LONGAR® Type 14
Medium & High Efficiency Bag Filters

LONGAR® TYPE 14 FEATURES:
- Synthetic media, multi pocket construction.
- We use welding for a perfect airtight seal, coupled with high standard aesthetics.
- Available G4 to F9 Filter Class to EN779 – 2012.
- Strong CNC metal header construction, perfect square header frames.
- Standard & custom sizes available.
- Strong, robust construction.
- Stock sizes of product are laser part marked on standard sizes for identification.
- Custom header depth and stainless steel available on request.

APPLICATIONS
- For fine dust filtration in heating ventilation, air conditioning devices and plants of all kinds
- Offices, hospitals, public buildings, retail outlets
- Pharmaceutical, mechanical and food industries

LONGAR® TYPE 14 BAG FILTERS
The LONGAR® Type 14 Multi pocket bag filter is manufactured using technology found on high end products. When comparing our bag filter with other products, the Type 14 stands out with:
- Ultrasonic bonding around the entire pocket, this gives maximum strength under heavy dirt loading conditions.
- Filter media is available in G4, F5, F6, F7, F8, F9.
- Our pocket lines stop short of the header to produce an open entry shape of each individual pocket within the filter construction.
- Type 14 offers pockets that inflate and remain separated from adjacent pockets to maximise evenly distributed air flow throughout the whole filter construction resulting in increased efficiency, coupled with high dust holding capacity.

CONSTRUCTION / MATERIAL SPECIFICATIONS
Synthetic pockets are manufactured using advanced technology in a fully automated assembly line enabling maximum performance. The filter pockets are constructed of high quality synthetic media and then welded closed to provide an air tight seal far superior to stitching. We hold the product in standard sizes ex stock in a number of efficiencies; we are also able to manufacture custom sizes in five working days.

LONGAR® TYPE 14 IMPREGNATED CARBON BAG FILTERS
For less demanding situations the use of impregnated media can be considered. They utilise non-woven synthetic media, which is then impregnated with activated carbon. They offer an alternative to our granular carbon systems however they cannot offer either the life span or dwell time that can be found with the rest of the range.

APPLICATIONS
- For separation of gaseous odorant and harmful substances in supply air and circulating air in air conditioning plants.
- Museums, libraries, airports, hospitals.
- Pharmaceutical industry, fine mechanics, cellulose and paper industry.
- Commercial catering light duty.

FITTING INSTRUCTIONS
- Fit products, observe direction of airflow indicator.
- Fit filter with pockets vertically as photo above.

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

- Tested to EN779:2012
- Fully recyclable
- Filter operational temperature up to 80°
- High dust holding capacity

SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)						
Part Number	Height	Width	Depth	Header*	Available Efficiencies*	Available Pockets Options*
BAG592287300	592mm	287mm	300mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	3, 4
	23.31"	11.30"	11.81"	0.79" / 0.98"		
BAG592287380	592mm	287mm	380mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	3, 4
	23.31"	11.30"	14.96"	0.79" / 0.98"		
BAG592287496	592mm	287mm	496mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	3, 4
	23.31"	11.30"	19.53"	0.79" / 0.98"		
BAG592287550	592mm	287mm	550mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	3, 4
	23.31"	11.30"	21.65"	0.79" / 0.98"		
BAG592287596	592mm	287mm	596mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	3, 4
	23.31"	11.30"	23.46"	0.79" / 0.98"		
BAG592492300	592mm	492mm	300mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	5, 6, 8
	23.31"	19.37"	11.81"	0.79" / 0.98"		
BAG592492380	592mm	492mm	380mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	5, 6, 8
	23.31"	19.37"	14.96"	0.79" / 0.98"		
BAG592492496	592mm	492mm	496mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated	5, 6, 8
	23.31"	19.37"	19.53"	0.79" / 0.98"		
BAG592492550	592mm	492mm	550mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	5, 6, 8
	23.31"	19.37"	21.65"	0.79" / 0.98"		
BAG592492596	592mm	492mm	596mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	5, 6, 8
	23.31"	19.37"	23.46"	0.79" / 0.98"		
BAG592592300	592mm	592mm	300mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	6, 8, 10
	23.31"	23.31"	11.81"	0.79" / 0.98"		
BAG592592380	592mm	592mm	380mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	6, 8, 10
	23.31"	23.31"	14.96"	0.79" / 0.98"		
BAG592592496	592mm	592mm	496mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	6, 8, 10
	23.31"	23.31"	19.53"	0.79" / 0.98"		
BAG592592550	592mm	592mm	550mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	6, 8, 10
	23.31"	23.31"	21.65"	0.79" / 0.98"		
BAG592592596	592mm	592mm	596mm	20mm / 25mm	G4, F5, F6, F7, F8, F9, (Carbon Impregnated)	6, 8, 10
	23.31"	23.31"	23.46"	0.79" / 0.98"		
FINAL RECOMMENDED PRESSURE LOSS: 400 PASCALS						

Pressure drop and airflow information available on request.

- *Efficiency, header size and quantity of pockets required to be confirmed at a time of ordering.

LONGAR INDUSTRIES

FILTERS AND FABRICATIONS FOR A CLEANER ENVIRONMENT

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