

Duct Smoke Detector Installation Guide

Duct Smoke Detector for Infinity, Evolution, or Ion Conductance Duct Smoke Detector Simplified Duct
Detector Installation Wiring a HVAC ducted smoke detector-easy 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 Easy HVAC 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 TRANNERS VOYAGER NOT COOLING
THE OTHER COMPANY COULDN'T FIGURE IT OUT System Test 21: Gamewell M-69!

How to install hardwired interconnected smoke detectors in a FREEZER CALL THAT DID NOT
END AS PLANNED DUCT DETECTOR TRIPPED Smoke Detector Test Wheelock Voice
System Test 3: Duct Detector \u0026 On-Calling 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 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
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 ? re to area
unaffected by the ? re. 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
engineering drawings. Refer to the applicable figures below depending on your duct housing
number. 2. With all wiring in place, install the detector head. 3. Energize the duct detector.

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
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
the following: A heating, ventilating, or air conditioning (HVAC) fan motor overheats and results
smoke is sensed by the duct smoke detector installed in the main supply duct. The duct smoke
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
section of HVAC duct between six and ten duct widths from any bends or obstructions.

E-PDD Duct Smoke Detector Installation Sheet

be used with new InnovairFlex duct smoke detectors. The sampling tube is always installed with

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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 air flow 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) 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.

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 the 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 less than 0.15 volts, there is enough air flow through the duct smoke detector for proper operation. 5.

INSTALLATION AND MAINTENANCE INSTRUCTIONS D4120 Air Duct ...

The duct smoke detector units are designed to operate in duct widths from 6" to 10' wide with 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 ...

Read Book Duct Smoke Detector Installation Guide

Note: All duct detector models can be tested with actual smoke. Remove the duct detector cover from 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 Trane furnace and then configure it's communicating Infinity, Evolution, or Ion ...

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

The Duct Detectors are designed for use in ducts where the air velocities are from 1,000 to 1,500 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 hole 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 1,000 to 1,500 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

The MSR-Series remote accessories 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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Duct Smoke Detector Installation Guide - Safe Fire Direct

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

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

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Duct Smoke Detectors - System Sensor

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can 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 air flow as shown in Figure 3. Mounting the detector housing in a vertical

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INSTALLATION AND MAINTENANCE INSTRUCTIONS

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HONEYWELL D355PL INSTALLATION AND MAINTENANCE INSTRUCTIONS ...

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

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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 1,000 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

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