

PRODUCT NOTICE

Vertex & Vertex M Unused Points

Regions Affected: **GLOBAL**

Dear Customers and Colleagues,

To ensure long-term operability of unused points on Vertex and Vertex M product lines, and eliminate potential secondary effects of Chemcassette™ abrasion, the recommendation from Honeywell® is to **filter unused sample points on Vertex racks**. The Vertex and Vertex M manuals have been revised to clarify this requirement.

Why unused points on Vertex & Vertex M Racks?

Unused sample points should be vented to ambient through a particulate filter to reduce the vacuum levels present on unused points. Unvented high point vacuum levels can hold the Chemcassette to the optics block aperture during tape advance, potentially abrading the Chemcassette as it advances. Fibers and chemistry from the Chemcassette from abrasion can accumulate in the unused point (s) over extended periods that may impact those points being activated at a later date. Abrasion can also lift fibers that could be subsequently introduced into functioning points across the Analyzer possibly contributing to Maintenance Fault 128 (Window Zero Reset), Maintenance Fault 126 (Optics Debris) and potentially concentrations being displayed due to debris and not gas responses.

What is the solution?

The Honeywell® Particulate Filter kit part number **1295A0702** can be installed directly into the Vertex & Vertex M bulkhead fitting, venting the point to atmosphere while ensuring the integrity of the sample point for later use. Following installation of the filters, optics cleaning and Flow characterization/Auto Balance should be performed to address changes in system vacuum levels. It may be required to adjust the system vacuum on the second-generation Vertex racks. If the Analyzers that had points unused and plugged for 8 years or more, please contact your local Honeywell Analytics Service Representative.

The filter replacement schedule will be dependent on the ambient conditions where the product is located. Filter condition can be monitored by observing the point pressure for the unused point and replacing when Point pressure exceeds 2" Hg, or annually.

Correction in Manual

Vertex manual (revision 27) section 2.4.1 has the notation as follows:

‘Unused sample line port(s) should have a particulate filter installed to keep the system clean.’

For the latest manual please visit our website and click the ‘Resources’ tab:

<https://sps.honeywell.com/us/en/products/safety/gas-and-flame-detection/high-tech-and-semiconductor/vertex-multi-point-toxic-gas-monitoring-system>

Regards,
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