

LONGAR® Type I5

Rigid Compact Filters



LONGAR® TYPE I5 FEATURES:

- High efficiency mini pleat, glass fibre media, large face area, low pressure.
- Efficiencies available F6, F7 & F9.
- Nominal air flow up to 4250m³/h per cell.
- Water resistant micro fine glass fibre paper – no paper loss.
- Strong, robust construction, bursting pressure 3500PA.
- High dust performance.
- Rigid construction with fully sealed mini pleat packs.
- Tested to Ashrae 52.2 / EN779 2012.
- Fire requirements to DIN 53438-3 (F1).
- 20mm header frame.

APPLICATIONS

- Offices, hospitals, computer data centres
- Pharmaceutical industry, fine mechanics and food industry
- Pre-filtration, e.g. for HEPA filters
- Air handling units

LONGAR® TYPE I5 RIGID COMPACT FILTERS

The Type I5 is the culmination of many years of R&D. High efficiency mini pleat compact filter made up of micro fine glass media in efficiencies ranging from F6, F7 & F9. Designed to be used in HEVAC installations where the highest level of cleanliness is required. Compact design, large surface area and low initial resistance make them an ideal alternative to ordinary bag filters. Also the Type I5 Rigid Bags have very high burst pressure for extreme operating conditions like gas turbine etc.

CONSTRUCTION / MATERIAL SPECIFICATIONS

Manufactured to exacting standards, water resistant micro fine glass fibre filter media, closely pleated and separated by continuous plastic bead separators. The design accommodates a large quantity of filter media which offers a longer service life at a lower pressure drop to conventional bag filters. The mini pleat pack is sealed into the frame, filters are metal free so can be incinerated and environmentally friendly.

FITTING INSTRUCTIONS

- Fit products, observe direction of airflow indicator

HANDLING

- Handle with care when unpacking.
- Store in dry and frost protected place.

MAINTENANCE

- All maintenance and replacement schedules will be set by the original equipment installer. Please refer to this for more information.
- 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 units are packaged in double wall boxes glued closed for protection whilst in transit against contamination.

For technical specifications, part numbers and ordering information, please see overleaf.

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TECHNICAL SPECIFICATIONS

SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)						
Part Number	Height	Width	Depth	Header	Weight	Efficiency
BAGF6RPAC592592290/20	592mm	592mm	292mm	20mm	5.39kgs	F6
	23.31"	23.31"	11.50"	0.79"	11.86lbs	
BAGF6RPAC592490290/20	592mm	490mm	292mm	20mm	4.66kgs	F6
	23.31"	19.29"	11.50"	0.79"	10.25lbs	
BAGF6RPAC592287290/20	592mm	287mm	292mm	20mm	2.83kgs	F6
	23.31"	11.30"	11.50"	0.79"	6.23lbs	
BAGF7RPAC592592290/20	592mm	592mm	292mm	20mm	5.40kgs	F7
	23.31"	23.31"	11.50"	0.79"	11.88lbs	
BAGF7RPAC592490290/20	592mm	490mm	292mm	20mm	4.60kgs	F7
	23.31"	19.29"	11.50"	0.79"	10.27lbs	
BAGF7RPAC592287290/20	592mm	287mm	292mm	20mm	2.97kgs	F7
	23.31"	11.30"	11.50"	0.79"	6.53lbs	
BAGF9RPAC592592290/20	592mm	592mm	292mm	20mm	5.41kgs	F9
	23.31"	23.31"	11.50"	0.79"	11.90lbs	
BAGF9RPAC592490290/20	592mm	490mm	292mm	20mm	4.61kgs	F9
	23.31"	19.29"	11.50"	0.79"	10.14lbs	
BAGF9RPAC592287290/20	592mm	287mm	292mm	20mm	2.83kgs	F9
	23.31"	11.30"	11.50"	0.79"	6.23lbs	
FINAL RECOMMENDED PRESSURE LOSS: 600 PASCALS						

Pressure drop and airflow information available on request.



LONGAR INDUSTRIES

FILTERS 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. 15-01-2016.