



NTS1

Navigator® Tepid Water Skid System

Key Features

- Complete tepid water system
- Includes Navigator® thermostatic mixing valve, hot water storage tank with immersion heater, expansion tank and electrical control panel.
- Stainless steel skid with forklift slots
- Designed for one combination shower/eyewash activation
- Factory assembled and tested
- Meets requirements of ANSI/ISEA Z358.1 and ASSE 1071

Standard Equipment

Skid

The system components are mounted to a 12 gauge stainless steel bolted skid assembly with forklift slots for transportation.

Tepid Water Delivery System

The tepid water system requires power and a connection to a cold water supply. Cold water is heated inside a 119 gallon storage tank with immersion heater. Tepid water is created by blending hot water and cold water through an ASSE 1071 certified Navigator emergency fixtures thermostatic mixing valve. Cold water bypass ensures the availability of water to the safety fixture even if hot water runs out. The unit comes factory assembled and tested with all piping, check valves, ball valves and expansion tank.

Electrical Power

The system requires electrical connection into a disconnect switch. All electrical components are controlled through a UL listed industrial control panel. Supply voltage options include 208V, 240V and 480V. System is suitable for non-hazardous electrical locations.

Inlet and Water Supply Pressure

Water inlet has a 1-1/4" NPT union connection. Hot water tank must be supplied with an incoming cold water pressure between 50 and 90 psi (3.4 - 6.2 bar).

Optional Equipment

Recirculation System

Recirculation system includes a pump to continuously recirculate tepid water to all safety showers. System includes 3/4" return line with recirculation pump and balancing valve.

Pressure Booster

A pressure booster pump is available. Evaluate site conditions prior to selecting this option. The pump is powered by the same electrical supply as the rest of the system. An automatic on/off pressure switch is included with the pump. All controls necessary to automatically start the pump are included. The booster pump requires an inlet water pressure between 20 and 60 psi (1.3 and 4.1 bar). Pump will begin to function when the pressure falls below 45 psi (3 bar).



Model NTS1

Product Compliance

- Designed to the National Electrical Code (NEC/NFPA 70)
- Thermostatic Mixing Valve certified to ASSE 1071 and cUPC.



Bradley Skid Systems are non-cancelable, non-refundable and non-returnable.



Only one electrical connection is required.



