

U-Phos® HiFlo System

Technical Bulletin: PH3 Filter Replacement

Service Frequency: N/A

Replacement: Every 300 hours of operation

1. When replacing the phosphine filter, note that the arrow on the filter must point **downward** when installed. PH3 filter is on the right side.
2. You will need an 11-millimeter wrench and a 19-millimeter wrench for this procedure.
3. Loosen the two nuts securing the filter using the 11-millimeter wrench.
4. Loosen the nut connecting the filter line to the regulator within the block.
5. Once all three nuts are loose, continue loosening the bottom nut and the regulator-side nut by hand while supporting the filter.
6. Remove the line connecting the filter to the regulator. If the filter does not release easily, slightly loosen the top nut further.
7. To reinstall, thread the top of the new filter into the nut connected to the line, ensuring the arrow faces **downward**. (You may need magnifying glass to see arrow orientation on the filter body)
8. Reattach the line between the filter and regulator. PH3 filter is on the right side.
9. Using the 11-millimeter wrench and the 19-millimeter wrench to stabilize the filter body, tighten all fittings to a snug fit, then apply an additional one-quarter turn.
10. If you encounter resistance beyond normal operation or have questions, contact us at bwarren@degeschamerica.com.
11. Section Recap: Ensure the filter arrow faces **downward**, reconnect all lines properly, and tighten to specification.

PH3 Filter (Right)



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