

## Features

- Can be equipped with Analogue Addressable or Conventional detector chambers
- One or two detection areas
- Addressable pipes, one detector chamber for each pipe
- Alarm indicator for each pipe
- Optical smoke detection for best all-round performance
- Enhanced or standard sensitivity
- Up to 2x50 metres total pipe length
- Maximum transport time: 120 seconds
- Handles rough environments such as cow sheds, stables, etc.
- Corrosion-proof
- Self-learning air-flow monitoring circuit for easy commissioning and improved reliability
- Fault monitoring of aspirator, dust separator and power supply

## Principle

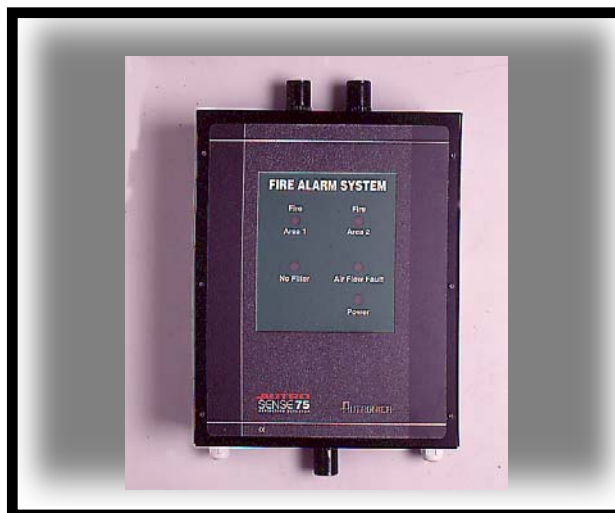
An aspirator collects air samples from the protected area through a pipe system, consisting of one or two 25mm sampling pipes. The air passes through a dust separator before entering the detector chamber(s) equipped with one optical smoke detector for each pipe.

## Indication devices

- Two LED indicators for detector in alarm
- LED indicator for air-flow fault
- LED indicator for missing filter
- LED indicator for normal operation (power)

## Versions

BW-75/ADR for addressable analogue system  
BW-75/ADR/K for addressable analogue system, extra environmentally protected  
BW-75/ADS for addressable analogue system, enhanced sensitivity  
BW-75/ADS/K for addressable analogue system, enhanced sensitivity, extra environmentally protected  
BW-75/KON for conventional system  
BW-75/KON/K for conventional system, extra environmentally protected



## Application

AutoSense 75 is intended for use in corrosive and polluted environments and can be tailored to different applications by equipping the detector with the correct detector chamber(s).

One or two sampling pipes can be connected to the detector. In addressable systems each pipe will have its own address.

In conventional systems both detector chambers will normally be connected to the same detector loop, meaning that both pipes will be in the same detection zone.

Individual indication of zones can be achieved by using two detector loops from panel.

## Applications include:

- Churches
- Warehouses
- Atriums
- Agricultural buildings
- Ships
- Correctional institutions
- etc.

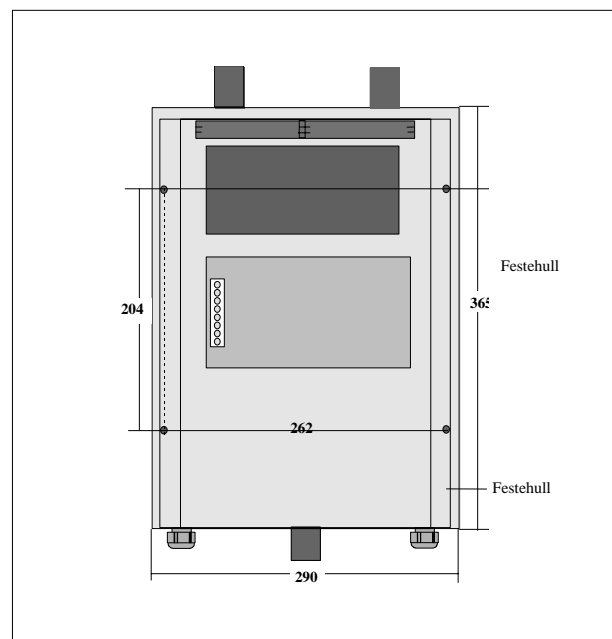
### Technical Specifications

Dimensions	(HxWxD) 365x290x100
Weight	7,5 kg
Materials	Zintec
Colour	Black
Finish	Varnished
Pipe entries	2 x 25 mm
Exhaust outlet	1 x 25 mm
Cable glands	4 x PG 13.5
Operating voltage	24 V DC
Current consumption, nominal	350 mA
Current consumption, detector loop: Conventional detectors	Stand-by: 0.6 mA Alarm: > 35 mA
Addressable detectors	Stand-by: 0.6 mA Signal: 35 mA

Detector sensitivity BH-25 BH-31A BH-31A/S	2 % Obscurity/metre 2 % Obscurity/metre 0.5 % Obscurity/metre
Pipe length	Maximum 2x50 metres
Transport time	Maximum 60 seconds
Degree of protection	IP 44
Working temperature	-30 to + 50 °C
Humidity	93% R.H. non-condensing
Corrosion	EN 60335-1
CE conformance	EN-50130-4, EN 50081-1

Order number	Description	Shipping Weight
<b>BW-75/ADR</b>	Aspiration detector, addressable	9.0 kg
<b>BW-75/ADR/K</b>	Aspiration detector, addressable, extra environmentally protected	9.0 kg
<b>BW-75/ADS</b>	Aspiration detector, addressable, enhanced sensitivity	9.0 kg
<b>BW-75/ADS/K</b>	Aspiration detector, addressable, enhanced sensitivity, extra environmentally protected	9.0 kg
<b>BW-75/KON</b>	Aspiration detector, conventional	9.0 kg
<b>BW-75/KON/K</b>	Aspiration detector, conventional, extra environmentally protected	9.0 kg

### Installation Overview / Wiring



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