Tobacco Smoke Detector ZSSD9
Operating and Installation Instructions

No Smoking Detector containing
• Selective Precision Sensor-Chamber
• Unique VWS Technology (voice warning system) patent applied.

The ZSSD9 Tobacco Smoke Detector anti smoking smoke alarm detects cigarette, cigar and pipe tobacco smoke at an early stage and warns by means of a loud, voice warning announcement by way of example 'This is a no smoking area, please extinguish all smoking materials immediately'. The ZSSD9 Tobacco Smoke Detector smoke detector operates according to the ionisation principle. If the concentration of smoke particles in the enclosure reaches a pre-determined level it will activate the voice waning announcement. This device contains radioactive substances and should be disposed of under instructions from the manufacturer!

Product characteristics:-
Smoke sensing
Every device is separately calibrated in order to avoid false alarms. Tobacco Smoke Detector is designed to detect small amounts of cigarette, cigar or pipe smoke. The device is electronically regulated internally, thereby maintaining a constant sensitivity of the alarm. When Tobacco Smoke Detector detects small amounts of cigarette, cigar or pipe tobacco smoke it will play its announcement message then shut down for 4 minutes after which time it will be ready to activate again.

Signal lamp (LED)
A flashing small light (every 43s) signals that the device is functioning correctly.

Fully automatic test function
Advanced electronics ensure the best possible operating readiness by means of an automatic self-test function.

Battery warning function.
When the battery begins to run low the device will emit a short beep warning sound followed a voice message saying 'My battery is running low replace it with a new battery immediately'. This is repeated every 43 seconds for up to 400 times after which the waning beep will continue to function for up to l month.

Test Button
Momentarily pressing the Test Button will initiate a test sequence. The voice warning announcement will be played. This ensures the smoke detector is working correctly. If at this time the 'Low Battery' voice warning is played the battery is beginning to run low and should be changed as soon as possible.

Voice Warning.
The voice warning system is a unique patented system which is digitally generated and recorded on a proprietary device manufactured for sole use of the ZSSD9 range of devices.

Approved quality
Thoroughly tested to guarantee highest reliability and a long service life. Produced under rigid quality controls. Certified according to the European norm EN ISO 12239 for single smoke detectors. CE and TÜV certified security.

Placement Location
• Should be mounted on the ceiling in areas selected for No Smoking.
• One device for every 65 cubic metres approximately. The minimum requirement for large areas request advice from your product supplier.
• For complicated or extensive properties please request qualified advice from your product supplier.
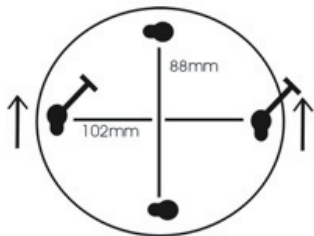Information on fire protection is available at your local Fire Station helpdesk.

The following locations shall be avoided:
• Next to doors, windows, ventilators etc. where draughts can deviate smoke from the sensor.
• In small or poorly ventilated garages or kitchens where waste gas or vapours may cause false alarms.
• In areas where dust and dirt can interfere with the operation or cause false alarms.
• In areas where insects or vermin may effect the integrity of the alarm.
• In damp or humid areas (e.g. in the bathrooms).
• In areas where the temperature may often fall below −5°C or exceed +38°C.

Installation

• Drill two holes either 88 or 102 mm apart where you wish to install the smoke detector. Insert the screws so as to ensure that the device will be firmly attached to the respective surface. Open Carefully open the lid of the smoke detector. Mount the smoke detector on the screws (please make sure that there is a narrow clearance between the screw heads and the underlying surface). Please use the enclosed material (2 screws and 2 plugs).
• Clip the battery lead to the 9V alkaline PP3 battery ensuring the correct polarity and insert the battery in the space provided.
• Insert the CR123A lithium battery into the space provided ensuring the correct polarity. This battery will engage the VWS Technology voice warning system.
• Tighten the mounting screws attaching the device it to the respective surface.
• Carefully close the lid of the device ensuring it is firmly in place.

Check immediately after finishing the installation that the smoke detector works properly by pressing the test button for at least 2 seconds.

Testing the alarm

A flashing LED on the device signals accurate operation.
Pressing the test button for approximately 2 seconds will activate the voice warning announcement. If after the announcement the 'Low Battery' message is played then the battery is beginning to run low and should be changed as soon as possible.

If the announcement   cannot be heard after pressing the button or if the LED does not flash, please do check the following points:

• Is the device damaged?
• Is the device clean? (For your security please vacuum the outside cover regularly to remove dust and dirt.)
• Are the batteries working properly? Are you using the required battery types? Are the batteries connected properly? Replace the batteries if necessary.

If the smoke alarm is still not working, do not attempt to repair it but contact a professional.

False alarms

After every alarm activation ensure the air around the detector is clear and free from further smoke, fan the air around the smoke alarm if necessary, until the alarm turns off. After the alarm the device is immediately ready for operation.

Maintenance

Periodic maintenance contributes to a long service life of the ZSSD9 and ensures a failure-free operation.
• Clean the outside cover with a damp cloth at least every three months (do not use any detergent!).
• Vacuum the outside cover and vents every three month. Never let the vacuum cleaner come in contact with the interior parts of the smoke alarm.
Please note!

The ZSSD9 requires sufficient power to operate.

• Please use the appropriate type of branded batteries, used only 9 volt Alkaline for the smoke detector and CR123A lithium for the VWS voice warning system.
• Please check the polarity of the battery carefully.
• Please verify that the smoke alarm is working properly immediately after replacing the batteries.
• In case of the battery warning signal, replace the smoke detector 9 volt battery immediately. Otherwise please change it at least once a year.

General

Tobacco Smoke Detector will activate the voice warning announcement when it detects cigarette, cigar or pipe smoke. Everything preventing the smoke from reaching the alarm obstructs an early alarm.
A single Tobacco Smoke Detector detector provides only limited coverage and you should consult your supplier if you require large areas of detection.

For your safety !

It is advisable to familiarise your family and yourself about fire safety rules and proper evacuation procedures in the event of a fire!

You may contact your local Fire Officer for advice.

**Remember Smoke and Fire Kills !
(This product is not a Fire Safety product).**

EN ISO 12239
The Manufacturer reserves the right to change the specification without prior notice.
Made in the China.