Change filter on gas inlet

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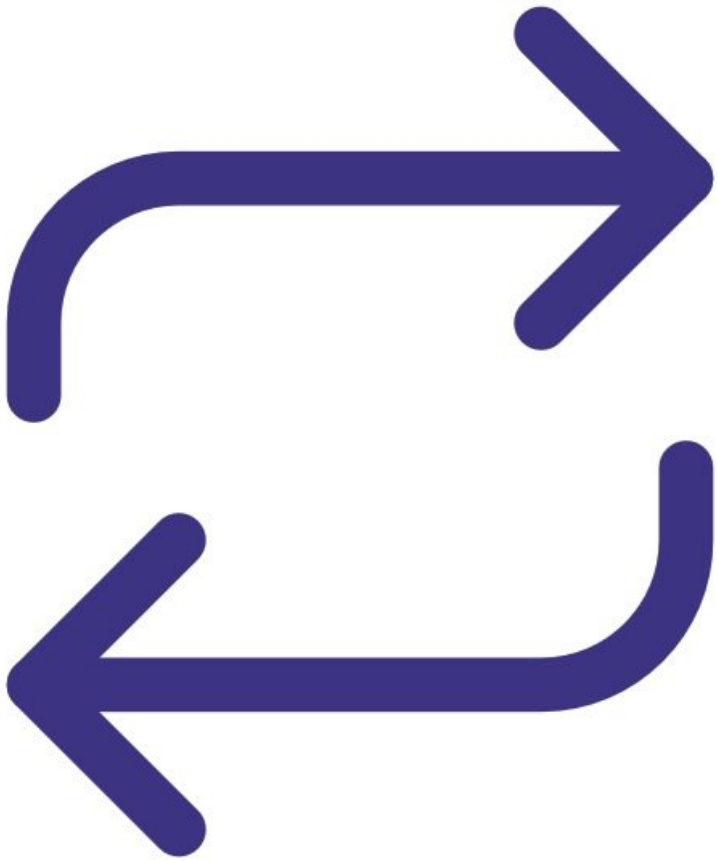

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INTRODUCTION

To understand how often you should perform this service activity, click here.

PARTS:

- Gas inlet filters (1)

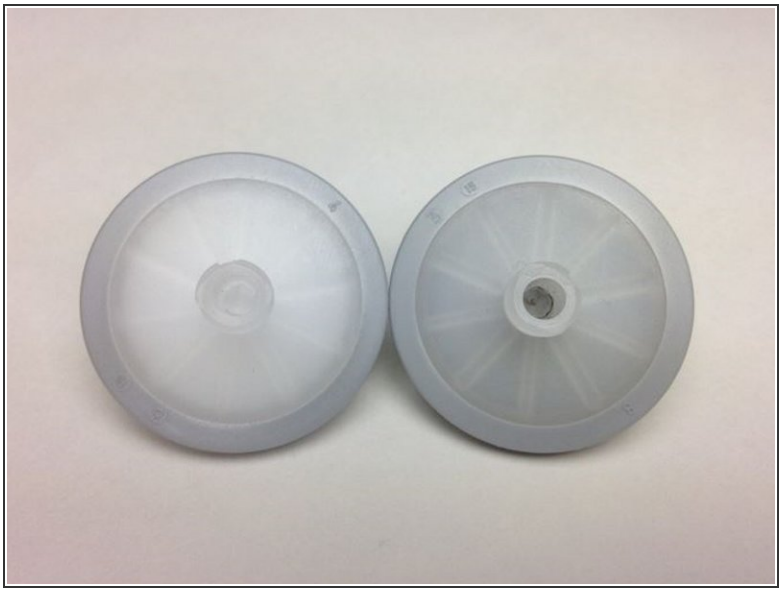
Step 1 — Enter service mode



- Enter service mode so any fluctuations in the data caused from this activity can be excluded from air quality reports.

