	75,100	7,700 (2,347)	80 (303)	N/A	N/A	√

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

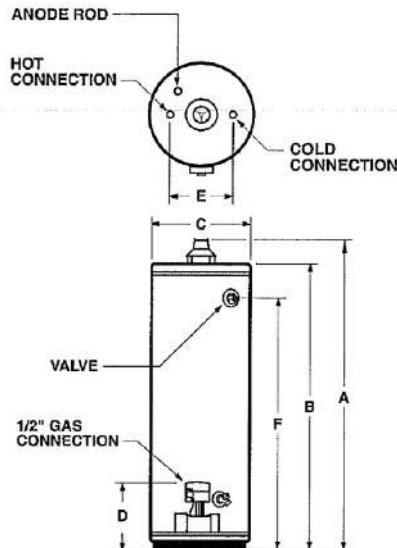
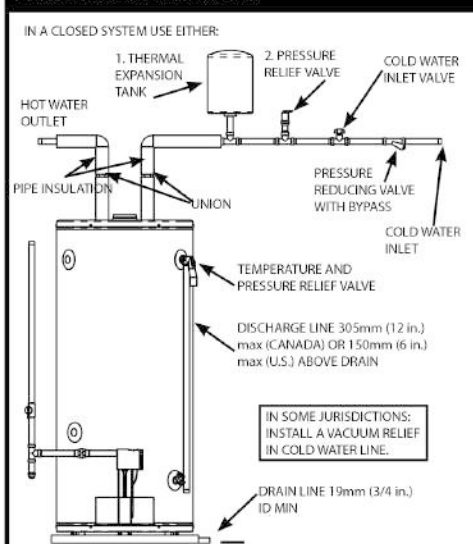
\* Side connections available. Add "L" to model number e.g. JW875T75N-AVL

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

### DIMENSIONS & SHIPPING WEIGHT

Model	Installation Height	Height to Top of Tank	Tank Diameter	Height to Gas Inlet	Cold Connection to Hot 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)
JW830S35N-AV1	50 (127)	46 3/8 (118)	18 (46)	13 1/2 (34)	8 (20)	40 (102)	3 or 4	112 (51)
JW840S40N-AV1	51 1/2 (131)	47 3/4 (121)	20 (51)	13 (33)	8 (20)	41 (104)	3 or 4	126 (57)
JW840S40N-AV	51 1/2 (131)	47 3/4 (121)	22 (56)	13 (33)	8 (20)	41 (104)	3 or 4	135 (61)
JW840T40N-AV	61 3/4 (157)	58 1/4 (148)	20 (51)	13 (33)	8 (20)	51 3/4 (131)	3 or 4	150 (68)
JW850S40N-AV1	53 1/4 (135)	49 1/2 (126)	22 (56)	13 (33)	8 (20)	42 1/2 (108)	3 or 4	163 (74)
JW850S40N-AV	53 1/4 (135)	49 1/2 (126)	24 (61)	13 (33)	8 (20)	42 1/2 (108)	3 or 4	175 (79)
JW850T40N-AV	61 (155)	57 1/4 (145)	22 (56)	13 (33)	8 (20)	50 1/4 (128)	4	165 (75)
JW860T52N-AV1	62 3/4 (159)	59 (150)	22 (56)	13 (33)	8 (20)	51 1/2 (131)	4	192 (87)
JW860T52N-AV	62 3/4 (159)	59 (150)	24 (61)	13 (33)	8 (20)	51 1/2 (131)	4	205 (93)
JW875T75N-AV*	61 (155)	57 (145)	26 1/2 (67)	14 3/4 (37)	8 (20)	50 1/4 (128)	4	273 (124)

### PREFERRED INSTALLATION



For Technical Information/Warranty:  
 Call 1-888-479-8324 or email techsupport@johnwoodwaterheaters.com  
[www.johnwoodwaterheaters.com](http://www.johnwoodwaterheaters.com)