

Model TNST-200 Nitrogen Storage Tank

IMPORTANT

Refer to Technical Data Sheet TFP2300 for warnings pertaining to regulatory and health information.

Scan the QR code or enter the URL in a web browser to access the most up-to-date electronic version of this document. Data rates may apply.



docs.jci.com/tycofire/TFP1272

General Description

The TYCO Model TNST-200 Nitrogen Storage Tank is designed for use in conjunction with a TYCO nitrogen generator in implementing the Wet Pipe Nitrogen Inerting (WPNI) process for controlling oxygen corrosion in wet pipe fire sprinkler systems. The nitrogen storage tank is designed to be installed inline between the nitrogen generator and the wet pipe sprinkler system riser to safely deliver nitrogen gas to fire sprinkler systems during the WPNI process.

NOTICE

The TYCO Model TNST-200 Nitrogen Storage Tank described herein must be installed and maintained in compliance with this document, in addition to the standards of any other authorities having jurisdiction. Failure to do so may impair the performance of the related devices.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.

Technical Data

Standards

ASME Boiler and Pressure Vessel Code
Section VIII, Div. 1*

*Applies to Tank and Pressure Relief Valve

Dimensions, H x Dia.

86 in. x 30 in.
(2185 mm x 762 mm)

Weight

535 lb (243 kg)

Capacity

203 gal (768 L)

Working Pressure

200 psi (13.8 bar)

Temperature Range

-20°F to 450°F (-29°C to 232°C)

Gas Connections

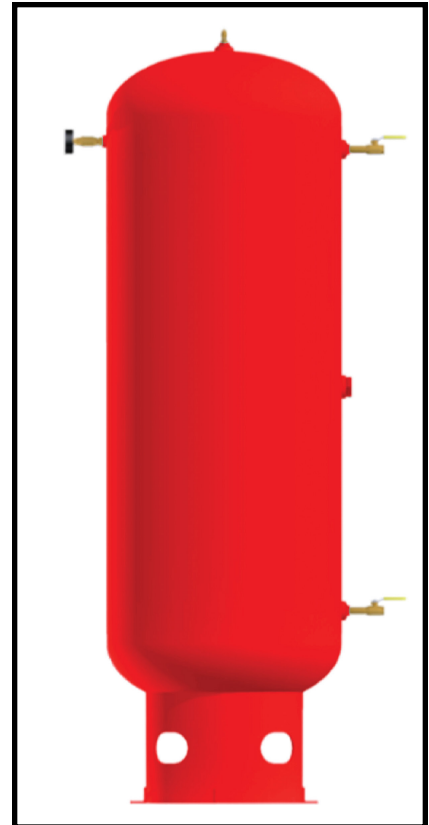
Inlet: 1½ in. to ½ in. NPT Female
Outlet: 1½ in. to ½ in. NPT Female

Drain Connection

½ in. NPT Female

Power Supply

Auto Drain - 120 VAC/1 phase/60 Hz (can be connected to the nitrogen generator cabinet power supply)



Limited Warranty

For warranty terms and conditions, visit www.tyco-fire.com.

Ordering Procedure

Contact your local distributor for availability. When placing an order, indicate the full product name and Part Number (P/N).

Nitrogen Storage Tank

Specify: Model TNST-200 Nitrogen Storage Tank, P/N TNST01



Worldwide
Contacts | www.tyco-fire.com

TFP1272

Change History Appendix

ISSUE DATE	NOTES
08-22	Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 Telephone +1-215-362-0700.
09-19	New Technical Data Sheet TFP1272 describes Model TNST-200 Nitrogen Storage Tank.