Step 2 — Purpose of filter

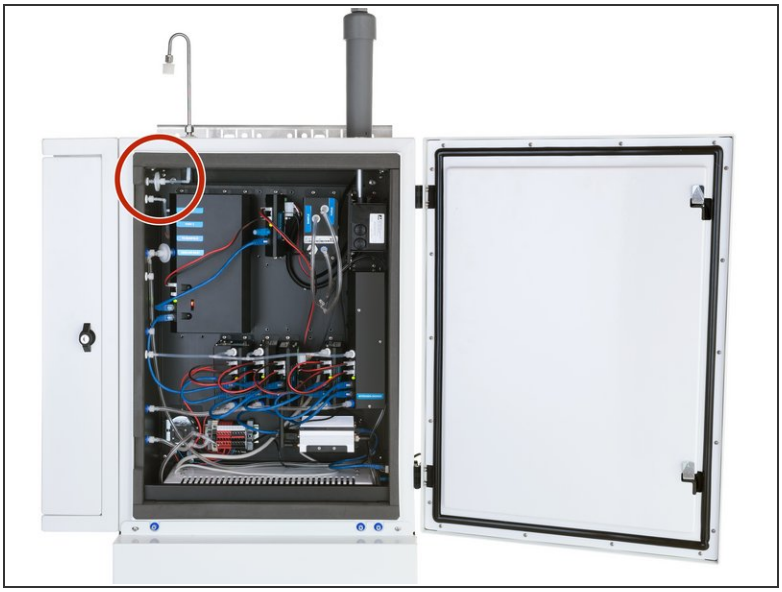


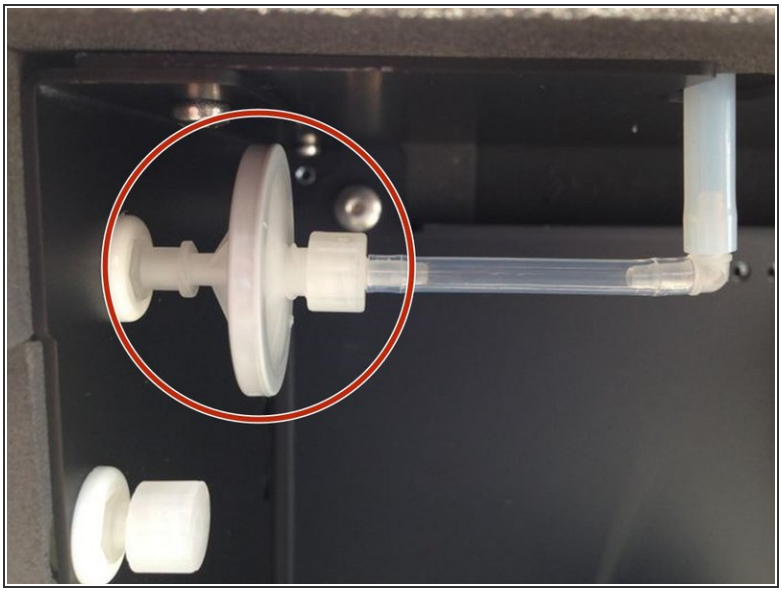


- The gas sample inlet has a disposable 5 µm PTFE filter, which protects the gas sample tubing and sensor modules from excessive contamination (FC FILTER03).
- A clogged filter restricts flow through the gas sampling system. To ensure accurate readings, you need to replace the filter when it gets dirty.
- The second image shows a dirty filter (right) and a new filter (left).

ⓘ **NOTE: The filters used in AQS an AQM instruments must be pre-treated by Aeroqual to minimize the impact on downstream gas modules. DO NOT use any unauthorized filters.**

Step 3 — Replace filter

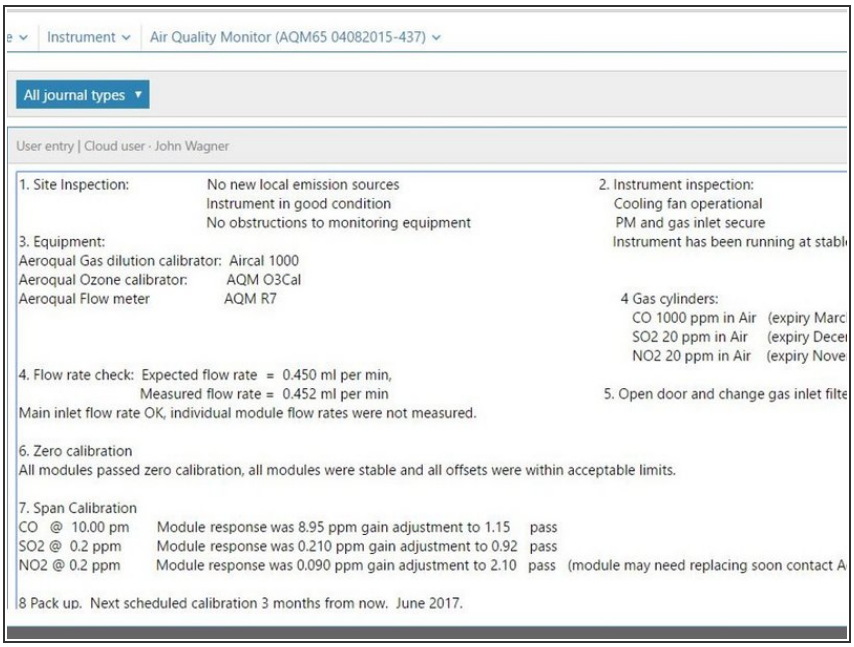




ⓘ Keep your monitor on. You don’t need to turn it off for this procedure.

- Locate the gas inlet filter inside the enclosure at the top left.
- Unscrew the filter from the sample tubing and screw in the new one.
- Throw away the dirty disposable filter.
- Check the inlet flow rate after changing the filter to ensure there are no leaks.

Step 4 — Record in journal



- Record this service activity in the monitor's journal.
- Exit service mode.

Step 5 — Video of steps



- For extra help, watch our video.

For further support, contact Technical Support.