



www.safefiredetection.com

RedPipe[®]

Custom Installation Supplies

AIR SAMPLING INSTALLATION SUPPLIES



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For More
Information

ABOUT US

Traditionally the fire industry has adapted off the shelf installation materials to install air sampling smoke and linear heat detection systems. At the request of a manufacturer and with their assistance, Safe evaluated the installation materials for these systems, and with the assistance of the installers redesigned new, more practical installation supplies made specifically for these systems.

Safe's new simple designs combine the best of the old with the new by eliminating the need to use multiple parts for a single mount. This results in parts that are faster and easier to install at a significantly lower cost from a single source.



MADE IN THE U.S.A

Safe is bringing back jobs to the United States of America. We engineer, build and deliver directly from our manufacturing facility in North Carolina. We combine complex specialty chemicals to optimize the quality and performance of all of our accessories and pipe fittings.

- Affordable
- Easy to Use
- Reliable
- Single Source



CUSTOM DESIGNED FOR THE FIRE INDUSTRY

- Fire Resistant
- UL Listed
- Lowest Cost Guaranteed
- Pipe is Approved Plenum Spaces
- Meets NFPA Standards
- Designed, Built and Shipped from North Carolina, USA



MADE IN THE USA

RedPipe Air Sampling Install Supplies

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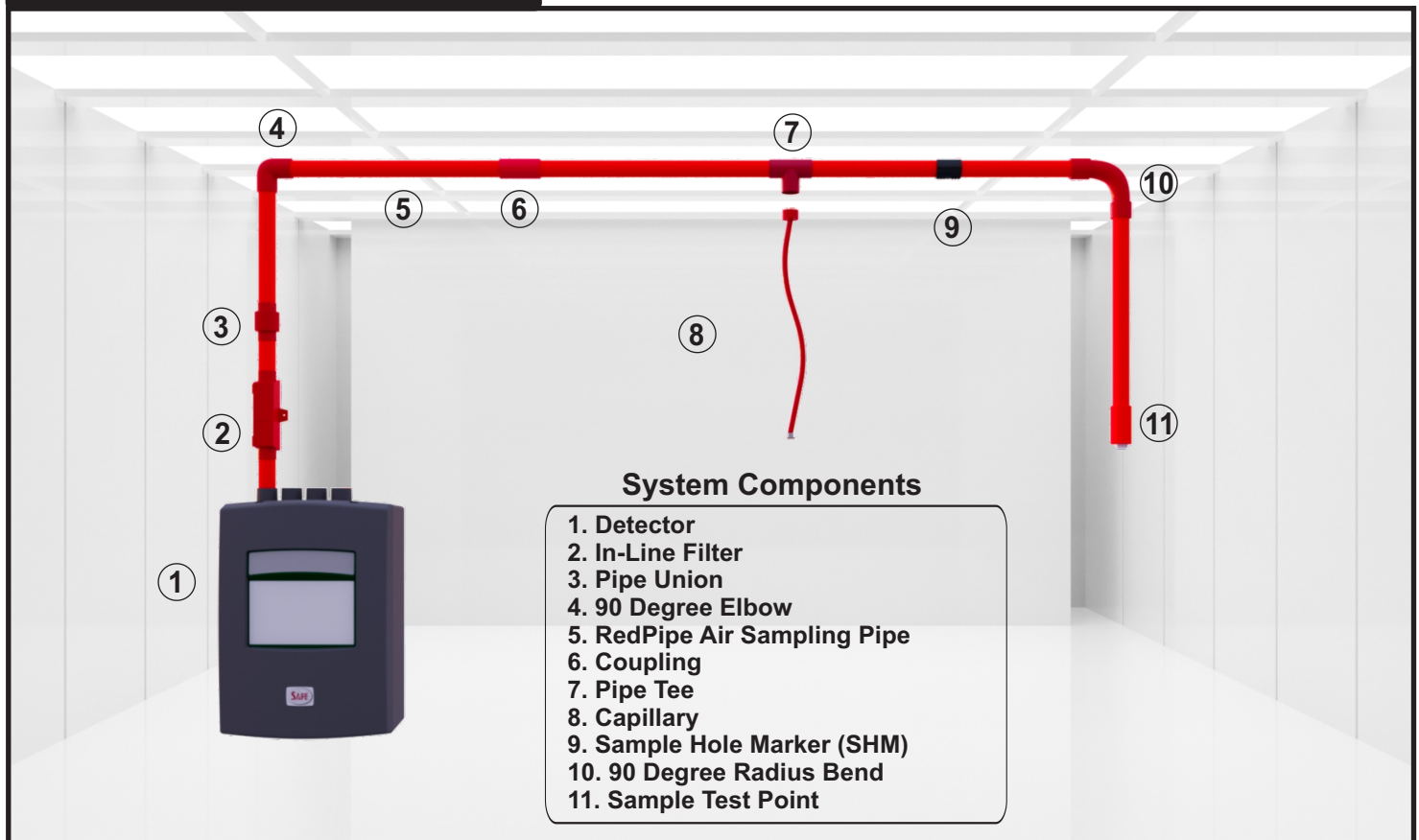


5915 Stockbridge Dr. • Monroe, NC 28110
Tel: 704-821-7920 • Fax: 704-821-4327

RedPipe

Air Sampling Detection System Example:

