

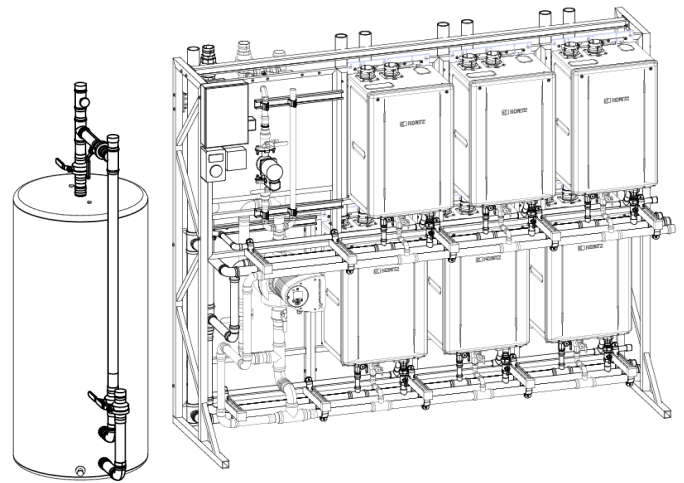
### Total Tankless Solution (TTS) Specification Sheet

# TTS-TWST6

## Tankless With Storage Tank Commercial Tankless Water Heater System

### UNMATCHED TECHNOLOGY

FRG's TTS-TWST6 Series provides the most complete commercial water heater solution in the market. This tankless water heating system provides up to 1,199,400 BTU/hr in the smallest footprint while having the advantage of redundancy and equalizing heating performance.



