



Vapor Vent Heater

SPECIFICATION

The Problem: Ice Buildup

The nitrogen gas coming out of a vapor vent device is often extremely cold. It is not uncommon to see temperatures falling below -140 degrees Celsius. Direct skin contact with the vent discharge of the vapor vent device will result in severe burns.

A more common problem with vapor vent devices is ice building up on the vent pipe. Any moisture contained in the atmospheric air coming in contact with the vent pipe will freeze automatically and accumulate over time.

The Solution: Vapor Vent Heater

The vapor vent heater connects to the vent pipe of the vapor vent device via a bayonet. The band heater is installed at the end of the unit and warms up the cold nitrogen gas before being released into the atmosphere. Warning! The heater can become extremely hot. A protective sleeve is installed around the exposed portion of the heater to protect personnel from being burnt by the band heater.

The vapor vent heater is normally sold as part of a complete vacuum jacketed piping system.



Picture 1

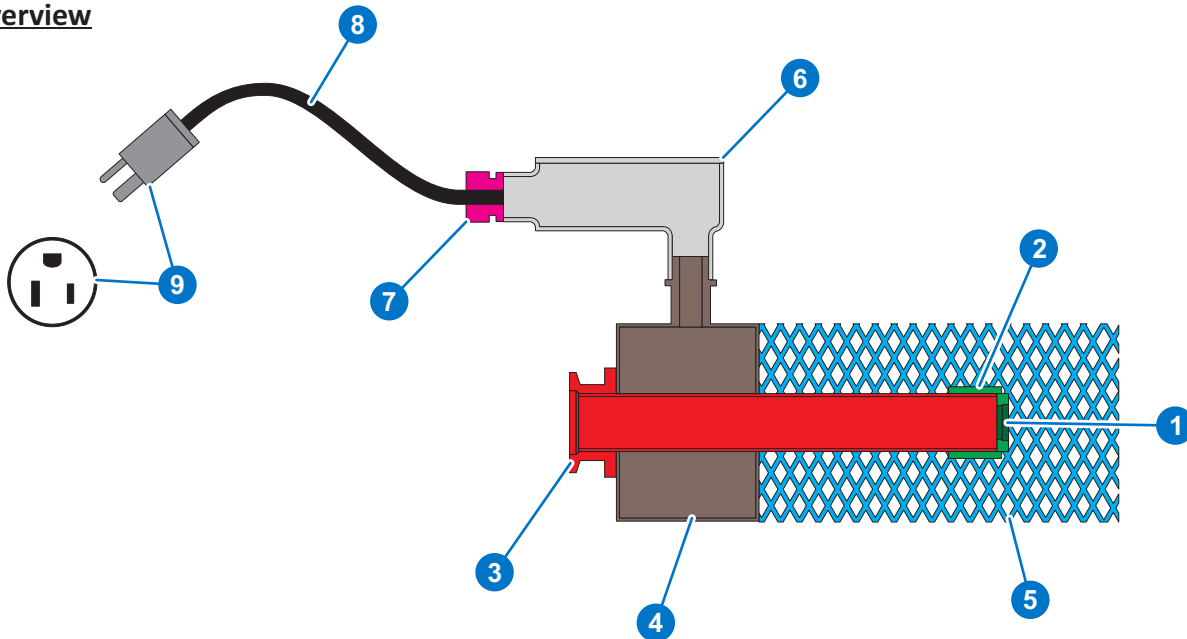
Two (2) vapor vent heaters installed on an outside wall. The vapor vent devices are installed inside the building.



Picture 2

Vapor vent heater installed at the end of a vapor vent device (outdoor installation).

Overview



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|------------------------------------------------------|--------------------------------------------------|
| ① Gas Outlet | ⑥ 1/2" Trade Size 90 degree Elbow |
| ② Band Heater, 120 VAC, 300 Watts | ⑦ Cord Grip |
| ③ Gas Inlet - Stainless Steel Female Bayonet | ⑧ Power Cord, 125 VAC, 6-ft long |
| ④ Vapor Vent Heater Stainless Steel Casing | ⑨ Straight Bladed Male Plug, NEMA 5-15, 3 Blades |
| ⑤ Hot Surface Guard (Stainless Steel Expanded Panel) | |

Dimensions

