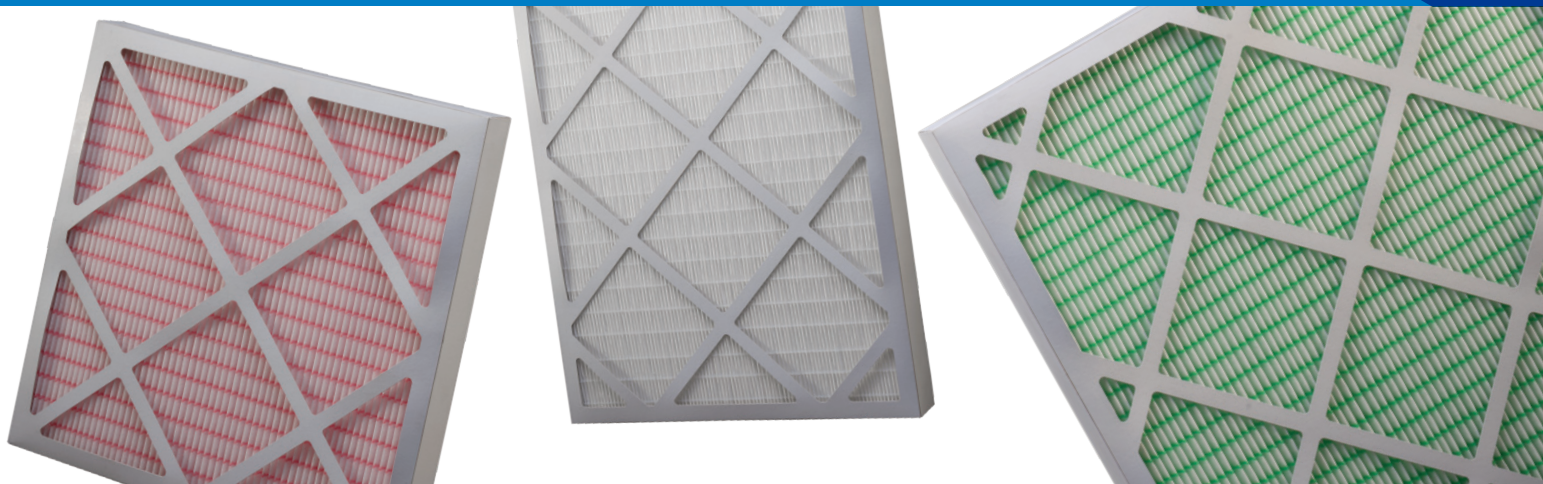


LONGAR™ TYPE 21

Compact Mini Pleat Panel Filter



LONGAR™ TYPE 21 FEATURES

- M6 to F9 grades EN779:2012.
- Choice of card case /galvanised steel/stainless steel.
- Strong, robust construction.
- Extended surface area means increase airflow.
- High dust holding capacity.
- Micro fine glass fibres.
- High compressive strength in the airflow direction

APPLICATIONS

- Pharmaceutical
- Hotels
- Offices
- Food Industry
- Data Centres
- Hospitals

LONGAR™ TYPE 21 COMPACT CELL PANEL FILTER

Compact cell filters are used in a variety of HEVAC applications where a medium to high level of filtration as well as a good dust holding capacity. They offer a stronger alternative to Bag Filters and are ideally suited to applications where depth is limited and airflows are high.

FITTING INSTRUCTIONS

- When fitting products observe the direction of airflow indicator.

HANDLING

- Handle with care when packing.
- Store in a dry and frost protected area.

MAINTENANCE

- All Maintenance and replacement schedules will be set by the original equipment installer.
- When handling any components suitable PPE should be used – gloves, eye protection and access equipment should be used where required.
- Filters should not be cleaned but replaced when required in accordance with maintenance schedule set by the installation contractor.

PACKAGING

All Filters are packaged in double wall boxes, glued closed for protection whilst in transit against contamination.

CONSTRUCTION/MATERIAL SPECIFICATIONS

Available with either a metal frame or card case. The pleated media is made from water resistant micro-fibre media pleated and separated by thermos plastic separators, that are fire retardant to class I FR and pleated to 45 Pleats per foot..Optional foam gasket seal available.

