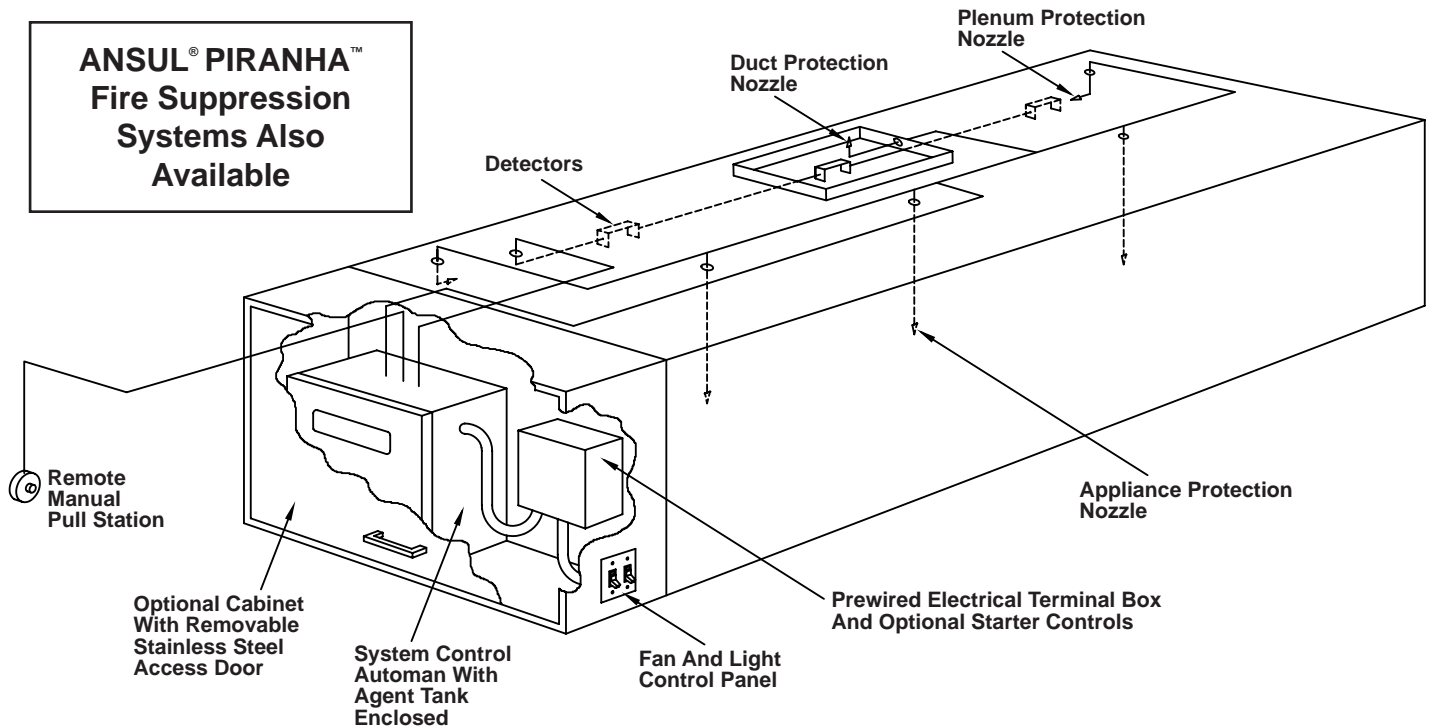




KEES FIRE SUPPRESSION SYSTEM

UTILIZING THE ANSUL® R-102 LIQUID SYSTEM



System Components

- ANSUL® Automan Regulated Release Mechanism - actuates system and shuts down cooking equipment fuel supply and supply fan.
- Agent Tank - R-102 Tank contains liquid fire suppression agent.
- Detection System - consists of fusible links selected for the application and hardware to connect them to the regulated release mechanism.
- Discharge Nozzles - chosen and placed in the hood according to the application, they direct the fire suppression agent to the plenum, exhaust duct and cooking equipment.
- Fuel & Equipment Shutoff Devices - mechanical or electrical solenoid gas valve and double pole, double throw micro switch.
- Remote Pull Station - allows for manual actuation of the system and is located at the exit point of the kitchen.
- Optional Self-Contained System - cabinet constructed of the hood material is attached to either side of the hood as specified. It is depicted above with the included and the optional components shown inside.

The KEES Fire Suppression System consists of the following:

1. Pre-piping of the kitchen hood with Schedule 40 black iron pipe.
2. Fuel shut-off device (see Note 1):
 - a. Mechanical type gas valve up to 2" diameter
 - or
 - b. Electrical solenoid type gas valve up to 1" diameter with manual reset relay.
3. An ANSUL® tank and release mechanism (housed in a cabinet for remote mounting).
4. All detectors, nozzles, pulley elbows and the remote pull station.
5. All fusible links and the fire suppression agent (see Note 2).
6. One double pole, double-throw micro switch for electric appliances (see Note 3).
7. Final field hook-up by a certified ANSUL® distributor (see Note 4).
8. Factory coordination of the final field hook-up between the job site contact and the assigned ANSUL® distributor.

Note 1. The plumbing contractor is responsible for the installation of the fuel shut-off device.

Note 2. These items are supplied by the assigned ANSUL® distributor.

Note 3. This switch is provided for use with electric appliances. It can also be used with alarm systems, fan shut down, and electric solenoid gas valves. The electrical contractor is responsible for wiring this device.

Note 4. Non-union labor only and one job site visit within a 30 mile radius are included.

The KEES Fire Suppression System does not include the following:

1. Any necessary permit and/or testing fees required to satisfy local/state code.
2. Union labor for the final field hook-up.
3. Any dismantling or reassembling of enclosure panels, ceiling tiles, etc. to gain access to the system piping that is located on the top of the hood.
4. Additional trips to the job site.
5. Travel time/costs for distances in excess of a 30 mile radius.
6. Chrome or stainless steel piping or chrome shelves.
7. Connections to fuel shut-off devices (mechanical or electrical).
8. Any item not specifically listed above as being included in the KEES Fire Suppression System.

Note: Any of these additional costs which are not included will be invoiced separately.

A detailed certified drawing of the cooking equipment lay-out must be furnished before an order can be entered.

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