

Filtro Metallic - Metallic Panel Filters

Filtro Metallic FLA filters are permanent filters with layers of aluminium slit and expanded into mesh of differing densities, encased in an aluminium or galvanized steel frame. FLA9 model filters are washable type panel filters made up of 9 ply aluminium filter media in single layer or two layers, encased in an aluminium or galvanized steel frame. FLA12 model filters follow the similar construction, but use a 12 ply filter media to enhance the filtration and dust holding capacity.

Filtrowin Models

Filtro FLA

Metallic Panel Filters with aluminium slit media
Available in 9 and 12 ply versions

Filtro FLST

Metallic Panel Filters used in grease filtration
Available in aluminium and SS media



Media Features and Technical Details

Filtro FLA

Filters are made up of slit aluminium media in 9 ply or 12 ply. Required layers of media is encased in a metal frame fastened by rivets to make a strong filter. These filters are many time washable and offer a very low pressure drop combined with longer life. Both the models are available in frame depths like 25mm, 48mm, 96mm and in various sizes as per customer's requirement. The filters having 45mm or more depth features a unique style design with an additional metallic spacer between the individual layers of filter media.

Filtro FLST

Filtro Metallic FLST filters are high velocity washable type permanent air filters suitable for HVAC, Kitchen and Grease filtration applications. The filter media used is pleated layers of 14 screen aluminium mesh arranged in multi layers and encased in an aluminium or galvanized steel frame. An additional expanded metal grid on upstream & downstream sides provides media support and strength to the filter. These filters offer very low resistance to the airflow. Complete stainless steel construction model FLSTS is also available as an option. They are fine to use even in very high temperatures since the construction is fully metallic. Filters will have a drain hole to pass the grease collected. All filters are fully cleanable using detergent solutions.

Selection Chart ▼

Models	Nominal Size (mm)	Airflow (CMH)	IPD - Pa (1.75m/s / 2.5m/s)
FLA9-44-1	592 x 592 x 25mm	3400	30 / 45
FLA9-24-1	287 x 592 x 25mm	1700	30 / 45
FLA9-44-2	592 x 592 x 48mm	3400	20 / 32
FLA9-24-2	287 x 592 x 48mm	1700	20 / 32
FLA9-44-4	592 x 592 x 96mm	3400	15 / 25
FLA9-24-4	287 x 592 x 96mm	1700	15 / 25
FLA12-44-1	592 x 592 x 25mm	3400	35 / 50
FLA12-24-1	287 x 592 x 25mm	1700	35 / 50
FLA12-44-2	592 x 592 x 48mm	3400	26 / 38
FLA12-24-2	287 x 592 x 48mm	1700	26 / 38
FLA12-44-4	592 x 592 x 96mm	3400	20 / 30
FLA12-24-4	287 x 592 x 96mm	1700	20 / 30

Models	Nominal Size (mm)	Airflow (CMH)	IPD - Pa (1.75m/s / 2.5m/s)
FLST-44-1	592 x 592 x 25mm	3400	25 / 46
FLST-24-1	287 x 592 x 25mm	1700	25 / 46
FLST-44-2	592 x 592 x 48mm	3400	18 / 25
FLST-24-2	287 x 592 x 48mm	1700	18 / 25
FLST-44-4	592 x 592 x 96mm	3400	12 / 18
FLST-24-4	287 x 592 x 96mm	1700	12 / 18
FLSTS-44-1	592 x 592 x 25mm	3400	25 / 46
FLSTS-24-1	287 x 592 x 25mm	1700	25 / 46
FLSTS-44-2	592 x 592 x 48mm	3400	18 / 25
FLSTS-24-2	287 x 592 x 48mm	1700	18 / 25
FLSTS-44-4	592 x 592 x 96mm	3400	12 / 18
FLSTS-24-4	287 x 592 x 96mm	1700	12 / 18

● Recommended Final Resistance : 175 Pa

● Maximum Pressure Drop - 400 Pa

● Contact factory for non-standard dimensions

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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