

Duct Smoke Detector Installation Guide

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Duct Smoke Detector for Infinity, Evolution, or Ion Controls **Duct Smoke Detector Simplified Duct Detector Installation Wiring a HVAC ducted smoke detector-easy way HVAC Training - DUCT SMOKE DETECTOR how to Installation air duct smoke detector?**

SL 2000 Duct Smoke Detector - Air Products and Controls \u0026 Apollo

Smoke Detection Made EasyHVAC Service Vlog: Wiring Duct Smoke Detector A Day in the Life Episode 25 3-9-15 Testing A Duct Smoke Detector **Wiring in Smoke Detector on HVAC Package unit 15 - How Duct Detectors Work - Introduction to Fire Alarms** TRANE VOYAGER NOT COOLING THE OTHER COMPANY COULDN'T FIGURE IT OUT System Test 21: Gamewell M-69!

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How to install hardwired interconnected smoke detector ~~WALK IN FREEZER CALL THAT DID NOT END AS PLANNED DUCT DETECTOR TRIPPED~~ *Smoke Detector Test Wheelock Voice System Test 3: Duct Detector \u0026 BG-10LX* One thing leads to another ~~LATE NIGHT WALK IN FREEZER TRIPPED BREAKER.....~~ Fire alarm design - Duct smoke detector #Firealarm #ductdetector Install SL2000 Air Products and Controls Duct Smoke Detector **System Sensor Convention 4-wire Duct Smoke Detector D4120 Wiring Instructions** *DUCT DETECTORS EXPLAINED* HVAC—~~Webinar: Duct Smoke Detection Back to Basics~~ Installing addressable duct detector on hotel roof. Additionally addressable relay.

Troubleshooting Rtu Duct Smoke Detector. **HVAC -- Webinar: Duct Smoke Detection Back to Basics** **Duct Smoke Detector Installation Guide**
Duct Smoke Detector Installation Guide General Duct smoke detectors provide early detection of smoke in the air moving through heating and ventilation (HVAC) ducts in commercial and industrial premises. Their purpose is to prevent the recirculation of smoke from an area on fire to areas unaffected by the fire. A duct smoke detector comprises a plastic housing with two

Duct Smoke Detector Installation Guide - Safe Fire Direct

1. With power source de-energized and the smoke detector not installed, wire all connections per engineering drawings. Refer to the applicable figures below depending on your duct housing model number.
2. With all wiring in place, install the detector head.
3. Energize the duct detector.

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INSTALLATION INSTRUCTIONS FOR THE DUCT SMOKE DETECTOR

the AD2 Series smoke duct detector should be greater than 0.01 inches of water and less than 1.2 inches of water. 3) Identify a code compliant location (supply or return side, or both) for the installation of the duct unit that will permit easy access for viewing and serviceability. 4) When installing on the return side, install duct units prior

Installation Instructions Models AD2-P, AD2-PR and AD2-XHR

Duct smoke detection may be useful in preventing injury and property damage in instances such as the following: A heating, ventilating, or air conditioning (HVAC) fan motor overheats and resulting smoke is sensed by the duct smoke detector installed in the main supply duct. The duct smoke detector is equipped with an auxiliary relay

Duct Smoke Detectors - System Sensor

2 / 6 P/N 3101210 • REV 02 • ISS 28JAN13. Installation guidelines. To ensure correct operation, install the duct detector using the following guidelines: • Install the duct smoke detector on a flat section of HVAC duct between six and ten duct widths from any bends or obstructions.

E-PDD Duct Smoke Detector Installation Sheet

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be used with new InnovairFlex duct smoke detectors. The sampling tube is always installed with the air inlet holes facing into the air flow. To assist proper installation, the tube's connector is marked with an arrow. Make sure the sampling tube is mounted so that the arrow points into the airflow as shown in Figure 3. Mounting the detector housing in a vertical

INSTALLATION AND MAINTENANCE INSTRUCTIONS

BEFORE INSTALLING Read the System Sensor Guide for Proper Use of Smoke Detectors in Duct Applications(A05-1004), which provides information on detector spacing, placement, zoning, wiring, and special applications.

