Clairo Cell V - XL - Mini Pleat Compact Pocket Filters

CLAIRO CELL V - XL, the high efficiency Mini-Pleat compact filters made up of micro-fine glass fiber media are available in a wide range of efficiencies from M6 to E12 (65% to 99.9%+). CLAIRO CELL V - XL / XXL are designed to use in HVAC installations where highest degree of air cleanliness is required. The co mpact design, larger surface area and low initial resistance made it an Ideal alternative to ordinary Bag filters & Box type filters of the similar efficiencies. CLAIRO CELL V - XXL models are available with high burst resistance, low pressure drop and high dust holding capacity for extreme operating conditions like Gas turbine air intake fine filtration etc.

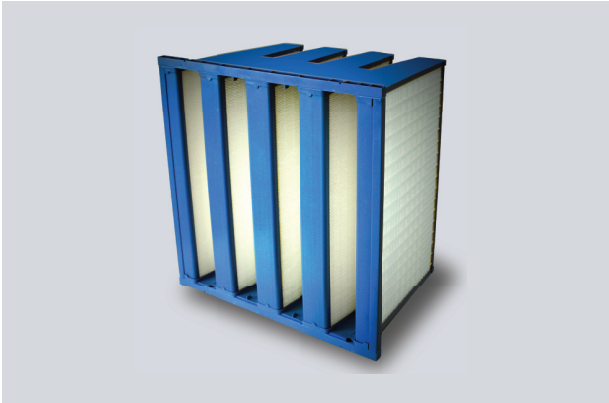
Clairon Models

Clairo Cell V - XL

Minipleat Compact Filters in plastic frame with 400mm depth
Available in 20 and 25mm headers

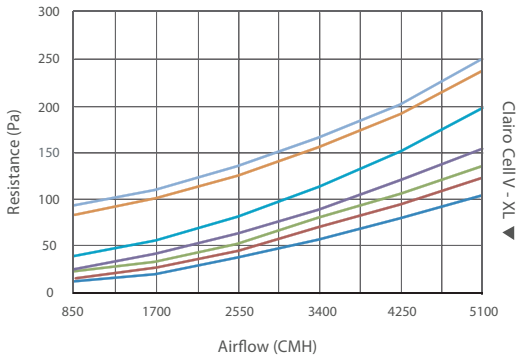
Clairo Cell V - XXL

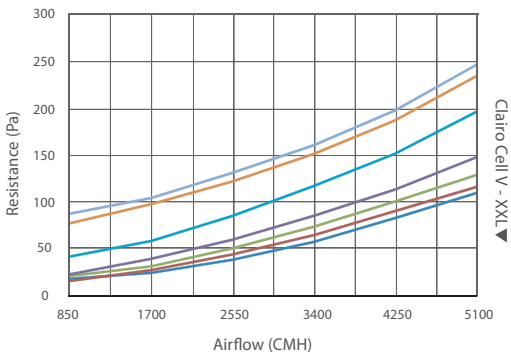
Minipleat Compact Filters in plastic frame with 430mm depth
Available in 20 and 25mm headers



Media Features and Technical Details

CLAIRO CELL V - XL / XXL filters are made up of water resistant micro-fine glass fiber filter media, closely pleated and separated by continuous thermo-plas tic bead separators. The Mini-Pleated media packs are arranged in a perfect V design and sealed to the enclosing frame.
The VGT model filters utilizes a special grade media offering very high dust holding capacity and the mini-pleat packs are backed with an additional plast ic grid support for each media panel to ensure protection during operation at harsh conditions. Fully Potted versions are also available. Filters are absolut ely metal free and so are incinerable and environmentally freindly. Filters can also be made in Reverse flow design. These filters offers very high burst pre ssure, hence ideal for extreme operating conditions like Gas turbine air intake applications.





Selection Chart ▼

ASHRAE 52.2 / EN 779 : 1822	Arrestance (%)	HVAC Model	GT Model	Size (mm)	Rated Airflow (CMH)			Initial Resistance (Pa)		
					@2.54 m/s	@3.17 m/s	@3.8 m/s	@2.54 m/s	@3.17 m/s	@3.8 m/s
---------- / E12	100	CVGXL12-44-16	CVGTXL12-44-16	Size: 592 x 592 x 400	3400	4250	5100	165	200	250
MERV 16 / E11	100	CVGXL11-44-16	CVGTXL11-44-16	Size: 592 x 592 x 400	3400	4250	5100	155	190	240
MERV 16 / E10	100	CVGXL10-44-16	CVGTXL10-44-16	Size: 592 x 592 x 400	3400	4250	5100	118	155	200
MERV 15 / F9	99.9	CVGXL9-44-16	CVGTXL9-44-16	Size: 592 x 592 x 400	3400	4250	5100	88	125	155
MERV 14 / F8	99.9	CVGXL8-44-16	CVGTXL8-44-16	Size: 592 x 592 x 400	3400	4250	5100	83	110	130
MERV 13 / F7	99	CVGXL7-44-16	CVGTXL7-44-16	Size: 592 x 592 x 400	3400	4250	5100	78	100	125
MERV 11 / M6	98	CVGXL6-44-16	CVGTXL6-44-16	Size: 592 x 592 x 400	3400	4250	5100	63	90	130
---------- / E12	100	CVGXXL12-44-17	CVGTXXL12-44-17	Size: 592 x 592 x 430	3400	4250	5100	160	195	245
MERV 16 / E11	100	CVGXXL11-44-17	CVGTXXL11-44-17	Size: 592 x 592 x 430	3400	4250	5100	150	185	235
MERV 16 / E10	100	CVGXXL10-44-17	CVGTXXL10-44-17	Size: 592 x 592 x 430	3400	4250	5100	115	150	195
MERV 15 / F9	99.9	CVGXXL9-44-17	CVGTXXL9-44-17	Size: 592 x 592 x 430	3400	4250	5100	85	120	150
MERV 14 / F8	99.9	CVGXXL8-44-17	CVGTXXL8-44-17	Size: 592 x 592 x 430	3400	4250	5100	80	105	125
MERV 13 / F7	99	CVGXXL7-44-17	CVGTXXL7-44-17	Size: 592 x 592 x 430	3400	4250	5100	75	95	120
MERV 11 / M6	98	CVGXXL6-44-17	CVGTXXL6-44-17	Size: 592 x 592 x 430	3400	4250	5100	60	85	115

● Final Resistance : 635 Pa ● Burst Pressure : 7600 Pa ● Temperature : 80 ° C ● Filters with face area 287 x 592mm operates at 60% of above airvolume

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.