- Temperature resistant up to 80°C.
- Meets DIN53438-3 fire class IFR.
- Humidity resistant up to 100% R.H.
- Metal or card frame availability.
- Tested according to EN779:2012.

LONGAR™ TYPE 21

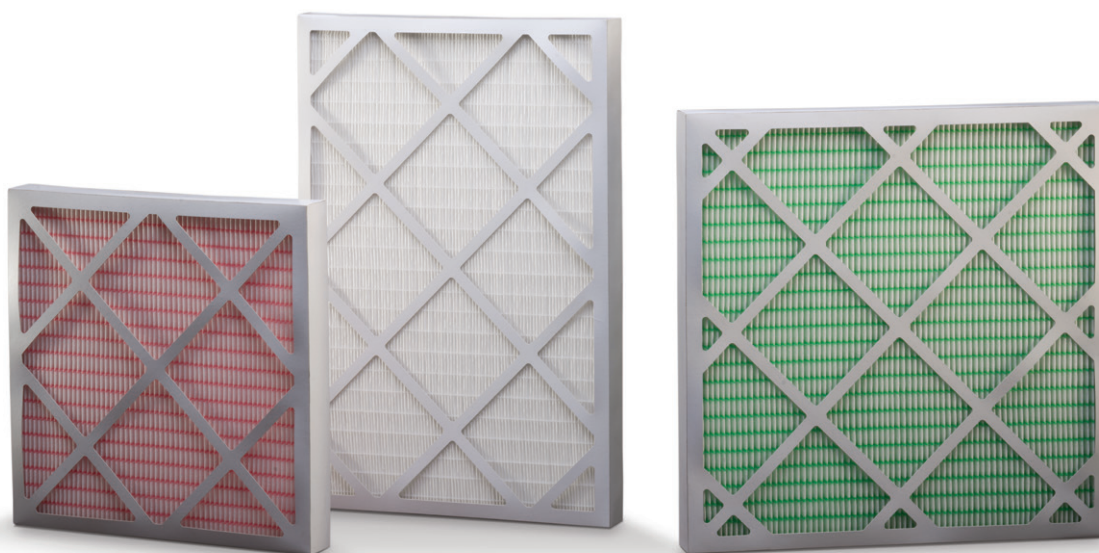
Compact Mini Pleat Panel Filter

FILTER PERFORMANCE

FILTER SIZE	Pressure Drop (Pascals) to Airflow (M ³ /hour)											
	Airflow (M ³ /hour)			F6 Grade 65% MERV 11			F7 Grade 85% MERV 13			F9 Grade 95% MERV 15		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
592x592x96mm	1700	2550	3400	36	58	89	46	76	114	71	119	173
592x292x96mm	850	1275	1700	36	58	89	46	76	114	71	119	173
592x490x96mm	1400	2100	2800	36	58	89	46	76	114	71	119	173
592x1200x96mm	3400	5100	6800	36	58	89	46	76	114	71	119	173
592x592x48mm	1700	2550	3400	38	66	109	64	114	183	86	155	236
592x292x48mm	850	1275	1700	38	66	109	64	114	183	86	155	236
592x490x48mm	1400	2100	2800	38	66	109	64	114	183	86	155	236
592x1200x48mm	3400	5100	6800	38	66	109	64	114	183	86	155	236
592x592x24mm	1700	2550	3400	79	140	226	147	N/A	N/A	175	N/A	N/A
592x292x24mm	850	1275	1700	79	140	226	147	N/A	N/A	175	N/A	N/A
592x490x24mm	1400	2100	2800	79	140	226	147	N/A	N/A	175	N/A	N/A
592x1200x24mm	3400	5100	6800	79	140	226	147	N/A	N/A	175	N/A	N/A

Recommended final resistance: 375 Pa

Maximum pressure drop: 450 Pa



LONGAR INDUSTRIES

FILTER AND FABRICATIONS FOR A CLEANER ENVIRONMENT

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As part of our program for continuous improvement, Longar Ltd reserves the right to change specifications without notice. 13-02-2020.