

CLAIRO METALLIC (Permanent metallic filters)

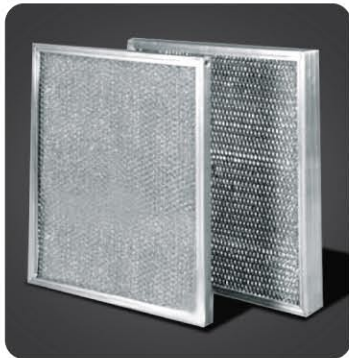
CLAIRO-ALUM filters are permanent filters with layers of aluminium slit and expanded into mesh of differing densities, encased in an aluminium or galvanized steel frame.

CLA9 model Clairo-Alum 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.

CLA12 model filters follow the similar construction, but use a 12 ply filter media to enhance the filtration and dust holding capacity.

Both the models are available in frame depths like 1", 2", 4" and in various sizes as per the customer's requirement. The filters having 2" or more depth features a unique style design with an additional metallic spacer between the individual layers of filter media to increase the dust holding capacity, better air flow and longer service life

Model : CLA



Model	Filter Size (Inches)	Arrestance	Resistance (Inch. WG)	
			350 FPM	500 FPM
CLA9	24 X 24 X 1	62%	0.04	0.085
CLA9	12 X 24 X 1	62%	0.04	0.085
CLA9	24 X 24 X 2	81.30%	0.06	0.125
CLA9	12 X 24 X 2	81.30%	0.06	0.125
CLA12	24 X 24 X 1	71.50%	0.045	0.095
CLA12	12 X 24 X 1	71.50%	0.045	0.095
Recommended Final Resistance - 0.50" WG				

CLAIRO DEMISTER filters are high velocity washable type permanent panel filters suitable for particulate filtration and for eliminating oil or water mist from the air stream. The media used is alternate layers of flat and herring-bone-crimp 18 mesh screen made up of galvanized steel, aluminium or stainless steel which offers efficiency over 90% on coarse particles of size 10µ or more. The internal steel rods give additional strength to the filters. Drain holes are provided for grease collection and easy cleaning of filters. The encasing frames are made up of 16 or 18 gauge galvanized steel or stainless steel depends on the application.

Model : CLVF



Model	Filter Size (Inches)	Efficiency grade - CEN	Resistance (Inch. WG)	
			350 FPM	500 FPM
CLVF1	24 X 24 X 1	G2	0.05	0.95
CLVF1	12 X 24 X 1	G2	0.05	0.95
CLVF2	24 X 24 X 2	G2	0.06	0.12
CLVF2	12 X 24 X 2	G2	0.06	0.12
CLVF4	24 X 24 X 4	G3	0.12	0.23
CLVF4	12 X 24 X 4	G3	0.12	0.23
Recommended Final Resistance - 0.50" WG				

CLAIRO MESH filters are high velocity washable type permanent air filters suitable for HVAC and Grease filtration applications. The 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 and down stream sides provides media support and strength to the filter. These filters offer very low resistance to the airflow. Complete stainless steel construction is also available as an option.

Model : CLST



Model	Filter Size (Inches)	Efficiency grade - CEN	Resistance (Inch. WG)	
			350 FPM	500 FPM
CLST1	24 X 24 X 1	G2	0.04	0.07
CLST1	12 X 24 X 1	G2	0.04	0.07
CLST2	24 X 24 X 2	G2	0.05	0.10
CLST2	12 X 24 X 2	G2	0.05	0.10
CLST4	24 X 24 X 4	G2	0.09	0.18
CLST4	12 X 24 X 4	G2	0.09	0.18
Recommended Final Resistance - 0.50" WG				