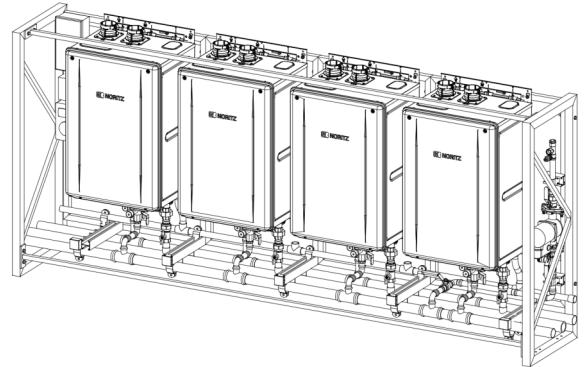


Total Tankless Solution (TTS) Specification Sheet

TTS-SWH4

**Standard Wall Hung Commercial Tankless
Water Heater System****UNMATCHED TECHNOLOGY**

FRG's TTS-SWH4 Series provides the most complete commercial water heater solution in the market. This tankless water heating system provides up to 799,600BTU/hr. in a wall mounted platform for maximizing unutilized space, with built in redundancy and equalization of heating performance. With included brackets for easy installation lift, set, and forget this compact powerful all in one solution.

**KEY FEATURES****OPC (One Point of Connection)**

- Water, Recirculation Return Line, Power, Gas, Venting & Condensation Drain

Manifold systems

- Hot Water Outlet, Cold Water Inlet, Gas, Condensate Drain

Building recirculation**Reduction in labor hours****Worry-free installation****Designed to fit through 3'-0" x 7'-0" Door****Pre-engineered system****Pre-configured control wiring****Pre-installed system controllers****Warranty**

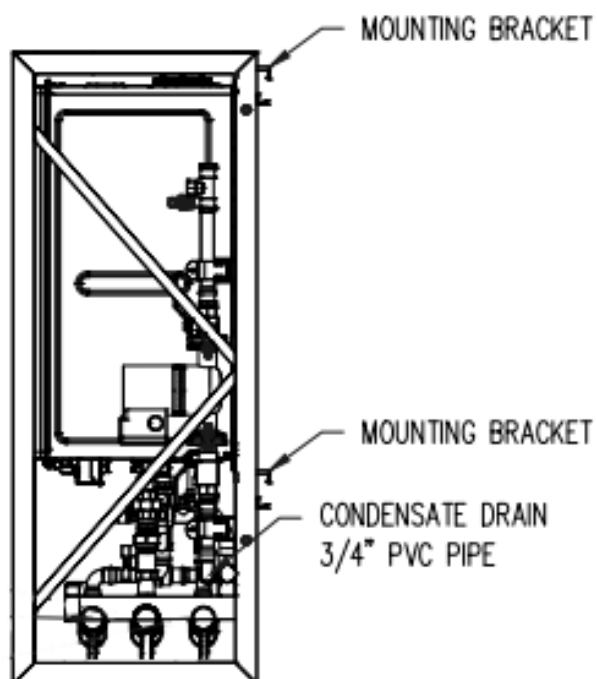
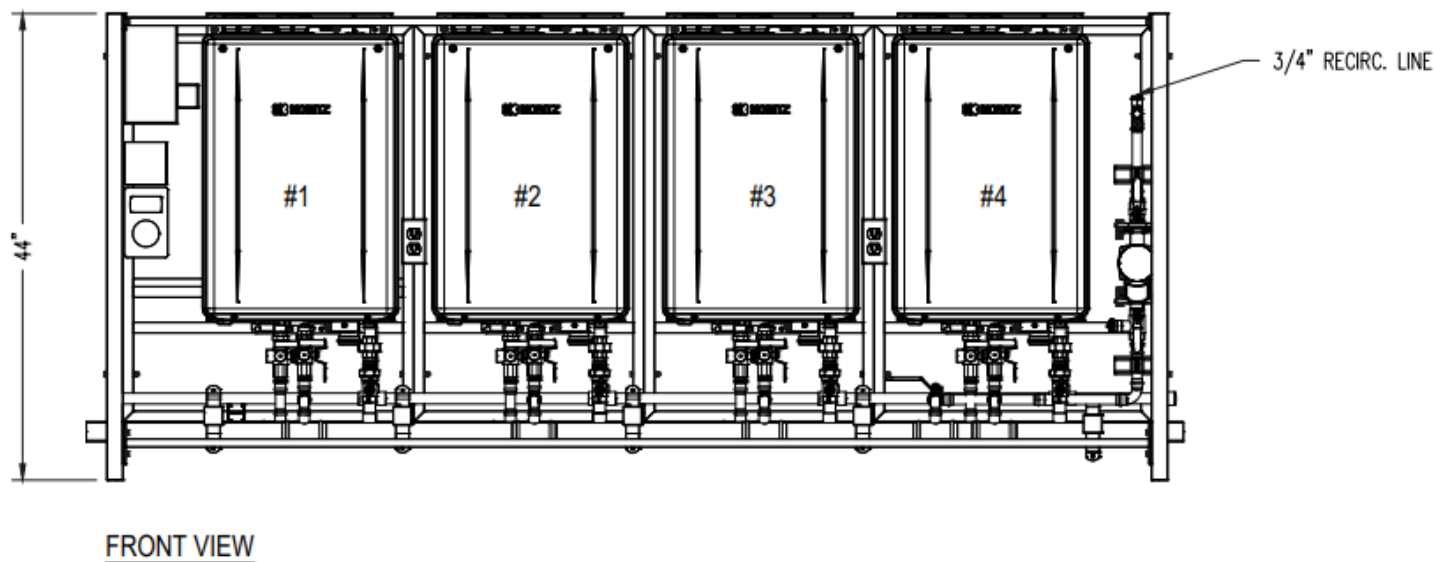
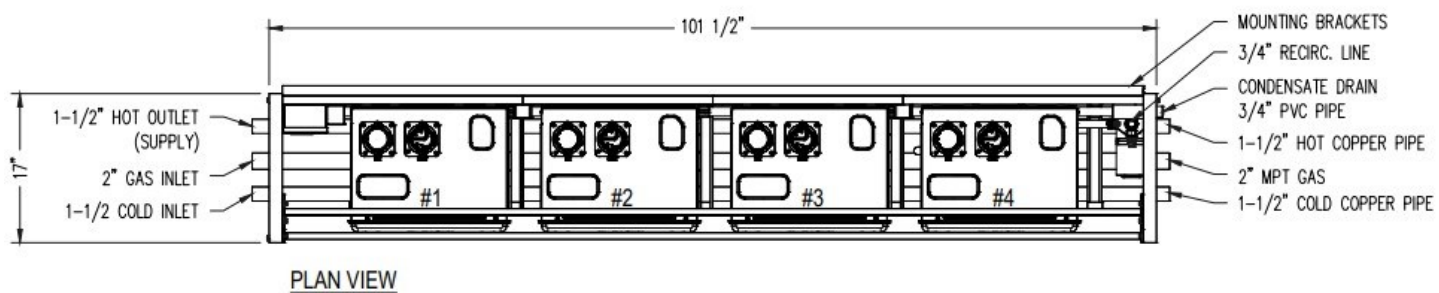
- 10 Years Heat Exchanger per Tankless Unit
- 5 Years Water Heater Parts & Components
- 3 Year Circulation Pump
- 1 Year Labor

