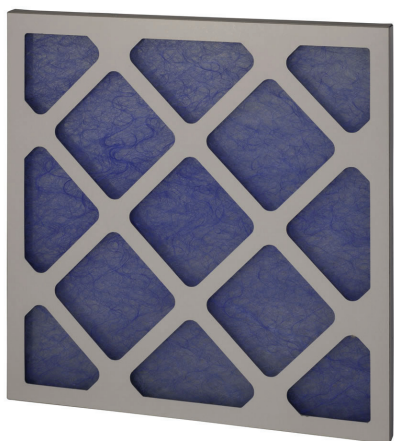


LONGAR® Type 13

Glass Panel Filters



LONGAR® TYPE 13 FEATURES:

- Moisture resistant cardboard frame.
- G2/G3 Filter Class to EN779 - 2012
- Two piece construction.
- Strong, robust construction.
- Dimensions of product are etched into frame for positive ID.

APPLICATIONS

- Pre-filtration
- Air conditioning in offices, schools
- Hospitals
- Spray booth ventilation

LONGAR® TYPE 13 GLASS PANEL FILTER

For use within general HEVAC systems, where G2/G3 filtration is required. Provides primary contamination control and extends the installed life of more expensive medium to high efficiency filters.

CONSTRUCTION / MATERIAL SPECIFICATIONS

The LONGAR® Type 13 is manufactured from heavy duty moisture resistant cases. These are creased prior to folding to prevent moisture ingress. Randomly laid graduated glass fibre resin, bonded non-woven with 30% oil based wetting agent. The glass fibre is chemically bonded to the cardboard frame. The cardboard surround panel filter has 80% RH operating limit. An optional metal surround increases the product to 100% RH. Temperature Limit is 100C.

The Type 13 is designed to locate into a front withdrawal, side access or rear mounted holding frames or use on a replacement basis.

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.

LONGAR® Type I3

Glass Panel Filters

TECHNICAL SPECIFICATIONS

Tested to EN 779 / 2012, Filter rating: G3 / Recommended Final PD 250pa

SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)			
Part Number	Actual Size HxWxD	Nominal Size HxWxD	Weight
GLASS24824822	248 x 248 x 22mm	254 x 254 x 25mm	0.04kgs
	9.76 x 9.76 x 0.87"	10 x 10 x 1"	0.09lbs
GLASS49624822	496 x 248 x 22mm	508 x 254 x 25mm	0.08kgs
	19.53 x 9.76 x 0.87"	20 x 10 x 1"	0.19lbs
GLASS29329322	293 x 293 x 22mm	304 x 304 x 25mm	0.06kgs
	11.54 x 11.54 x 0.87"	12 x 12 x 1"	0.13lbs
GLASS59429422	594 x 294 x 22mm	609 x 304 x 25mm	0.11kgs
	23.39 x 11.57 x 0.87"	24 x 12 x 1"	0.24lbs
GLASS37537522	375 x 375 x 22mm	381 x 381 x 25mm	0.09kgs
	14.76 x 14.76 x 0.87"	15 x 15 x 1"	0.20lbs
GLASS49637522	496 x 375 x 22mm	508 x 381 x 25mm	0.12kgs
	19.53 x 14.76 x 0.87"	20 x 15 x 1"	0.26lbs
GLASS49639622	496 x 396 x 22mm	508 x 406 x 25mm	0.13kgs
	19.53 x 15.59 x 0.87"	20 x 16 x 1"	0.29lbs
GLASS62039622	620 x 396 x 22mm	635 x 406 x 25mm	0.16kgs
	24.41 x 15.59 x 0.87"	25 x 16 x 1"	0.35lbs
GLASS44844822	448 x 448 x 22mm	457 x 457 x 25mm	0.13kgs
	17.64 x 17.64 x 0.87"	18 x 18 x 1"	0.29lbs
GLASS49649622	496 x 496 x 22mm	508 x 508 x 25mm	0.16kgs
	19.53 x 19.53 x 0.87"	20 x 20 x 1"	0.35lbs
GLASS59649622	596 x 496 x 22mm	609 x 508 x 25mm	0.19kgs
	23.46 x 19.53 x 0.87"	24 x 20 x 1"	0.42lbs
GLASS62049622	620 x 496 x 22mm	635 x 508 x 25mm	0.20kgs
	24.41 x 19.53 x 0.87"	25 x 20 x 1"	0.44lbs
GLASS59659622	596 x 596 x 22mm	609 x 609 x 25mm	0.23kgs
	23.46 x 23.46 x 0.87"	24 x 24 x 1"	0.51lbs
GLASS24824847	248 x 248 x 47mm	254 x 254 x 50mm	0.06kgs
	9.76 x 9.76 x 1.85"	10 x 10 x 2"	0.13lbs
GLASS49724347	497 x 243 x 47mm	508 x 254 x 50mm	0.11kgs
	19.57 x 9.57 x 1.85"	20 x 10 x 2"	0.24lbs
GLASS29329347	293 x 293 x 47mm	304 x 304 x 50mm	0.08kgs
	11.54 x 11.54 x 1.85"	12 x 12 x 2"	0.18lbs
GLASS59628947	596 x 289 x 47mm	609 x 304 x 50mm	0.16kgs
	23.46 x 11.38 x 1.85"	24 x 12 x 2"	0.35lbs
GLASS37237247	372 x 372 x 47mm	381 x 381 x 50mm	0.12kgs
	14.65 x 14.65 x 1.85"	15 x 15 x 2"	0.26lbs

Pressure drop and airflow information available on request.

