

## Aero Metallic - Metallic Panel Filters

Filtro Metallic ALA filters are permanent filters with layers of aluminium slit and expanded into mesh of differing densities, encased in an aluminium or galvanized steel frame. ALA9 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. ALA12 model filters follow the similar construction, but use a 12 ply filter media to enhance the filtration and dust holding capacity.

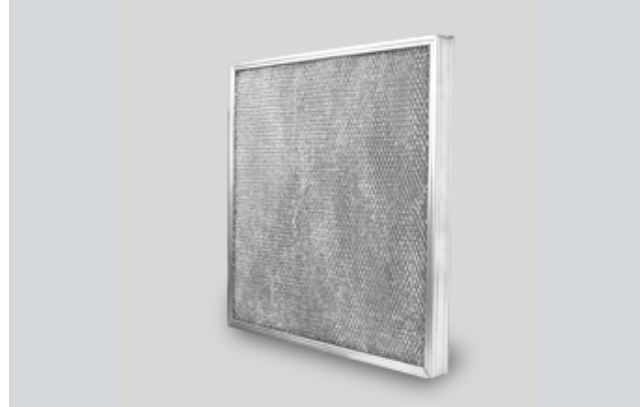
### Aerofil Models

#### Aero ALA

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

#### Aero ALST

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



### Media Features and Technical Details

#### Aero ALA

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.

#### Aero ALST

Filtro Metallic ALST 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 ALSTS 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)
ALA9-44-1	592 x 592 x 25mm	3400	30 / 45
ALA9-24-1	287 x 592 x 25mm	1700	30 / 45
ALA9-44-2	592 x 592 x 48mm	3400	20 / 32
ALA9-24-2	287 x 592 x 48mm	1700	20 / 32
ALA9-44-4	592 x 592 x 96mm	3400	15 / 25
ALA9-24-4	287 x 592 x 96mm	1700	15 / 25
ALA12-44-1	592 x 592 x 25mm	3400	35 / 50
ALA12-24-1	287 x 592 x 25mm	1700	35 / 50
ALA12-44-2	592 x 592 x 48mm	3400	26 / 38
ALA12-24-2	287 x 592 x 48mm	1700	26 / 38
ALA12-44-4	592 x 592 x 96mm	3400	20 / 30
ALA12-24-4	287 x 592 x 96mm	1700	20 / 30

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

© Copyright: Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. We assume no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.

