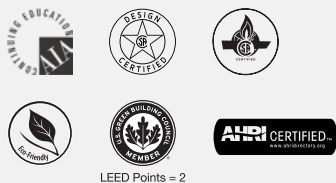




**Indoor Direct Vent**

**Outdoor**

**ESG-70**  
**ESG-84**  
**ESG-95**



*Sharing the Warmth™*

**Ultra low NOx, mid-efficiency tankless gas water heaters designed for endless hot water**

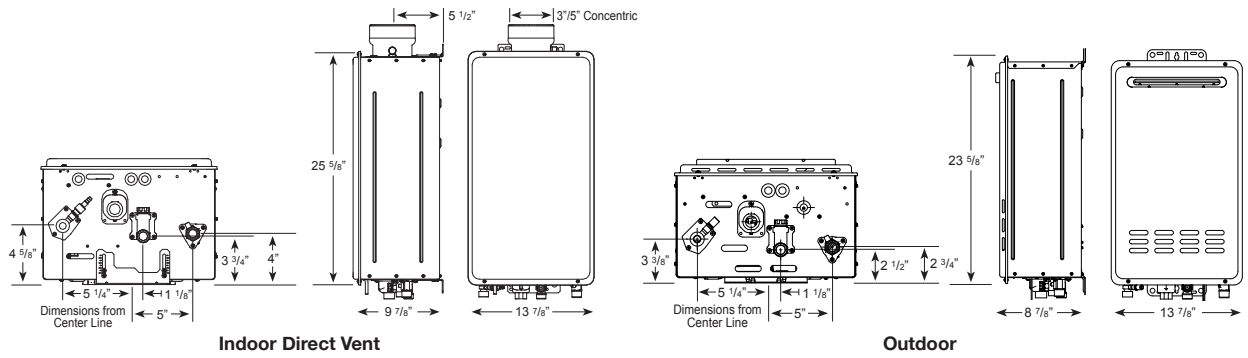
When a gas tankless water heater is needed, EcoSmart's mid-efficiency indoor and outdoor ESG Series provide endless hot water. Homeowners save up to 1,100 gallons of water annually\* by decreasing the flow of water through the pipes until the temperature reaches the heater's set temperature. Industry-leading low flow activation ensures the homeowner will have hot water even in low demand situations. Special features include: Maintenance Notice Setting to alert the homeowner when a service is needed, digital temperature display, Recirculation Pump kit- Ready, 1/2" gas line compatibility† and self-diagnostic system for easy installation. This series of EcoSmart Mid Efficiency tankless gas heaters save space, save water, saves energy and provides endless hot water on demand.

\* Savings based on DOE test procedures.

† Up to 24 feet based on Rheem testing of 1/2" gas line with gas supply of 7" w.c. upto 24'; Installation conditions vary; Consult the Rheem® Use and Care Manual, the Rheem® Gas Piping Facts brochure (TK-GPF-12), the National Fuel Gas Code (NFPA 54, ANSI Z223.1), and any other local gas codes when installing a Rheem Tankless Water Heater