Additional accessories:

- Condensate Neutralizer (Qty 1)
- Expansion Tank (Non-ASME)
- 4.5 Gallon

TTS-S SERIES SPECIFICATIONS (SYSTEM DIMENSIONS)

Model: TTS-SWH4



TTS-S SERIES SPECIFICATIONS (PARAMETERS)

Model Name		TTS-SWH4
Min. Input (BTU/HR)		12,800
Max. Output (BTU/HR)		799,600
Turn Down Ratio		64:1
System Dimensions L X D X H (IN)		101.5 X 17 X 44 (43 CU. FT.)
System Weight (LBS)		440
Shipping Dimensions L X D X H (IN)		108 X 26 X 52 (85 CU. FT.)
Shipping Weight (LBS)		750
GPH @100°F Rise		936
Operating Pressure		15 - 150 psi
Gas Supply Pressure		NG: 3.5" - 10.5" LP: 8.0" - 14.0"
Water Holding Capacity		0.80 Gallon (3.2L) per Heater
Connection Size	Water Inlet	1-1/2" LC-ODT/PP
	Hot Water Outlet	1-1/2" LC-ODT/PP
	Hot Water Recirculation Return	3/4" LC-ODT/PP
	Gas Inlet	2" Sch40-BI-NPT
	Condensate Drain	3/4" Sch 40 PVC-ODT
Power Consumption	Supply Total Rack	208/240 VAC 1-PH 30-AMPS
	Sub - Heater	120VAC (60Hz), less than 4 amperes
	Sub - Recirculation Pump	120VAC (60Hz), 5 to 45W
Temperature Setting	°F Mode	100-150°F (In 5°F intervals), 160°F, 170°F, 185°F (14 Options)
	°C Mode	37-48°C (In 1°C intervals), 50-85°C (In 5°C intervals) (20 Options)
Materials	Heater Front Cover	Hot-dipped zinc-aluminum-magnesium-alloy-coated steel w/ Polyester Coating
	Heater Casing	Zincified Steel Plate / Polyester Coating
	System Rack	Aluminum
Pump Performance	Sub - Recirculation Pump	3.5-GPM @ 15' of head (see Pump Curve below)

