

RE-428DU-C

CONVENTIONAL DUCT OPTICAL SMOKE DETECTOR

General

This Duct detector can be installed on any side of the duct. RE-428DU-C contains an intelligent controlling circuit. The circuit adjusts the sensitivity to give an optimal function throughout the entire life of the detector. Advanced Venturi tube technology with single tube detector. This duct detector housed with the flow optimization and two feet sampling pipe.

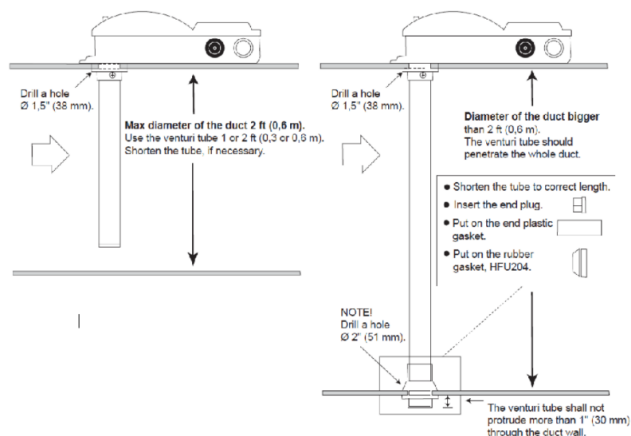
Features

- High efficient single sampling tube.
- Easy to install.
- One-pipe air sampling system.
- Patented venturi pipe and duct housing.
- Test hole on cover.
- Simple installation.
- Simple service and maintenance.

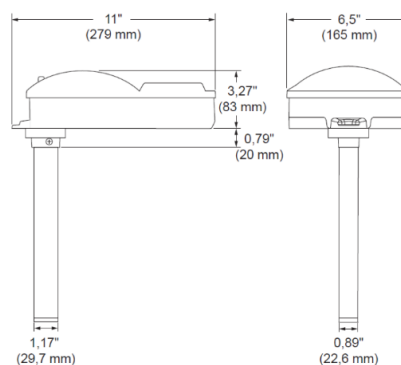


Specification

	Electrical Specification
<i>Operating Voltage</i>	9 ~ 33 VDC
<i>Operating Temperature</i>	-10 – 37.8° C
<i>Storage Temperature</i>	-10 – 60° C
<i>Humidity</i>	0 - 95% RH, non-condensing
<i>Reset Voltage</i>	Less than 1V
<i>Standby Current</i>	50 μ A
<i>Alarm Current</i>	40 mA (max)
<i>Remote Output</i>	15mA maximum open collector
<i>Smoke Sensitivity</i>	(1.96 \pm 0.76) % / ft
<i>Air Velocity</i>	0 – 4000 fpm.
<i>Dimensions</i>	(241 L X 195 W X 68 D) mm
<i>Weight</i>	1.04 kg
<i>Air Sampling Tube</i>	Aluminium (Hole Diameter 1.5" (38 mm)).



DIMENSIONS Inches / (mm)



Terminal Detail

	Green	Yellow	Pink	Red	Black	Blue
	+	-	+	-	+	-
	R.I Output		Zone Output		Zone Input	

Compatible Panel

Model	Description
<i>RE-102</i>	Conventional 2 IDC Fire Alarm Control Panel
<i>RE-104</i>	Conventional 4 IDC Fire Alarm Control Panel
<i>RE-2554</i>	Conventional 4 IDC Fire Alarm Control Panel
<i>RE-2558</i>	Conventional 8 IDC Fire Alarm Control Panel
<i>RE-900 Series</i>	Conventional Fire Alarm Control Panel
<i>RE-25AR</i>	Conventional Agent Release Control Panel
<i>RE-120GR</i>	Conventional Gas Release Control Panel

Ordering Information

Model	Description
RE-428DU-C	Single tube Conventional Duct Detector
RE-428DU-S2	Sampling tube length: 2 ft (0.6 m)

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