AMEREX PNEUMATIC RELEASE MODULE (PRM)

Simple, Fast Installation and Maintenance

- No corner pulleys
- No cable
- No crimps
- Tubing simply snaps into clips anchored every 18 inches
- No cutting and measuring of conduit within the hazard area
- No tension to "set"
- Tubing may be cut to length (no splices allowed)
- 3 year tubing replacement requirement
- Pressurized with compressed air (70 PSI) through standard air valve - no special tools required
- Testing accomplished by simply de-pressurizing the tubing
- Easy to clean during 6 month maintenance
- Accumulator pressure gauge can be viewed through window on PRM cover

(TUBING AND NITROGEN CARTRIDGE SOLD SEPARATELY)

Better Fire Detection

- Entire tubing run works as a detector
- In commercial kitchens, entire hood is covered with a single device
- No need to change detector locations if appliances change
- UL Listed for 435°F temperature response (375°F maximum intermittent safe exposure temperature with a maximum sustained ambient temperature of 176°F)
- Responds to actual fire as a "quick response" device
- Safe for use in Hazardous locations

Rugged, Durable and Reliable

- Impervious to hood cleaning chemicals, pressure washers
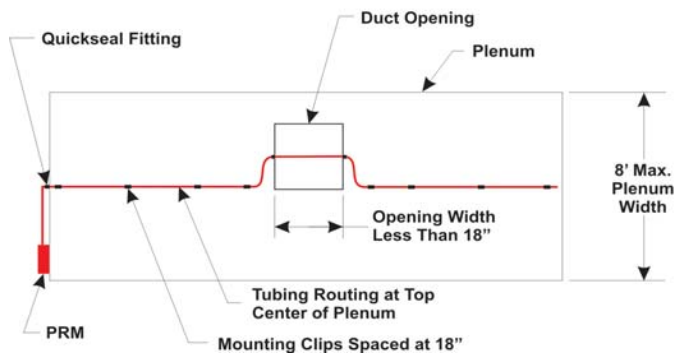- Years of extensive testing conducted

(SHOWN WITH COVER)

The Amerex PRM detection system consists of the PRM, tubing and end of line fitting. The tubing is pressurized to 70 PSI through a small "accumulator" inside the enclosure, routed throughout the hazard area, and has a UL Listed fixed temperature. When exposed to a fire condition the tubing ruptures, relieving all of the pressure in the tubing and the accumulator thus firing a nitrogen cylinder to initiate system actuation.
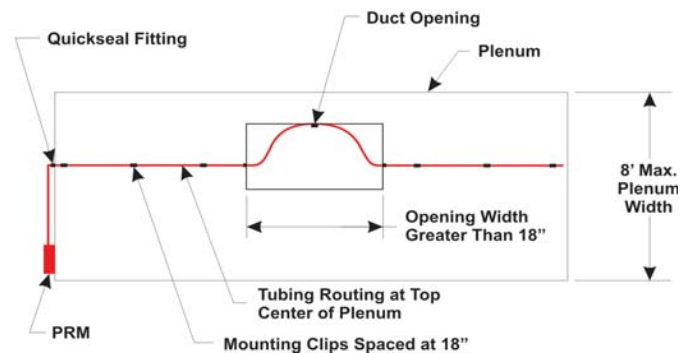
The PRM comes complete with enclosure, accumulator, end of line fitting, connection for mechanical manual pull, two SPDT microswitches (pre-installed), mechanical gas valve capabilities and appropriate "knock-outs". Additionally, a supervisory low-pressure switch is factory installed for use with the optional low-pressure LED module. Detection tubing is sold separately in 25ft., 50ft., 75ft., 150ft. and 300ft. lengths.

DETECTION TUBE ROUTING

Top View

Quickseal Fitting
Duct Opening
Plenum
Opening Width Less Than 18"
8' Max. Plenum Width
Tubing Routing at Top Center of Plenum
PRM
Mounting Clips Spaced at 18"

Top View

Quickseal Fitting
Duct Opening
Plenum
Opening Width Greater Than 18"
8' Max. Plenum Width
Tubing Routing at Top Center of Plenum
PRM
Mounting Clips Spaced at 18"

Part No. 17484

OPTIONAL LOW PRESSURE MODULE

Flashing LED indicator gives warning that pressure in the pneumatic detection line is below the minimum operating pressure. System should be serviced immediately to prevent un-wanted system discharge.

AMEREX CORPORATION

7595 Gadsden Hwy. ❖ Trussville, AL 35173
Phone: (205) 655-3271 ❖ Fax: 1-800-654-5980
email: sales@amerex-fire.com
web site: www.amerex-fire.com