TYPICAL SYSTEM EXAMPLE



For More Information on Air Sampling Systems Visit:
www.safefiredetection.com

or
Call 704-821-7920

RedPipe

The Only Pipe UL Listed
Specifically For Use With Air
Sampling Fire and Smoke
Detectors

NFPA PRINTING ON PIPE

Printed in Both English and Spanish On Every Pipe

NO PIPE LABELS NEEDED



7.5' Pipe
Lengths Can Be
Shipped Overnight

7.5'(2.3m) OR 15ft(4.5m) Lengths

7.5' Length 3/4" CPVC

Part #: RP5209

15' Length 3/4" CPVC

Part #: RP5209-15



SMOKE DETECTION SAMPLING TUBE - DO NOT DISTURB

New



**EVERYTHING
YOU NEED IN
A SINGLE BOX**

Air Sampling Smoke Detection Pipe Kit

Simply divide your total Sq. Ft. by
2,500, Equals the number of pipe
kits you need

Easily organize your project with
all the
pipe and fittings for a 2,500sq.ft.
area in a single box or multiple
boxes for multiple areas

97.5' of RedPipe (13- 7.5' Sticks)

4- 1/8" Sample Hole Markers

3-90 Degree Elbows

13-Couplings

1-Tee

2-Endcaps

32-Pipe Clip Hangers

Pipe Kit 3/4" CPVC

Part #: RP5240

REDPIPE FITTINGS AND ACCESSORIES

UL Listed
3/4" CPVC SCH-40 (ID 0.874/22.1mm)

REDGEAR PIPE CLIP HANGERS



OPEN

**JUST
SNAP
IN PLACE**



CLOSED

RedPipe 3/4" Pipe Clip Hanger
Required every 3'
Part #: RP5212 25/pk

RedPipe Square Nut
Required with pipe clip hanger
to install threaded rod.
Part #: RP5213 25/pk

PIPE FITTINGS



RedPipe

3/4" 90° Radius Bend

Part #: RP5215X 10/pk



RedPipe

3/4" Low Profile
90° Radius Bend
for Confined Spaces

Part #: RP5230X 10/pk



RedPipe

3/4" 90° Elbow

Part #: RP5202X 10/pk



RedPipe

3/4" 45° Elbow

Part #: RP5203X 10/pk

PIPE FITTINGS



RedPipe

3/4" Coupling

Part #: RP5206X 10/pk



RedPipe

3/4" Union

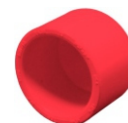
Part #: RP5208



RedPipe

3/4" Tee

Part #: RP5204X 10/pk



RedPipe

3/4" End Cap

Part #: RP5205X 10/pk

TEST POINT



"Standard"

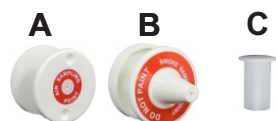
Test
Points

A Part #: RP5226

B Part #: RP5242



"Calibrated"



Air Sample
Points

A Part #: RP5216

B Part #: RP5222

C Part #: RP5233



Quick
Disconnect
1/2" tubing

Part #: RP5225
Note: 2 Required for
each Capillary Drop



1/2" Capillary Tubing

Part #: RP5227 50ft.

Part #: RP5229 100ft.



Quick
Disconnect
3/8" tubing

Part #: RP5223
Note: 1 Required for
each Capillary Drop



3/8" Capillary Tubing

Part #: RP5219 50ft.

Part #: RP5239 100ft.

CAPILLARY

Sample Hole Markers (SHMs)

Now easily identify the sample hole size from the floor without having to use a ladder. The SHM color indicates the Sample Hole size determined by the computer flow calculations. Please see below for Hole Size and Color Configurations.



| | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5/64 | 3/32 | 7/64 | 1/8 | 9/64 | 5/32 | 11/64 | 3/16 | 13/64 |
| RP5248 | RP5249 | RP5250 | RP5251 | RP5252 | RP5253 | RP5254 | RP5255 | RP5256 |

AIR SAMPLING ACCESSORIES



3/4" 3 Way Valve
Part #: RP5241



Condensation Trap
Part #: RP5244



Heavy Duty Dust/Dirt Filter
Part #: RP5246



3 Way Blowout Valve
Part #: RP5245

IN LINE FILTERS



3/4" Inline Air Filter
Used to filter out dust in the air going into the air sampling smoke detection system. Used in hazardous and industrial environments.
Part #: RP7125



Replacement Filter
Replacement filter for inline filter #RP7125.
Part #: RP7127

PIPE ACCESSORIES



1-5/8-in PVC Cutter
Ratcheting PVC cutter cuts CPVC pipe up to 1 Inch OD. Housing made of steel. Ratcheting feature.
Part #: RP5211



CPVC Pipe Cement
TFP-500 All-Purpose Medium Bodied Cement Container Size: 8 oz. Use for all Air Sampling Smoke pipe systems.
Part #: RP5214

LABELS



Sample Pipe Labels
Part #: RP5217 125/roll



NOT Required on RedPipe.
Sample Point Labels
Note: Place a Sample label at each sample point.
Part #: RP5218 125/roll

PIPE TO DETECTOR ADAPTOR



RedPipe

Pipe to Detector Adaptor
Sold Individually
Detector to Pipe Adaptor 25mm-3/4" CPVC SCH-40 (ID 0.874/22.1mm) Pipe adapter pipe fitting is made of a fire resistant CPVC mixture. Must be used with an air sampling detector to connect pipe system to the detector.
Part #: RP5207



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