AutroGuard Retro

Used as spare part replacement for AutroSafe detectors

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This product contains static-sensitive devices. Avoid any electrostatic discharge.

The WEEE Directive

When the marking below is shown on the product and/or its literature, it means that the product should not be disposed with other household wastes at the end of its life cycle. During waste treatment, disposal and collection, please separate the product from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. This product should not be mixed with other commercial wastes for disposal.

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Autronica Fire and Security AS

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1. Introduction

1.1 Replacement and Compatibility

AutroGuard Retro is a 1:1 replacement for all AutroSafe detectors when replaced with the matching AutroGuard Retro variant. When used with the panel versions below there is no need to change the base, update the firmware or change the configuration.

AutroGuard Retro is compatible with:

- AutroSafe 3 version 3.6 and higher
- AutroSafe 4 all versions
- Autroprime all versions

AutroSafe Detector	AutroGuard Retro Spare part variant
116-BDH-200	116-BDH-200/SPARE
116-BDH-300	116-BDH-300/SPARE
116-BDH-500	116-BDH-500/SPARE
116-BDH-500/EX	116-BDH-500/EX/SPARE
116-BDH-500/N	116-BDH-500/N/SPARE
116-BHH-200	116-BHH-200/SPARE
116-BHH-220	116-BHH-220/SPARE
116-BHH-300	116-BHH-300/SPARE
116-BHH-320	116-BHH-320/SPARE
116-BHH-500	116-BHH-500/SPARE
116-BHH-500/EX	116-BHH-500/EX/SPARE
116-BHH-500/N	116-BHH-500/N/SPARE
116-BHH-500/S	116-BHH-500/S/SPARE
116-BHH-500/S/EX	116-BHH-500/S/EX/SPARE
116-BHH-500/S/N	116-BHH-500/S/N/SPARE
116-BHH-520	116-BHH-520/SPARE
116-BHH-520/EX	116-BHH-520/EX/SPARE
116-BHH-520/N	116-BHH-520/N/SPARE

1.2 Lifetime of AutroGuard Retro

Autronica Fire and Security follow the same strategy for AutroSafe detectors as for most other products, that is minimum 10 years of service and spare parts availability.

AutroGuard Retro is a spare part for AutroSafe detectors, we will as minimum provide spare parts until 2033. There is no current plan for end of life of AutroGuard Retro.

NOTE:
Autronica reserves the right to supply a technological equivalent product based on the general technological market development and raw component availability to maintain the service period.

1.3 The Manual

Ensure that this manual is read and understood before installing/operating/maintaining the equipment.

1.4 Target Audience

The handbook is intended to be used by project engineers and qualified service and technical personnel who are responsible for the installation, commissioning and maintenance.

1.5 Downloading Technical Documents

All relevant technical documents can be downloaded from the Autronica product web at www.product.autronicafire.com/products

2. Replacing AutroSafe detectors installed in standalone bases

- BWA-100 Standard base
- BWA-101 Base with microswitch
- BWA-100/X1 Base with BBR-52 sounder

Recommended solution:
Replace the AutroSafe detector with a matching AutroGuard Retro variant.

3. Replacing AutroSafe detectors installed in conduit boxes

Conduit boxes:

- 116-BWP-100/20
- 116-BWP-100/25
- 116-BWP-100//20/PG16

If an AutroGuard Retro spare part detector is installed with any of the above conduit boxes, the conduit box's ingress protection will be reduced to IP54.

Recommended solution if a reduction of ingress protection to IP54 is acceptable:

- Replace the AutroSafe detector with a matching AutroGuard Retro variant

Recommended solution if ingress protection needs to be more than IP54:

- Replace the conduit box with an AutroGuard variant (BWP-100/20/AG or BWP-100/25/AG), AutroGuard base and AutroGuard detector

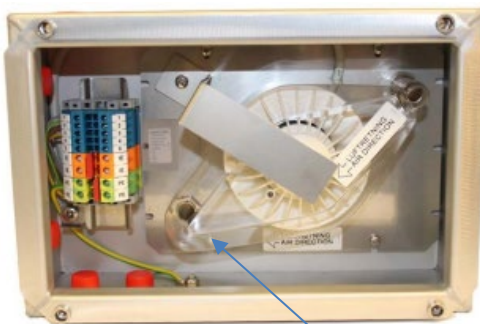# 4. Replacing AutroSafe detectors installed in ventilation duct adapters

Ventilation duct adapters:

- 116-BWP-143A
- 116-BWP-143A-SS

Recommended solution:

- Replace the Airflow Guide in BWP-143A with 116-AIRFLOWGUIDE/AG (5 pack)
- Replace the AutroSafe detector with a matching AutroGuard Retro variant

Airflow Guide

Refer to Mounting instructions 116-P-BWP143ASS/DGB or 116-P-BWP143A/DGB for instructions on placing the airflow guide correctly.

5. Situations where AutroGuard Retro is not suitable as spare part

Examples where AutroGuard Retro **cannot** be used:

- AutroSafe detectors installed in Heat detector bases BWP-145
- AutroSafe detectors installed in Base Adapters 116-BWB-110

Our vision

Zero loss of lives
no injuries or damages caused by fire and gas

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Carrier

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A Carrier Company