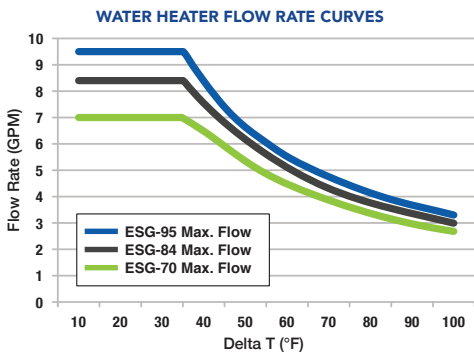


**ESG-70  
ESG-84  
ESG-95**



**SPECIFICATIONS**

MODEL	DESCRIPTION			FEATURES			ROUGHING IN DIMENSIONS					ENERGY INFO					
	GAS INPUT BTU/H	NUMBER OF BATHROOMS*	TYPE	MIN. TEMP	MAX. TEMP	MIN. FLOW/ACTIVATION GPM	67° RISE MAX.	45° RISE MAX.	MAX. GPM	CONNECTION WATER	CONNECTION GAS	HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP WEIGHT	UNIFORM ENERGY FACTOR (UEF)
<b>EcoSmart ESG-95 Mid-Efficiency Series</b>																	
<b>ESG-95-DVLN-1</b>	11,000-199,900	3 - 4	Indoor Direct Vent	85°F	140°F	0.26/0.40	5.0 GPM	7.4 GPM	9.5	3/4"	3/4"	25-5/8"	13-7/8"	9-7/8"	3" by 5" Concentric	54 lb	.82
<b>ESG-95-XLN-1</b>	11,000-199,900	3 - 4	Outdoor	85°F	140°F	0.26/0.40	5.0 GPM	7.4 GPM	9.5	3/4"	3/4"	23-5/8"	13-7/8"	8-7/8"	N/A	54 lb	.81
<b>EcoSmart ESG-84 Mid-Efficiency Series</b>																	
<b>ESG-84-DVLN-1</b>	11,000-180,000	3	Indoor Direct Vent	85°F	140°F	0.26/0.40	4.5 GPM	6.7 GPM	8.4	3/4"	3/4"	25-5/8"	13-7/8"	9-7/8"	3" by 5" Concentric	54 lb	.82
<b>ESG-84-XLN-1</b>	11,000-180,000	3	Outdoor	85°F	140°F	0.26/0.40	4.5 GPM	6.7 GPM	8.4	3/4"	3/4"	23-5/8"	13-7/8"	8-7/8"	N/A	54 lb	.81
<b>EcoSmart ESG-70 Mid-Efficiency Series</b>																	
<b>ESG-70-DVLN-1</b>	11,000-160,000	2 - 3	Indoor Direct Vent	85°F	140°F	0.26/0.40	4.1 GPM	6.0 GPM	7.0	3/4"	3/4"	25-5/8"	13-7/8"	9-7/8"	3" by 5" Concentric	54 lb	.82
<b>ESG-70-XLN-1</b>	11,000-160,000	2 - 3	Outdoor	85°F	140°F	0.26/0.40	4.1 GPM	6.0 GPM	7.0	3/4"	3/4"	23-5/8"	13-7/8"	8-7/8"	N/A	54 lb	.81



**MAXIMUM VENT LENGTH (INTAKE/OUTLET):**

Number of 90° Elbows	Maximum Length of Straight Pipe
1	39.0 ft. (12.0 m)
2	37.5 ft. (11.5 m)
3	36.0 ft. (11.0 m)
4	34.5 ft. (10.5 m)
5	33.0 ft. (10.0 m)
6	31.5 ft. (9.5 m)

(Manufacturer approved venting required)

\* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.

Uniform Energy Factor based on Department of Energy (D.O.E.) requirements. All models are available in Natural Gas and Propane (LP). For propane replace the N with P when ordering.

SCAQMD 1146.2 compliant.

Factory set max temperature is 120° F. See Use and Care Manual for setting. Consult factory for information on sizing the application.

Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 BTU/h for ESG-95 models, up to 180,000 BTU/h for ESG-84 models and up to 160,000 BTU/h for ESG-70 models. (Consult your gas supplier)

**TEMPERATURE RISE**

The chart to the right reflects flow rate for different gas tankless models at various temperature rises (in °F) shown in gallons per minute. Estimates are for sizing purposes only.

Model	35°	45°	50°	60°	67°	70°	80°	90°	100°
<b>ESG-95 Series</b>	9.5	7.4	6.6	5.5	5.0	4.7	4.1	3.7	3.3
<b>ESG-84 Series</b>	8.4	6.7	6.1	5.1	4.5	4.3	3.8	3.4	3.0
<b>ESG-70 Series</b>	7.0	6.0	5.4	4.5	4.1	3.9	3.4	3.0	2.7

Information and product specifications contained in this document are subject to change without notice.



**ecosmart**  
TANKLESS WATER HEATERS

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EcoSmart, 400 Captain Neville Dr, Waterbury, CT 06705 USA

877-474-6473 | support@ecosmartus.com