TAKAGI

Condensing High Efficiency Gas Tankless Water Heaters

• EFFICIENCY • DURABILITY • EASE-OF-INSTALLATION

NEW!

INDOOR MODELS
T-H3J-DV, T-H3S-DV, T-H3-DV

OUTDOOR MODELS
T-H3J-OS, T-H3S-OS, T-H3-OS

0.95
Energy Factor

PVC
Venting

0”
Clearance Venting

COMPARISON

ENERGY STAR

	FEATURES	NAVIEN	RINNAI	NORITZ	TAKAGI
Efficiency	Energy Factor	0.95	0.95	0.92	**0.95**
Durability	HRS35 Copper Primary Heat Exchanger	NO (Stainless Steel)	NO (C1220 copper)	NO	**YES!** HRS35 is provides more durability than standard copper yet allows for higher heat transfer than stainless steel
	316L Stainless Steel Secondary Heat Exchanger	NO	NO	NO	**YES!** 316L SS is a corrosion resistant material that protects the water heater from acidic condensation
	Same Models Residential and Commercial	NO (Different Models: NR/NP)	Yes (But different remotes are needed)	NO (Different Models: NRC/NCC)	**YES!** Our units are durable, and can be used in Multiple applications (manufacture approved and still under warranty in Residential, Commercial, Heating)
	Robust exhaust temperature monitoring safety system	NO (High-limit Switch only)	NO (High-limit Switch only)	NO (High-limit Switch only)	**YES!** Contains both a high-limit switch and a thermistor, fully ensuring that our water heaters are safe for PVC venting
Ease-of-Installation	Weight of Water Heater	86 lbs	71 lbs	66 lbs	**59 lbs** Lighter and easier for one person to install
	Metal Vent Collar (Condensing Models)	NO (Plastic)	Yes (But CANNOT use PVC venting)	NO	**YES!** With gaskets inside our metal vent collars, glue is no longer needed to attach PVC venting, making installations simple and easy
	Venting/ Flexibility/ Options	• PVC 3" up to 100' (cannot use Sch. 40 PVC on recirculation over 150 degrees F)	• Proprietary Venting (NOT PVC. Have to use Rinnai's venting, which can be costly)	• Sch. 40 PVC 3" up to 16' (NR111) • Sch. 40 PVC 3" up to 62' (De-rates unit up to 10%, NR98)	• Sch. 40 PVC 3" up to 70' • Sch. 40 PVC 4" up to 100' • PVC venting can be used with all set temperatures and all applications. Stainless steel venting can also be used as an option (vent length guidelines are the same as with PVC)
	Built-in controller on front panel for temperature and diagnostics settings. (Indoor model only)	NO	Yes	NO	**YES!** Plus temperature adjustments and 31 diagnostics readings, including: water flow rate, water temperatures throughout the heater, calculated energy usage, exhaust temperature readings, etc.

FEATURES

ENERGY STAR® Qualified

Primary Heat Exchanger is constructed of HRS35 Commercial-Grade Copper which is more resilient against erosion

Secondary heat exchanger is made of Type 316L Stainless Steel

Complies with Lead Free Standards

Indoor Model includes a built-in temperature controller and advanced diagnostics to simplify troubleshooting

Outdoor Model includes a wall mount temperature remote controller and advanced diagnostics to simplify troubleshooting