INSTALLATION AND MAINTENANCE INSTRUCTIONS

and outlet (low pressure) tube for the smoke duct detector should be greater than 0.01 inches of water and less than 1.2 inches of water. 3) Identify a code compliant location (supply or return side, or both) for the installation of the duct unit that will permit easy access for viewing and serviceability.

Installation Instructions Models FDBZ492, FDBZ492-R and ...

Smoke detectors are one of your first defenses to stay safe from fire and reduce damage. When properly installed and maintained, they can alert you to trouble at the first whiff of smoke and reduce the risk of death by half. 1 Below, we share our tips for safely selecting, maintaining, and installing these handy safety devices.

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A Guide to Smoke Detector Installation and Maintenance ...

The duct smoke detector is fitted to the side, the top or the bottom of the ventilation duct and has two tubes which extend into the air duct through holes in the duct wall. The perforated sampling tube which spans the duct is placed in the airflow upstream of the exhaust tube which causes a pressure differential in the duct detector.

53546-022APO - Intelligent Duct Smoke Detector

Installation, Continued Detector/Sensor Replacement To properly remove and replace the detector/sensor to the base (see Figure 1): Remove power from the Duct Detector/Sensor. Loosen the four screws that secure the clear plastic cover to the housing base. Insert a small blade screwdriver into the lock release slot in the base.

SIMPLEX 4098-9685 INSTALLATION INSTRUCTIONS MANUAL Pdf ...

Measure and record the voltage drop across the 1000 Ω resistor (measurement 2). Subtract the voltage recorded in measurement 1 from the voltage recorded in measurement 2. If the difference is greater than 0.15 volts, there is enough air flow through the duct smoke detector for proper operation. Figure 5.

INSTALLATION AND MAINTENANCE INSTRUCTIONS D4120 Air Duct ...

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The duct smoke detector units are designed to operate in duct widths from 6" to 10' wide with an air velocity between 500 to 4,000 feet per minute. To verify correct installation, the pressure differential between the sampling (high side) and exhaust (low side) tubes should be measured using a Magnehelic pressure gauge or equivalent.

AIR PRODUCTS AND CONTROLS INC. INSTALLATION INSTRUCTIONS ...

Read the System Sensor Guide for Proper Use of Smoke Detectors in Duct Applications (A05-1004), which provides detailed information on detector spacing, placement, zoning, wiring, and special applications. Copies of this manual

HONEYWELL D355PL INSTALLATION AND MAINTENANCE INSTRUCTIONS ...

Note: All duct detector models can be tested with actual smoke. Remove the duct detector cover. Test the detector head by lighting a piece of cotton clothesline. and placing it approximately 3 inches from the detector head. Blow across the lit end of the clothesline toward the detector.

INSTALLATION INSTRUCTIONS FOR THE DUCT SMOKE DETECTOR

We will show you how to wire a System Sensor Duct Smoke Detector to a Carrier, Bryant, or ICP furnace and then configure it's communicating Infinity, Evoluti...

Duct Smoke Detector for Infinity, Evolution, or Ion ...

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The Duct Detectors are designed for use in ducts where the air velocities are from 1,000 to 4,000 feet per minute. See Figure 2 for sampling tube orientation to air flow direction. DH-100-P With power source de-energized, wire all connections per instructions on pages 2-3. The wiring access hatch cover can be stored at the top of the unit.

INSTALLATION INSTRUCTIONS: DH-100-P FOUR-WIRE DUCT SMOKE ...
DUCT SMOKE DETECTOR A. DUCT PREPARATION C. SAMPLING TUBE ASSEMBLY(See Figure 2) The Duct Detectors are designed for use in ducts where the air velocities are from 300 to 4000 feet per minute. Verify this by checking specifications of installation and if necessary, use an Alnor Model 6000P velocity meter (or equivalent) to check the air velocity.

INSTALLATION INSTRUCTIONS FOR THE - Fire Alarm Systems
functionality and ease of installation ever available in a duct smoke detector remote accessory. They are compatible with the range of duct smoke detectors as described herein. All MSR-Series remote accessories are compatible with standard Decora style cover plates (base color choice plate included). The MSR-50 Series

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