DESCRIPTION

The FM Approved UNITED Fire Systems NAMD-1 is a device designed to automatically regulate and maintain the flow of air or nitrogen into dry-pipe or preaction sprinkler pipe. The air or nitrogen pressure flows through a regulator so that upon activation of a sprinkler head, the air or nitrogen pressure will not interfere with the operation of the sprinkler valve or lengthen the time until the piping fills with water. Shut-off and bypass ball valves are provided to permit initial-fill of the pipe with air, in accordance with the NFPA 13 mandated time requirement of 30 minutes or less. A “Y” strainer protects the regulator from particulate matter.

FEATURES AND BENEFITS

- **FM Approved** – Complies with NFPA 13 component listing requirement.
- **Designed Specifically For Nitrogen** – Provides the accuracy, precision, repeatability, and flow needed for supply of nitrogen. Superior to devices meant for air only.
- **High-Precision Pressure Regulator** – Balanced design minimizes effect of inlet pressure variation on outlet pressure.
- **Pressure Gauge** – Included to make adjustment easy.
- **Strainer** – Helps prevent regulator damage from incoming gas contamination.
- **Backflow Prevention Device** – Prevents problems caused by pressure changes.
- **Large Flow Range** – Capable of providing nitrogen to both small and large systems.
- **Wide Span** – Capable of providing consistent flow over a wide span of inlet pressures – no need for multi-stage regulation.

TECHNICAL DATA

- Material (other than regulator): Brass
- Material (regulator body): Zinc
- Inlet pressure range: 0-175 PSIG (0-1200 kPa gauge)
- Outlet pressure range: 15-60 PSIG (100-410 kPa gauge)
- Maximum pressure: 175 PSIG (1200 kPa gauge)
- Factory regulator setting: Approx. 15 PSIG
- Temperature range: 0°F to +150°F (-20°C to +65°C)
- Inlet / outlet pipe size: 1/2” NPT female
- Dimensions (L x H): 9.75” x 8.25”
- Weight: Approx. 7 lbs. (3.2 kg)

ORDERING INFORMATION

- Model NAMD-1

For downloadable architect’s specifications and drawing details, go to: [www.unitedfiresystems.com/namd-1](http://www.unitedfiresystems.com/namd-1)