

Agent Distribution Hose for Restaurant Fire Suppression Systems

Features

- Tested and listed for use with ANSUL® R-102 and PIRANHA Restaurant Fire Suppression Systems through Underwriters Laboratories (UL/ULC), and LPCB (Loss Prevention Certification Board)
- Hose diameter of 1/2 in. (13 mm) and length of 5 ft (1.5 m)
- Two male NPT swivels assembled to hose ends for easy installation
- Includes 3 ft (0.9 m) long restraining cable
- Includes restraining cable hardware kit for various mounting options
- Offers convenience of rolling out castered appliances for cleaning without disconnecting agent piping

Application

NFPA 17A Standard for Wet Chemical Extinguishing Systems requires that movable cooking equipment shall be provided with a means to ensure that it is correctly repositioned in relation to the appliance discharge nozzle during cooking operations. In many cases, the appliance discharge nozzle is hard piped to the appliance and renders the movement of the appliance difficult, requiring disconnection of the discharge piping.

The Agent Distribution Hose is designed for use with commercial kitchen appliances manufactured with or resting on casters (wheels/rollers) that have hard piped fire suppression systems.

Description

The Agent Distribution Hose is a component of the suppression system that allows the appliance to be moved for cleaning purposes without disconnecting the appliance fire suppression discharge piping and helps ensure positive positioning of the appliance nozzle.

The hose features 1/2 in. (13 mm) swivel connectors which reduce stress at both ends of the hose connector. An outer coating inhibits growth of bacteria, mold and mildew on the discharge hose.

Underneath the covering, the hose is comprised of heavy-duty, flexible, corrugated 304 stainless steel tubing. A tightly woven stainless steel braid prevents corrugations from stretching as the appliance is moved. The temperature range in which the agent distribution hose will function properly is 32 °F to 130 °F (0 °C to 54 °C). The hose must not be kinked, twisted, or have sharp bends when installed or when equipment is pulled away from the wall. The hose must also not be concealed within or run through any wall, floor, or partition, and must not have any direct exposure to excessive heat or radiant flame from the cooking appliances.



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The hose assembly includes a restraining cable kit to limit the appliance movement within the range (length) of the flexible hose. The agent discharge hose can be easily installed at initial installation or as a retrofit to your current fire suppression system.

Ordering Information

Part No.	Description	Shipping Weight
435982	Agent Distribution Hose and Restraining Cable Kit – Consists of a 5 ft (1.5 m) long Agent Discharge Hose, a 3 ft (0.9 m) long Restraining Cable, and a Restraining Cable Hardware Kit	3.5 lb (1.6 kg)

Note: The converted metric values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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