### 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

#### System recirculation

#### Designed to fit through 3'-0" x 7'-0" Door

#### Pre-engineered system

#### Pre-configured control wiring

#### Pre-installed system controllers

#### Warranty

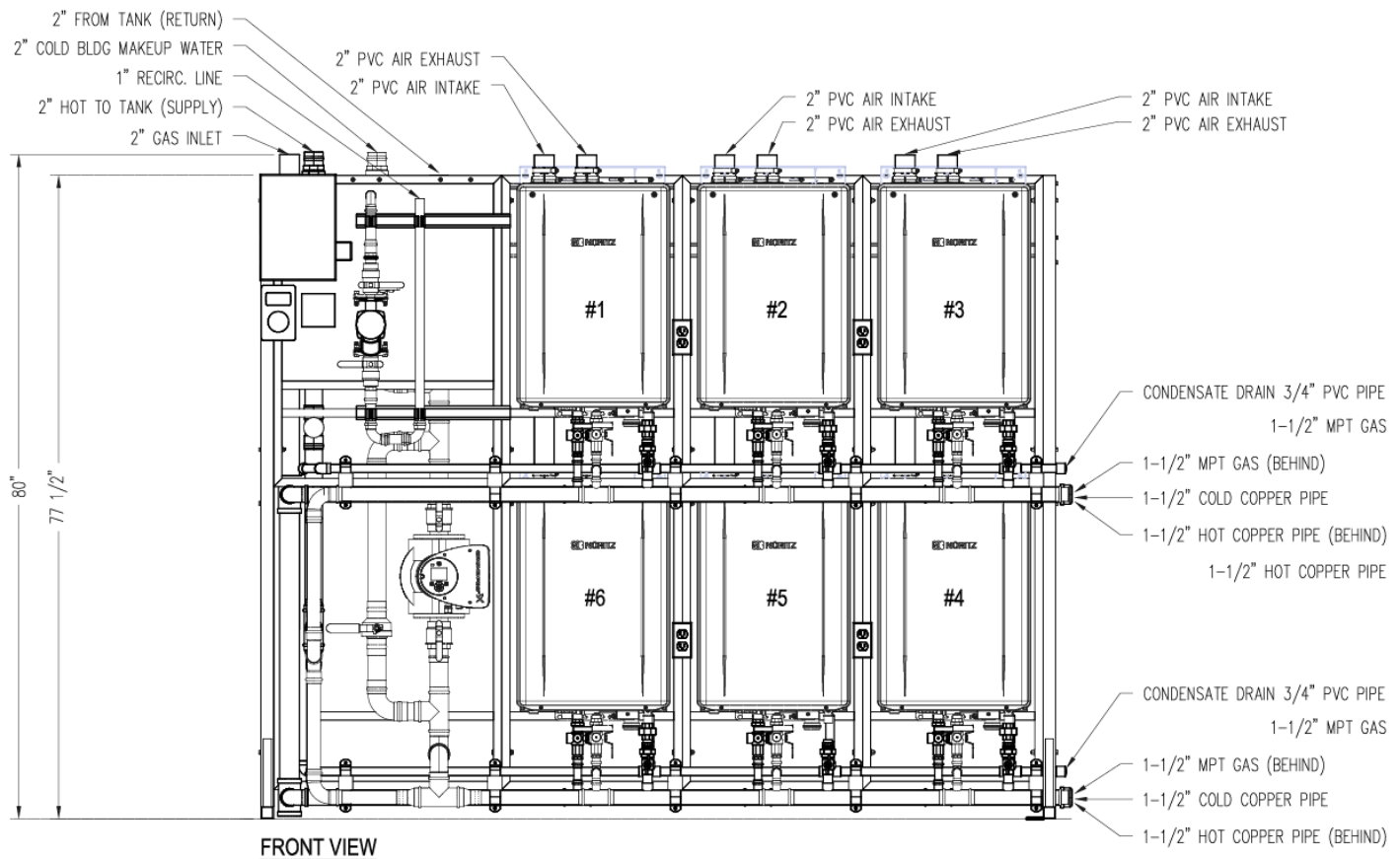
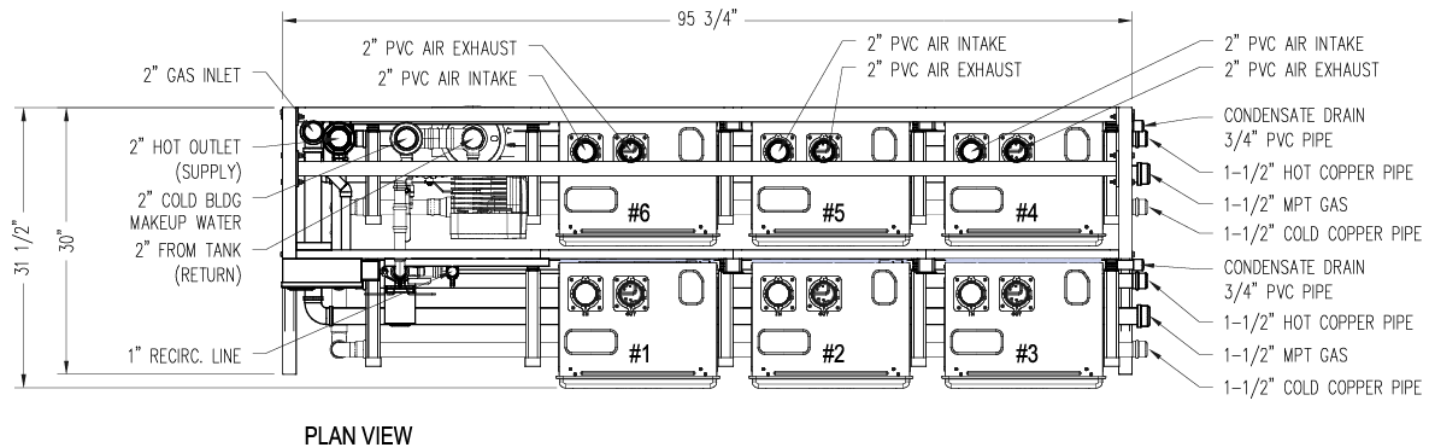
- 10 Years Heat Exchanger per Tankless Unit
- 5 Years Water Heater Parts & Components
- 3 Year Circulation Pump
- 1 Year Labor