TAKAGI

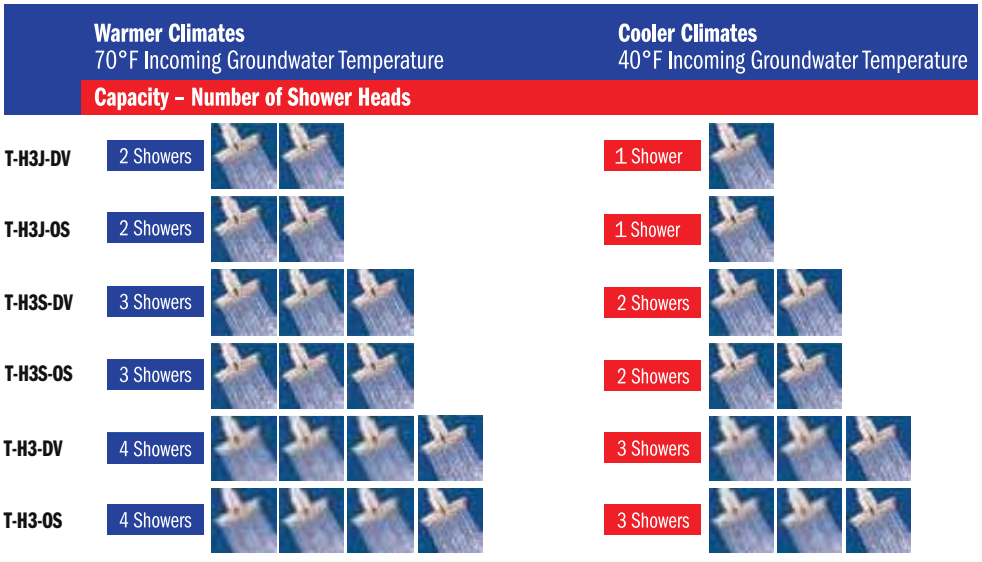
NEW PRODUCT SPOTLIGHT

Condensing High Efficiency Gas Tankless Water Heaters

SPECIFICATIONS

MODEL NUMBER	FUEL TYPE	GAS CONSUMPTION INPUT		INLET GAS PRESSURE		ENERGY FACTOR (EF)	MAX GPM*	HOT/COLD GAS CONN.	DIMENSIONS IN INCHES			UNIT WEIGHT (LBS)
		MIN. BTU/H	MAX. BTU/H	MIN. W.C.	MAX. W.C.				HEIGHT	WIDTH	DEPTH	
INDOOR												
T-H3J-DV-N	Natural	15,000	160,000	5.0	10.5	0.95	6.6	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3J-DV-P	Propane	13,000	160,000	8.0	14.0	0.95	6.6	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3S-DV-N	Natural	15,000	180,000	5.0	10.5	0.95	8.0	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3S-DV-P	Propane	13,000	180,000	8.0	14.0	0.95	8.0	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3-DV-N	Natural	15,000	199,000	5.0	10.5	0.95	10.0	3/4" NPT	22-1/2	17-3/4	10-3/4	59
T-H3-DV-P	Propane	13,000	199,000	8.0	14.0	0.95	10.0	3/4" NPT	22-1/2	17-3/4	10-3/4	59
OUTDOOR												
T-H3J-OS-N	Natural	15,000	160,000	5.0	10.5	0.95	6.6	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3J-OS-P	Propane	13,000	160,000	8.0	14.0	0.95	6.6	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3S-OS-N	Natural	15,000	180,000	5.0	10.5	0.95	8.0	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3S-OS-P	Propane	13,000	180,000	8.0	14.0	0.95	8.0	3/4" NPT	22-1/2	17-3/4	10-3/4	58
T-H3-OS-N	Natural	15,000	199,000	5.0	10.5	0.95	10.0	3/4" NPT	22-1/2	17-3/4	10-3/4	59
T-H3-OS-P	Propane	13,000	199,000	8.0	14.0	0.95	10.0	3/4" NPT	22-1/2	17-3/4	10-3/4	59

All dimensions are in inches.
15-150 psi Water Pressure. 40 psi or above is recommended for maximum flow.
*Current numbers based on factory testing; 0.4 GPM required for continuous fire after initial ignition.
Indoor models are certified from sea level to 10,100 ft. elevations.
In accordance with ANSI Z21.10.3, CO emission does not exceed 400 PPM for normal input.
The manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligation.



ANSI Z21.10.3 CSA 4.3

(T-H3 models)

FEATURES

T-H3J/T-H3S MODELS

.95 EF

Primary Heat Exchanger is constructed of HRS35 Commercial-Grade Copper which is more resilient against erosion

Secondary Heat Exchanger is made of Type 316L Stainless Steel

3" venting up to 70 ft

4" venting up to 100 ft

Indoor model includes a built-in temperature controller and advanced diagnostics

Outdoor model includes a wall mount temperature remote controller and advanced diagnostics which can be installed up to 400 ft from unit

100-140 degrees (5 degree intervals settings)

T-H3 MODELS

.95 EF

Primary Heat Exchanger is constructed of HRS35 Commercial-Grade Copper which is more resilient against erosion

Secondary Heat Exchanger is made of Type 316L Stainless Steel

3" venting up to 70 ft

4" venting up to 100 ft

Indoor model includes a built-in temperature controller and advanced diagnostics

Outdoor model includes a wall mount temperature remote controller and advanced diagnostics which can be installed up to 400 ft from unit

100-185 degrees (17 settings in 5 degree intervals)

Easy Link up to 4 units (with no additional parts or accessories needed)

Multi-Link up to 20 units