LONGAR® Type I3

Glass Panel Filters

TECHNICAL SPECIFICATIONS

Tested to EN 779 / 2012, Filter rating: G3 / Recommended Final PD 250pa

SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)			
Part Number	Actual Size HxWxD	Nominal Size HxWxD	Weight
GLASS39439447	394 x 394 x 47mm	406 x 406 x 50mm	0.14kgs
	15.51 x 15.51 x 1.85"	16 x 16 x 2"	0.31lbs
GLASS49637547	496 x 375 x 47mm	508 x 381 x 50mm	0.17kgs
	19.53 x 14.76 x 1.85"	20 x 15 x 2"	0.37lbs
GLASS49639647	496 x 396 x 47mm	508 x 406 x 50mm	0.19kgs
	19.53 x 15.59 x 1.85"	20 x 16 x 2"	0.42lbs
GLASS62039647	620 x 396 x 47mm	635 x 406 x 50mm	0.22kgs
	24.41 x 15.59 x 1.85"	25 x 16 x 2"	0.48lbs
GLASS44644647	446 x 446 x 47mm	457 x 457 x 50mm	0.18kgs
	17.56 x 17.56 x 1.85"	18 x 18 x 2"	0.40lbs
GLASS49649647	496 x 496 x 47mm	508 x 508 x 50mm	0.22kgs
	19.53 x 19.53 x 1.85"	20 x 20 x 2"	0.48lbs
GLASS59639647	596 x 396 x 47mm	609 x 406 x 50mm	0.21kgs
	23.46 x 15.59 x 1.85"	24 x 16 x 2"	0.46lbs
GLASS59649647	596 x 496 x 47mm	609 x 508 x 50mm	0.27kgs
	23.46 x 19.53 x 1.85"	24 x 20 x 2"	0.59lbs
GLASS62049647	620 x 496 x 47mm	635 x 508 x 50mm	0.28kgs
	24.41 x 19.53 x 1.85"	25 x 20 x 2"	0.62lbs
GLASS59659647	596 x 596 x 47mm	609 x 609 x 50mm	0.32kgs
	23.46 x 23.46 x 1.85"	24 x 24 x 2"	0.72lbs
GLASS24824897	248 x 248 x 97mm	254 x 254 x 102mm	0.10kgs
	9.76 x 9.76 x 3.82"	10 x 10 x 4"	0.22lbs
GLASS49624897	496 x 248 x 97mm	508 x 254 x 102mm	0.19kgs
	19.53 x 9.76 x 3.82"	20 x 10 x 4"	0.42lbs
GLASS29329397	293 x 293 x 97mm	304 x 304 x 102mm	0.13kgs
	11.54 x 11.54 x 3.82"	12 x 12 x 4"	0.29lbs
GLASS59728997	597 x 289 x 97mm	609 x 304 x 102mm	0.27kgs
	23.50 x 11.38 x 3.82"	24 x 12 x 4"	0.59lbs
GLASS37537597	375 x 375 x 97mm	381 x 381 x 102mm	0.22kgs
	14.76 x 14.76 x 3.82"	15 x 15 x 4"	0.48lbs
GLASS39639697	396 x 396 x 97mm	406 x 406 x 102mm	0.24kgs
	15.59 x 15.59 x 3.82"	16 x 16 x 4"	0.53lbs
GLASS49637597	496 x 375 x 97mm	508 x 381 x 102mm	0.29kgs
	19.53 x 14.76 x 3.82"	20 x 15 x 4"	0.64lbs
GLASS49639697	496 x 396 x 97mm	508 x 406 x 102mm	0.30kgs
	19.53 x 15.59 x 3.82"	20 x 16 x 4"	0.66lbs

Pressure drop and airflow information available on request.

LONGAR® Type I3

Glass Panel Filters

TECHNICAL SPECIFICATIONS

Tested to EN 779 / 2012, Filter rating: G3 / Recommended Final PD 250pa

SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)			
Part Number	Actual Size HxWxD	Nominal Size HxWxD	Weight
GLASS62039697	620 x 396 x 97mm	635 x 406 x 102mm	0.39kgs
	24.41 x 15.59 x 3.82"	25 x 16 x 4"	0.86lbs
GLASS44644697	446 x 446 x 97mm	457 x 457 x 102mm	0.31kgs
	17.56 x 17.56 x 3.82"	18 x 18 x 4"	0.68lbs
GLASS49649697	496 x 496 x 97mm	508 x 508 x 102mm	0.38kgs
	19.53 x 19.53 x 3.82"	20 x 20 x 4"	0.84lbs
GLASS59639697	596 x 396 x 97mm	609 x 406 x 102mm	0.37kgs
	23.46 x 15.59 x 3.82"	24 x 16 x 4"	0.81lbs
GLASS59649697	596 x 496 x 97mm	609 x 508 x 102mm	0.46kgs
	23.46 x 19.53 x 3.82"	24 x 20 x 4"	1.01lbs
GLASS62049697	620 x 496 x 97mm	635 x 508 x 102mm	0.48kgs
	24.41 x 19.53 x 3.82"	25 x 20 x 4"	1.06lbs
GLASS59659697	596 x 596 x 97mm	609 x 609 x 102mm	0.55kgs
	23.46 x 23.46 x 3.82"	24 x 24 x 4"	1.21lbs
FINAL RECOMMENDED PRESSURE LOSS: 250 PASCALS			

Pressure drop and airflow information available on request.



LONGAR INDUSTRIES

FILTERS AND FABRICATIONS FOR A CLEANER ENVIRONMENT

Longar Industries Limited, Unit 25, Glenmore Business Park, Colebrook Way Weyhill Road, Andover, Hampshire SP10 3GZ United Kingdom

T +44 (0)1264 332 993 F +44 (0)1264 332 994 E info@longarind.com W www.longarind.com

As part of our program for continuous improvement, Longar Ltd reserves the right to change specifications without notice. 15-01-2016.