#### Additional Included Accessories:

- Condensate Neutralizer (Qty 2)
- 115 Gallon Storage Tank with Manifolds
- Expansion Tank (Non-ASME)
- 20 Gallon (TTS-TWST2/3/4/5/6 Models)

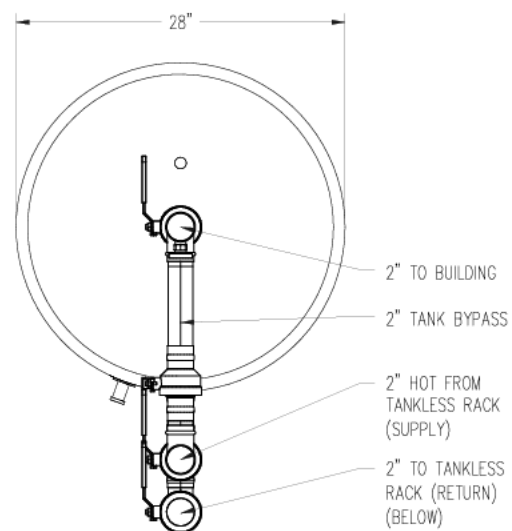
# TTS-TWST SERIES SPECIFICATIONS (SYSTEM DIMENSIONS)

## Model: TTS-TWST6

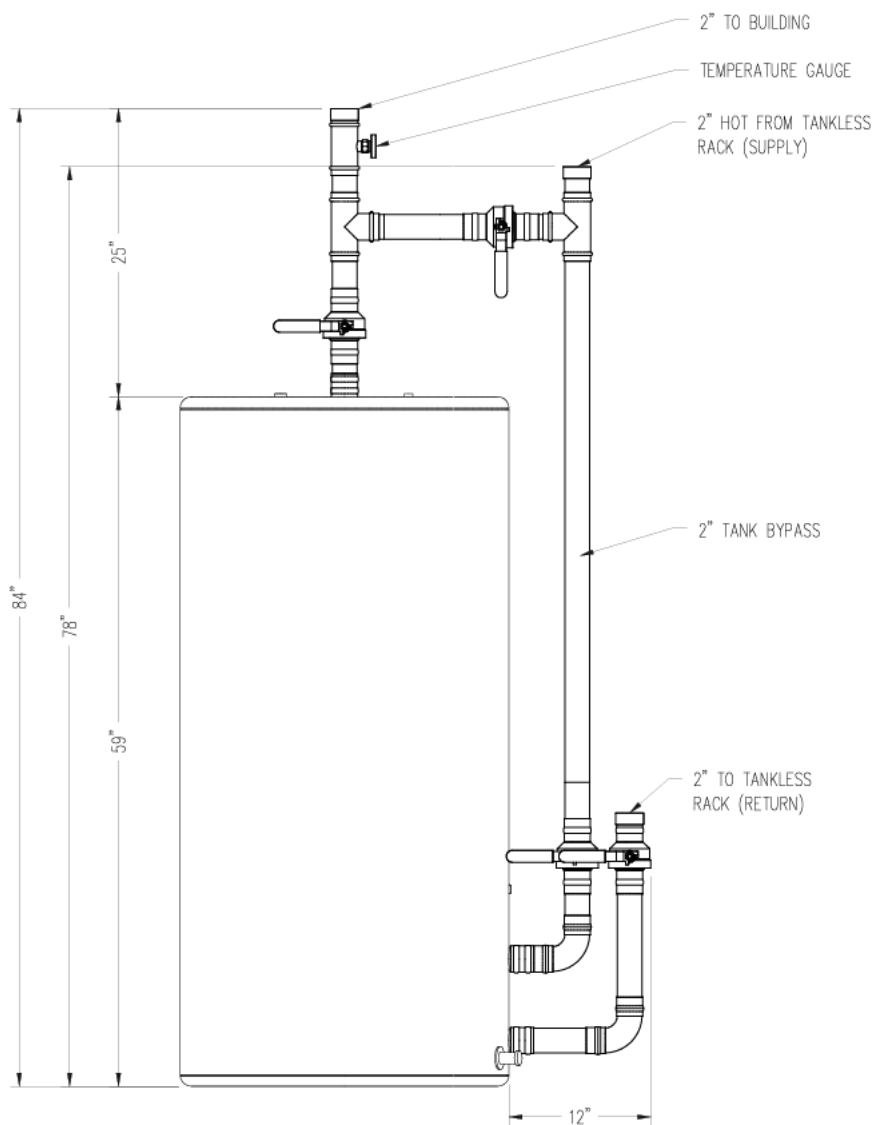


## TTS-TWST SERIES SPECIFICATIONS (TANK DIMENSIONS)

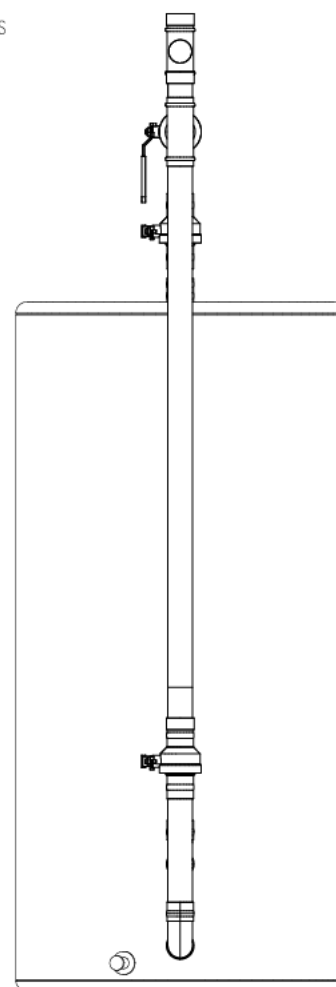
Model: TTS-TWST6



PLAN VIEW



LEFT SIDE VIEW



FRONT VIEW

## TTS-TWST SERIES SPECIFICATIONS (PARAMETERS)

| Model Name                          |                                | TTS-TWST6                                                                  |
|-------------------------------------|--------------------------------|----------------------------------------------------------------------------|
| Min. Input (BTU/HR)                 |                                | 12,800                                                                     |
| Max. Output (BTU/HR)                |                                | 1,199,400                                                                  |
| Turn Down Ratio                     |                                | 96:1                                                                       |
| System Dimensions L X D X H (IN)    |                                | 130.75 X 31.5 X 104 (248 CU. FT.)                                          |
| System Weight (LBS)                 |                                | 880                                                                        |
| Shipping Dimensions L X D X H (IN)  |                                | 135.75 X 38.5 X 107 (324 CU. FT.)                                          |
| Shipping Weight (LBS)               |                                | 1,480                                                                      |
| GPH @100°F Rise                     |                                | 1,523.0                                                                    |
| 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                                              |
| Storage Tank Water Holding Capacity |                                | 115 Gallon (435L)                                                          |
| Connection Size                     | Water Inlet                    | 2" LC-ODT/PP                                                               |
|                                     | Hot Water Outlet               | 2" LC-ODT/PP                                                               |
|                                     | Hot Water Recirculation Return | 1" 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 40-AMPS                                                   |
|                                     | Sub - Heater                   | 120VAC (60Hz), less than 4 amperes                                         |
|                                     | Sub - Recirculation Pump       | 120VAC (60Hz), 5 to 45W                                                    |
|                                     | Sub - System Circulation Pump  | 120VAC (60Hz), 32 to 1196W                                                 |
| 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                    | System Pump                    | Max 36-GPM @ 28' of head                                                   |
|                                     | Sub - Recirculation Pump       | 3.5-GPM @ 15' of head (see Pump Curve below)                               |

