

# Adapter for ventilation duct - BWP-143

Interactive fire detection systems

Product datasheet

## Features

- Designed to detect smoke in ventilation ducts
- Alarm indicator visible through the lid
- Reduces dust and other deposits on the detector
- Junction box for easy connection
- Three different standard lengths on sampling tubes

## Description

BWP-143 is designed for early detection of smoke and combustion products in ventilation ducts of commercial and industrial applications.

The principle of operation is based on the Venturi effect. The adapter is mounted on the outside of the duct with the sampling tubes extending into the HVAC duct. Air flowing through the duct will cause a differential pressure across the inlet tube and the exhaust tube. This pressure sets up an airflow through the housing where the airflow is forced to pass the detector head.

All detectors using detector base BWA-100 can be mounted in the adapter.

## Versions

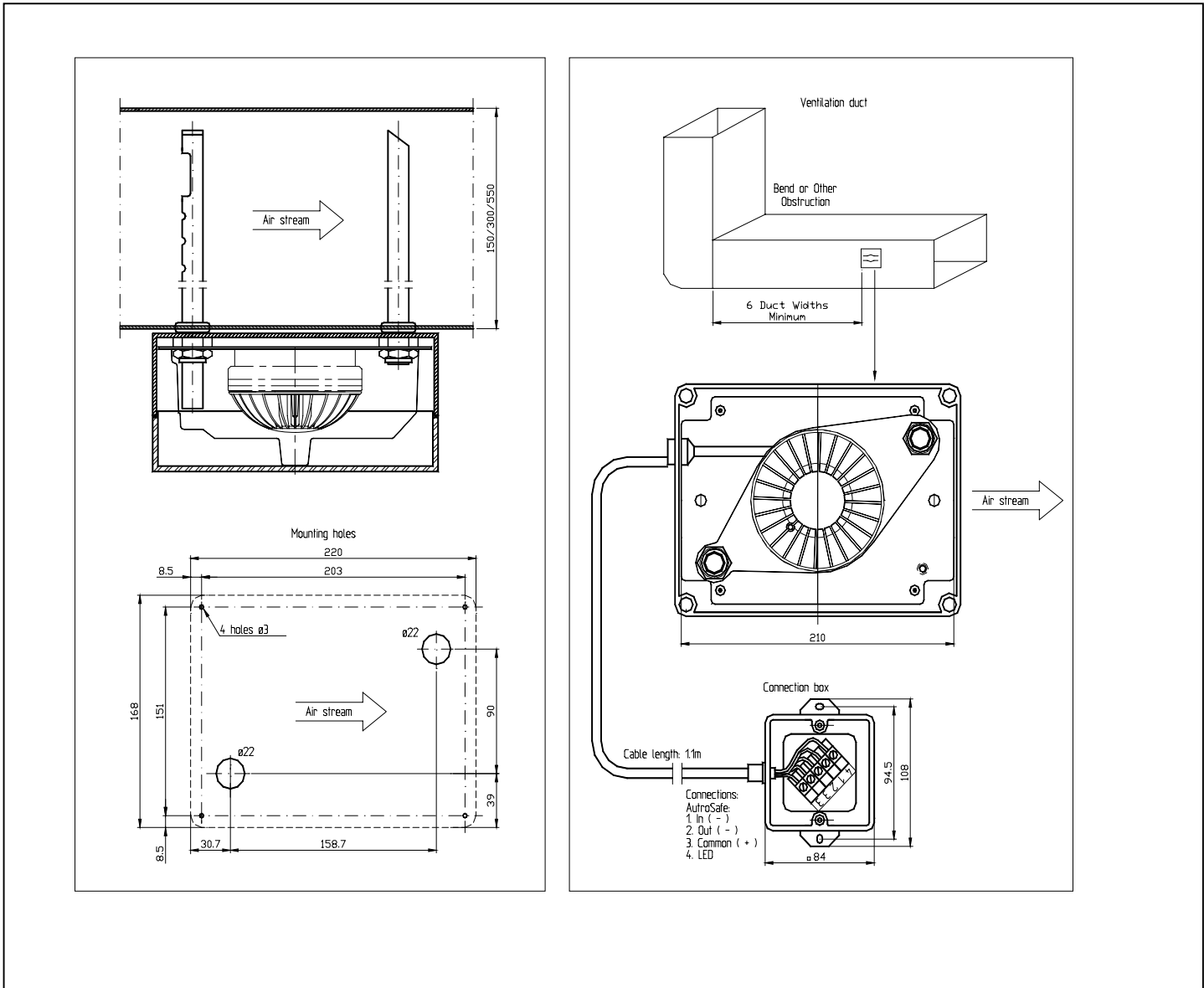
- BWP-143/150: 150 mm pipe length
- BWP-143/300: 300 mm pipe length
- BWP-143/550: 550 mm pipe length



Technical specifications	
Dimensions box	HxWxD = 220x168x108 mm
Weight	
BWP-143/150	1750 g
BWP-143/300	1900 g
BWP-143/550	2100 g
Materials	Polycarbonate / steel
Colour	Light grey / transparent
Air velocity in duct	4-25 m/s
Cable inlets junction box	Membrane glands
Maintenance	Necessary dust cleaning
Service	Replace detector if faulty
Degree of protection	IP55

Part number	Description
116-BWP-143/150	Adapter for ventilation duct, 150 mm pipe length
116-BWP-143/300	Adapter for ventilation duct, 300 mm pipe length
116-BWP-143/550	Adapter for ventilation duct, 550 mm pipe length

**Dimensions and connections**



**AUTRONICA FIRE AND SECURITY AS**

Head office, NO-7483 Trondheim, Norway Tel: +47 73 58 25 00, fax: +47 73 58 25 01, e-mail: info@autronicafire.no  
 Oil and Gas division, Stavanger, Norway Tel: +47 51 84 09 00, fax: +47 51 84 09 99  
 Maritime division, Spikkestad, Norway Tel: +47 31 29 55 00, fax: +47 31 29 55 01

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