

New .22-micron Filters for phx42

As announced on July 7, 2020, over the course of the last several months, we have determined we could improve the operation of our filter removal detection feature.

We have decided to replace our **1-micron probe tip filters (LDAR#25)** with a newly designed **.22-micron filter (LDAR#4236)**, which looks similar externally, but has an updated label and internal design.

The new **.22 filter** will be an improvement of our current filter in two ways:

1. The additional filtration will make the filter removal detection function in our software much more reliable.
2. We have also redesigned the placement of the pre-filter to enable the filters to distribute the accumulated debris more effectively around the filter surface in a way which extends the life of each probe tip filter.

(Stated another way, the old design allowed contaminants to pile up on the filter in a way which blocks the sample flow quicker than the new design.)

New **.22-micron filters (LDAR#4236)** are currently available at StoreLDAR.com.

Until you're ready to begin using them at your site, we encourage our **phx42** users to continue using two stacked probe tip filters if they want the best filter detection. The additional filter provides the resistance needed in order to effectively identify the vacuum signaling a missing filter. The additional filter is an inconvenience; one which will be short-lived thanks to the arrival of the new **.22 filters**.

If using the **1-micron filter**, please follow these procedures:

Step One	Confirm with Tech Support that your phx42 units have been properly set for two-filter operation.
Step Two	Run a self-check through the phxApp and follow the on-screen prompts for filter setting using two filters .
Daily Routine	Run with two probe filters. There is no need to reset the filters again until you have a troubleshooting issue.
Troubleshooting	<ol style="list-style-type: none">1. If you receive "Feels like you removed my filter" perform a probe integrity inspection and2. Run a self-check through the phxApp and follow the on-screen prompts for filter setting. When prompted, remove BOTH filters at the same time.