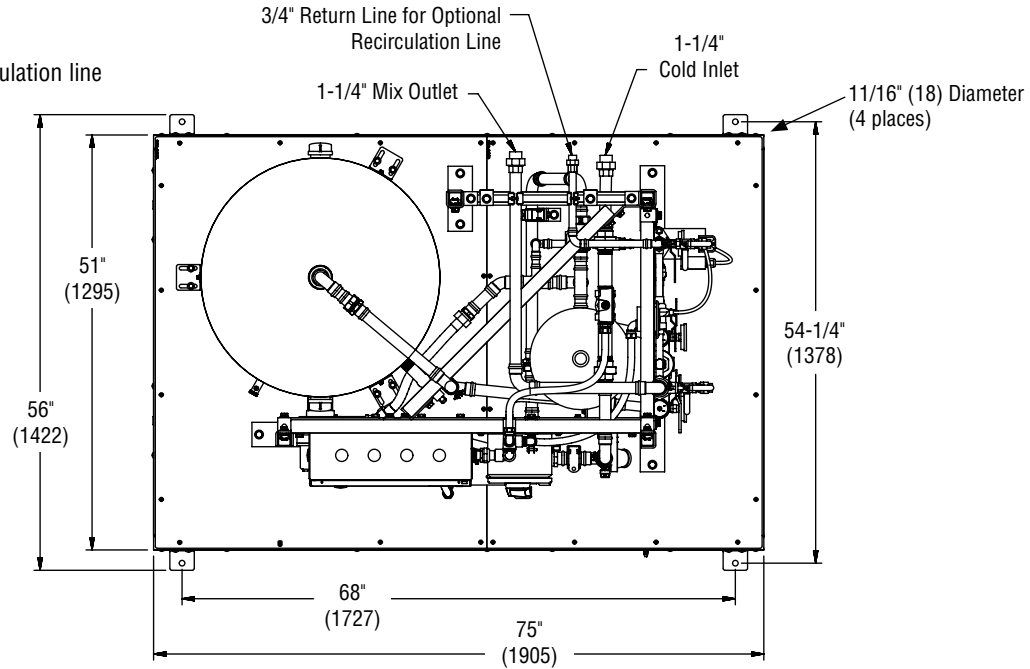
NTS1 Navigator® Tepid Water Skid System

Dimensions

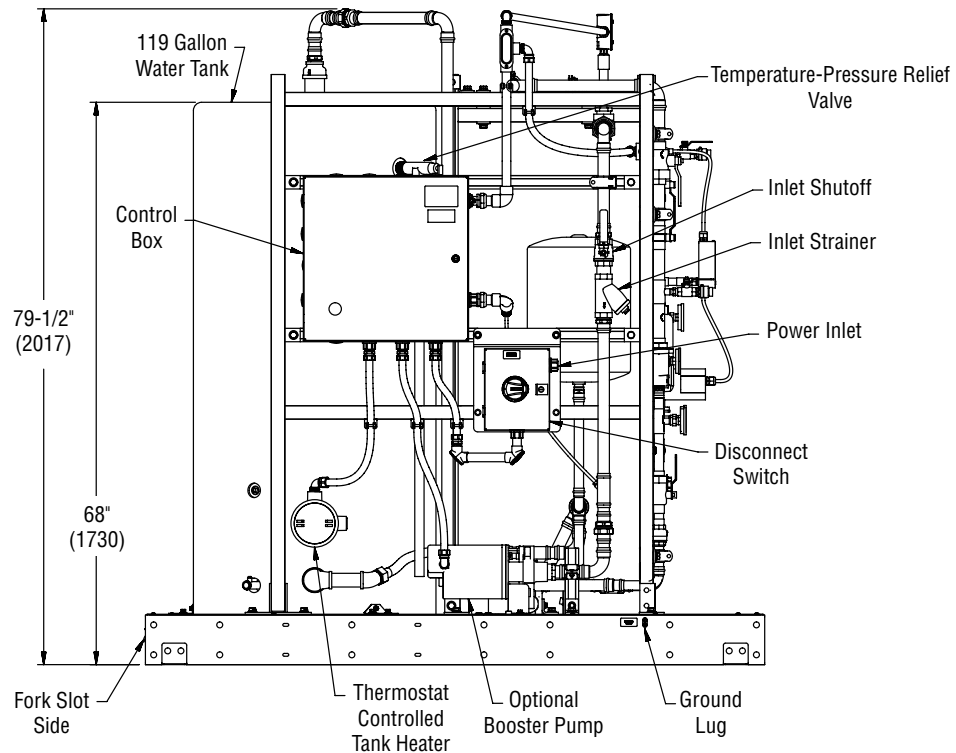
(mm)

Top View

(Includes optional recirculation line and booster pump.)



