

## Model TNST-200 Nitrogen Storage Tank

### 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 Wet Pipe Nitrogen Inerting (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

86 in. (H) x 30 in. (Dia.)  
(2,185 mm (H) x 762 mm (Dia.))

#### 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

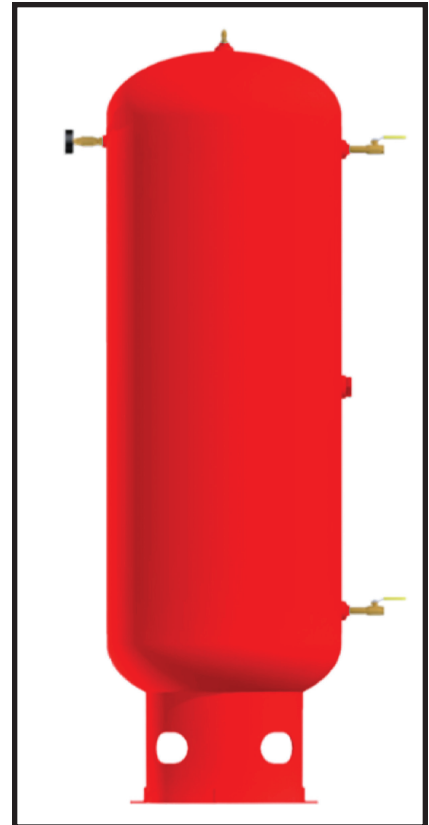
½ in. NPT Female

#### Power Supply

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

### Limited Warranty

For warranty terms and conditions, visit [www.tyco-fire.com](http://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

#### IMPORTANT

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

