



Amerex Corporation

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AMEREX PNEUMATIC RELEASE MODULE* (PRM)

AN ENTIRELY NEW METHOD FOR FIRE DETECTION IN COMMERCIAL COOKING HAZARDS AND OTHER PRE-ENGINEERED APPLICATIONS

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

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 degree (F) temperature response
- 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



(TUBING AND NITROGEN CARTRIDGE SOLD SEPARATELY)



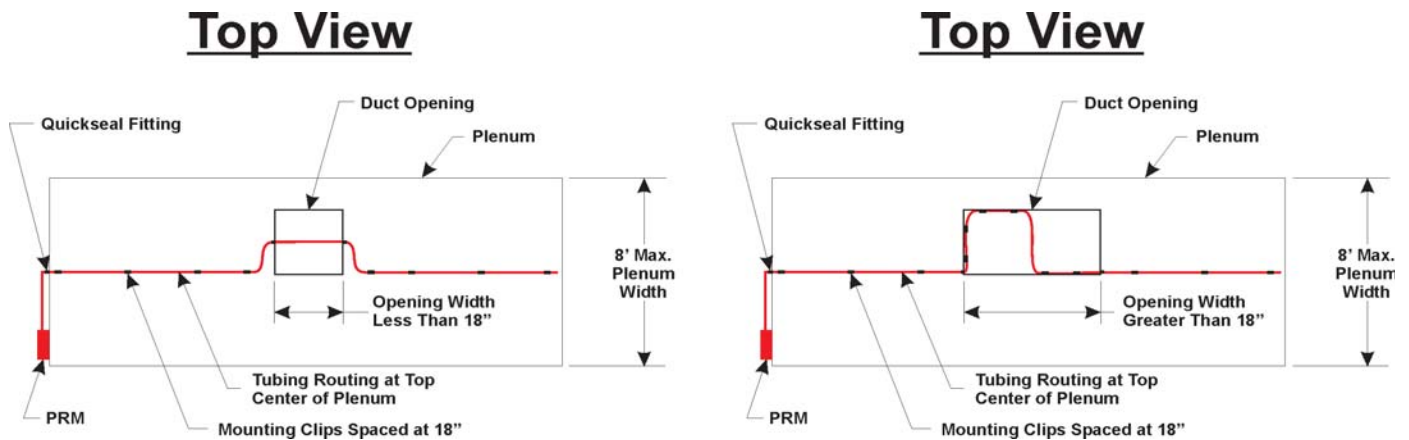
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* Patent Pending

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 of 435 Degrees F. 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, one SPDT microswitch (pre-installed), mechanical gas valve capabilities and appropriate “knock-outs”. Detection tubing is sold separately in 50ft., 150ft. and 300ft. lengths.

DETECTION TUBE ROUTING



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