

**NITROGEN-PAC™ M SERIES**  
**MODEL NR-60 NITROGEN RECEIVER**

### Description

The **UNITED Fire Systems Model NR-60** is a 60 gallon capacity vertical steel tank for receiving and storing nitrogen from a **NITROGEN-PAC™ M Series** sprinkler corrosion inhibiting system nitrogen generator module. The receiver assembly is free-standing, and is intended to be fastened to the surface upon which it rests. The assembly is equipped with:

- A steel tank that receives the nitrogen from the **Model NGM** nitrogen generator
- Integral mounting feet
- A pressure gauge
- A safety relief device
- Inlet and outlet connections
- Manually-operated bypass ball valves for initial-fill of a sprinkler system with air from a **Model CTA Compressor / Tank Assembly** without diluting the nitrogen in the receiver
- A manual drain valve permitting drainage of accumulated moisture



**FIGURE 1**  
**NITROGEN-PAC™ Model NR-60 Nitrogen Receiver**

### Technical Specifications

#### Reservoir (Tank)

- Type: Vertical, ASME Section VIII Division 1
- Capacity: 60 gallons
- Inlet, Outlet, and Drain Size: 1/2" NPT Female
- Pressure Gauge Range: 0 -200 PSIG
- Safety Relief Device Setting: 175 PSIG
- Drain: Manual Drain Valve

#### Factory-Assembled

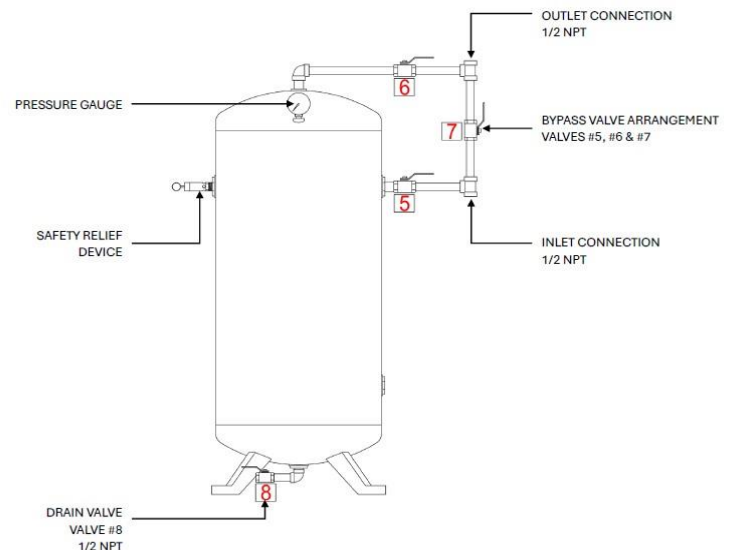
- Vertical Tank
- Inlet / Outlet / Bypass Valve Piping
- Safety Relief Device
- Drain Ball Valve

#### Dimensions

- Height: 48 inches
- Width: 29 inches
- Diameter: 20 inches
- Base Bolt Circle: 23.75 inches diameter
- Approx. Shipping Weight: 165 lbs.

#### Instructions

- Refer to **UNITED Fire Systems** manual P/N 30-NPMICM-001 for detailed installation, operation, and maintenance instructions, with checklists for carrying out procedures.



**FIGURE 2**  
**Component Identification**

For downloadable architect's specifications and drawing details, go to:

[unitedfiresystems.com/product/nitrogen-pac-m-series](https://unitedfiresystems.com/product/nitrogen-pac-m-series)

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