Front View



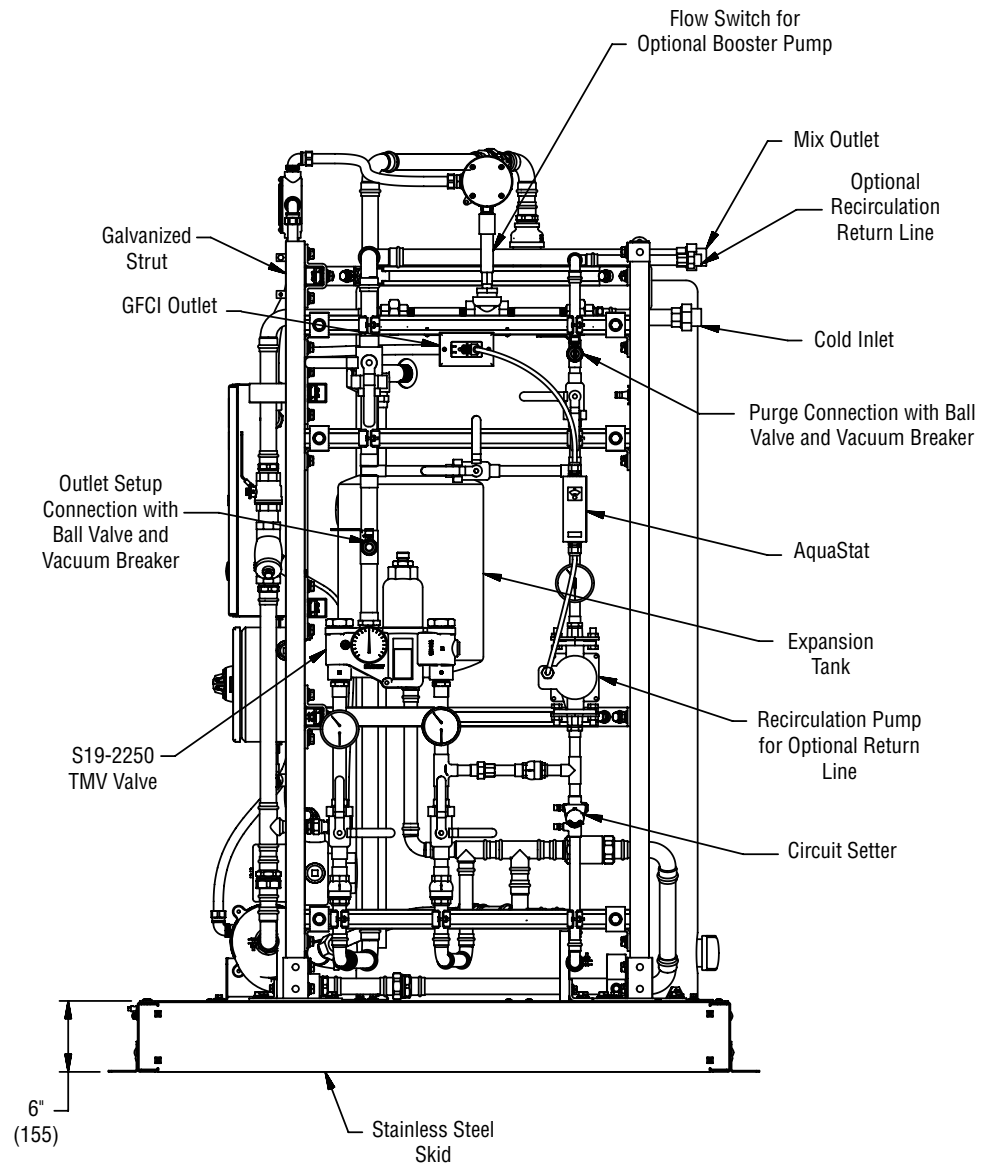


NTS1 Navigator® Tepid Water Skid System

Dimensions

(mm)

Right Side View





NTS1 Navigator® Tepad Water Skid System

Model	Description	
NTS1	One-Station Tepad Water Skid	<input checked="" type="checkbox"/> Bradley Skid Systems are non-cancelable, non-refundable and non-returnable.
Selections (must select one from each category)		
Electrical Class:		
GA General Area Classification		
Supply Voltage:		
V2 208V 60Hz Single-Phase		
V4 240V 60Hz Single-Phase		
V5 480V 60Hz Three-Phase		
Water Heater:		
ST1 119-gallon (standard)		
ST2 119-gallon (ASME)		
Recirculation System:		
0 None		
RP1R1 3/4" Return Line with Recirculation Pump		
Specify Pump and Return Line: _____		
Pressure Booster Pump:		
0 None		
PB Pressure Booster (up to 5HP, pump sizing based on shower locations and piping from the tempering skid)		
Piping Assumptions:		
Piping Material: _____		
Piping Size: _____		
Pipe Schedule: _____		
Loop Length: _____		
Inlet Pressure: Min. _____ Max: _____		
Max. Height of Shower from Skid: _____		
Additional Certifications Required:		
0 None		
A List Additional Certifications Below (may be additional charge for 3rd party inspections and/or non-standard certifications):		

<input checked="" type="checkbox"/> A signed submittal drawing is required. This submittal drawing will be provided upon receipt of order.	Job Name: Location: Revision Date:
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This is to acknowledge that the "End User" identified below has marked the boxes in the selection guide above to design a skid system that will meet its site and specification requirements, and wishes to have Bradley custom-build that skid system to its order, on the understanding that the order may not be canceled, the skid system may not be returned and that no refund of any portion of the purchase price for the skid system will be made (except under Bradley's warranty). It is also to acknowledge that the "Distributor" identified below is placing an order with Bradley for the skid system, on the Terms and Conditions found on Bradley's website, at www.bradleycorp.com, again on the understanding that the order may not be canceled, the skid system may not be returned and that no refund of any portion of the purchase price for the skid system will be made (except under Bradley's warranty).

name of "End User" _____	name of "Distributor" _____
by _____	by _____
title _____	title _____
date _____	date _____