

The Sanitary Advantage

Lenticular filters are pre-filters and polishing filters that are designed as an alternative to plate and frame filters commonly used in wineries, breweries, dairy, pharmaceuticals, and petrochem industries. Because they do not suffer from leakage (product loss) that plate and frame filters do, Lenticular filters used in this capacity have a distinct production advantage. And since they are fully enclosed, they provide more hygienic function, as they can be sterilized with steam or hot water for sanitary operation.

Constructed of food-grade 304 or 316L stainless steel, or C-276 Hastelloy, our lenticular filters will provide years of worry-free operation. And as with all of our stainless-steel filters, our lenticular filters are backed by a no-excuse, five-year unlimited warranty against manufacturing defects.

Applications

Our newest line of premium-grade lenticular filters are ideally suited for use in such industries as:

- Wineries
- Breweries
- Dairies
- Beverage
- Pharmaceutical
- Chemical
- Cosmetic
- Biochemical
- Utilities
- Petrochem

Fabrication

The housings have inlet/discharge connections—either sanitary, flange, or stub-end connections—that range from 1" to 3" and are available in with up to 4 modules with either 12" or 16" disks. All stainless steel housings come with a mirror-polished finish of $Ra < 0.4 \mu m$, both internally and externally—far exceeding the 3A Dairy specifications.



Microdyne Products Corp.

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Technical Data

Our lenticular filters are equipped with your choice of inlet and discharge connection types and combinations. For food-grade operation, we fabricate the filters in either 304 or 316L stainless steel, or C-276 Hastelloy, depending on your requirements. They are rated at 115 psi and are mirror polished to Ra < 0.1 μ m.

Model	Inlet/Discharge Size	Connection Type	Module Size	Modules Per Filter
LTF-12-1	1" to 3"	Sanitary, Flange, or Stub-end	12"	1
LTF-12-2	1" to 3"	Sanitary, Flange, or Stub-end	12"	2
LTF-12-3	1" to 3"	Sanitary, Flange, or Stub-end	12"	3
LTF-12-4	1" to 3"	Sanitary, Flange, or Stub-end	12"	4
LTF-16-1	1" to 3"	Sanitary, Flange, or Stub-end	16"	1
LTF-16-2	1" to 3"	Sanitary, Flange, or Stub-end	16"	2
LTF-16-3	1" to 3"	Sanitary, Flange, or Stub-end	16"	3
LTF-16-4	1" to 3"	Sanitary, Flange, or Stub-end	16"	4

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