

# Product Bulletin

## VL Series Filter Replacement Program

March 2020

### Background

From December 2017 to September 2019 the factory used foam in the VL series filter cartridge (VSP-005 and VSP-025) that had the same hole/size specification but measured by a different method than that specified by engineering.

Detectors in the VLP / S / C and VLF series produced from December 2017 until September 2019 (with a pink or purple replacement label) are impacted.

Internal testing has shown that the Filter Cartridge used in these units may load more quickly than intended, especially if the detector has been installed in a dusty environment, and the filter replacement Fault may be delayed. In environments where high dust pollution is commonplace this will reduce the smoke sensitivity if the detector is not correctly maintained.

As a result, and even though no incident or accident has been reported to Xtralis to date, Xtralis has decided to implement the “Filter Replacement Program” outlined in this Product Bulletin.

VESDA detectors use a dual-stage filter cartridge to allow lifetime operation of the detector by removing large particles from entering the detector (Stage 1) and providing a clean air bleed to maintain the optical integrity of the chamber (Stage 2).

Replacing the Filter Cartridge of an affected detector will ensure its long-term operation.

### Affected Products

Filter Cartridges supplied in detectors and Filter Cartridge spares manufactured between December 2017 and September 2019 are subject to this Product Bulletin and summarized in the following table:

Models	Impacted Serial Numbers
VESDA LaserFOCUS (VLF-XXX)	8078529 - 8099721
VESDA LaserPLUS (VLP-XXX) VESDAS LaserSCANNER (VLS-XXX)	8872192 - 7022773
VESDA LaserCOMPACT (VLC-XXX)	8474751 - 8494937
VLM-XXX	8715315 - 8718585
Spares VSP-005 and VSP-025	Filter Cartridges supplied with a Pink or Purple replacement label.  <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid purple; padding: 5px; text-align: center;">                         Install Date  <input style="width: 100%; height: 15px;" type="text"/>                          Replace On  <input style="width: 100%; height: 15px;" type="text"/>                          Re-order No.                          VSP-005                     </div> <div style="border: 1px solid pink; padding: 5px; text-align: center;">                         Install Date  <input style="width: 100%; height: 15px;" type="text"/>                          Replace On  <input style="width: 100%; height: 15px;" type="text"/>                          Re-order No.                          VSP-005                     </div> </div>

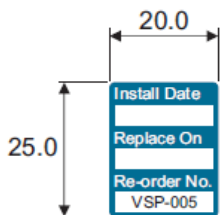
Neither the VLI (VESDA LaserINDUSTRIAL) nor any of the VESDA-E series of detectors (or the filters used in those detectors) are impacted by this notice as they use different filter cartridge technology.

## Pink & Purple Filter Replacement Program

Situation	Summary	Action
Stock	New (unused) filter cartridges held in stock.  VSP-005 VSP-025 (pack of 20)	Xtralis will replace all new (unused) stock items <u>Free of Charge</u> . Please contact your local Sales Order Processing team (details below) and advise the quantity of Filter Cartridges that require replacement. The SOP team will arrange shipping of new Filter Cartridges & return of old filters at no charge to you.
Clean Environments	Environments that are clean and typically use higher levels of air conditioning. E.g. computer rooms and clean rooms.	No immediate action required. Please replace the Filter Cartridge with a New Filter Cartridge at the next service visit.
Standard Environments	Everyday applications. May not have air conditioning. E.g. Office, warehouse, atrium; light industrial.	No immediate action required. Please replace the Filter Cartridge with a New Filter Cartridge at the next service visit.
Dusty Environments	Environments where dust is a by-product of normal operations. E.g. Production facility; paper mill, textile production, warehouse storing dusty materials.	If an impacted Filter Cartridge is installed, replace the Filter Cartridge as soon as possible (at least within the next 2 months) with a New Filter Cartridge. Xtralis will supply New Filter Cartridges for these environments <u>Free of Charge</u> . Please contact your local Sales Order Processing team (details below) and advise the quantity of installed Filter Cartridges; the environment which is being protected and the desired shipping address. The SOP team will arrange shipment of the appropriate Filter Cartridges at no cost to you.

Even if an affected installed detector is smoke tested and the standard detection response operates as intended (i.e. the detector detects smoke and the alarm initiates as intended) Xtralis advises you replace the filter cartridge in accordance with the recommendations in the table above.

“New” Filter Cartridges (supplied from October 2019 onwards) can be easily identified by a BLUE (Pantone 634C) filter replacement sticker located on the front of the filter cartridge.



**Under no circumstances should impacted or used Filter Cartridges be re-used.**

**Please dispose of them responsibly.**

## **Maintenance - Standard Practice Filter Replacement**

Xtralis recommends Filter Cartridges be replaced periodically depending on the environmental condition of the protected environment. Please ensure Filter replacement is part of the standard maintenance cycle of a VESDA detector, even if a Filter Fault condition has not been raised. Please refer to Doc 32694 VESDA Filter Replacement.

Failure to address a Filter Fault will impact the detectors ability to detect smoke. Failure to plan filter cartridge replacement may compromise detector sensitivity.