

# LONGAR® Type 9

## Front Withdrawal Frame & HEPA Holding Frame



### LONGAR® TYPE 9 FWF FEATURES

- Standard sizes held in stock.
- Custom sizes manufactured to order.
- Leak-free sealing of the filter units.
- The quick and easy solution to filter handling.
- Suitable for OEM AHU manufacturers and bespoke installations.
- Fast, simple filter changing system.
- Welded construction for robust signature quality.
- Available with or without filtration.

### APPLICATIONS

- Air handling manufacturing
- Commercial buildings
- Ductwork
- Air conditioning
- Hospitals

### LONGAR® TYPE 9 FRONT WITHDRAWAL FRAMES

The LONGAR® Type 9 Front Withdrawal Frame is manufactured in galvanised steel and stainless steel. Their predominant purpose is to house the filter in a solid and safe state to provide an air tight seal with no air by-pass. They are widely used by AHU manufacturers, and building service contractors. Where required the Front Withdrawal Frame can be installed directly into the building fabric. Larger installations can be created by bolting frames together to increase face area. The Type 9 Front Withdrawal Frame accepts single or pre and secondary filtration by utilising different retaining wires. Frames are supplied with gasket fitted to eliminate air by-pass. Please see schematics for more information.

### CONSTRUCTION / MATERIAL SPECIFICATION

A 1.2mm galvanised steel is utilised to provide a robust product for this product, coupled with the one piece construction and a welded closed end means this product is built to last. A variety of custom made clips are utilised to hold whichever filter selection you wish.

- Frames are supplied complete with clips and seal, four clips per frame. The clips are available in the following sizes to accommodate various filter depths: 1" 2" 3" and 4".
- Each frame is complete with a neoprene seal bonded to the sealing surface of the holding frame.
- High temperature seal can be supplied if required.

Where the requirement for a holding frame is of a custom size or different material we are able to produce the Type 9 Front Withdrawal Frame in a slightly different arrangement. The product still offers an airtight seal and can be used for the same applications. The Type 9 blank section Front Withdrawal Frame utilises a different clip arrangement. Please see schematics for more information.

### TECHNICAL SPECIFICATIONS

#### SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)

Part Number	Height	Width	Depth	Filter Dimensions	Weight
TYPE9-FWF-61061068MM	610mm	610mm	68mm	598x598mm	1.8kgs
	24.02"	24.02"	2.68"	23.54x23.54"	3.96lbs
TYPE9-FWF-50861068MM	508mm	610mm	68mm	495x598mm	1.6kgs
	20.00"	24.02"	2.68"	19.49x23.54"	3.52lbs
TYPE9-FWF-30561068MM	305mm	610mm	68mm	292x598mm	1.3kgs
	12.01"	24.02"	2.68"	11.50x23.54"	2.86lbs
TYPE9-FWF-50850868MM	508mm	508mm	68mm	495x495mm	1.5kgs
	20.00"	20.00"	2.68"	19.49x19.49"	3.3lbs

# LONGAR® Type 9 HEPA Mounting Frame



## LONGAR® TYPE 9 HEPA FEATURES:

- Standard Sizes held in stock.
- Adjustable Feet to handle varying depths.
- Leak-free sealing of the filter units.
- Pre-punched holes for mounting.
- Location Forms to centralise filter position.
- The quick and easy solution to filter handling.
- Suitable for OEM AHU manufacturers and bespoke installations.
- Fast, simple filter changing system.
- Welded construction for robust signature quality.
- Available with or without filtration.

## APPLICATIONS

- Air handling manufacturing
- Commercial buildings
- Ductwork
- Air conditioning
- Hospitals

## LONGAR® TYPE 9 HEPA MOUNTING FRAMES

This modular design is perfect for all types of installations of HEPA Filters and comes complete with clamp brackets to hold filters sealed to the frame.

Construction: 1.5mm galvanised steel is utilised to provide a robust frame for this product, coupled with the one piece construction, TIG welded closure and deburred means this product is built to last.

Frames are supplied complete with four brackets/clamps per frame. The clamps are complete with adjustable feet to accommodate the following filter depths from 275mm to 303mm

## FITTING INSTRUCTIONS

- Fit products with installation contractor's specifications.

## HANDLING

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

## MAINTENANCE

- Frames should be relatively maintenance free, however please refer to maintenance schedule set by installation contractor.
- When handling any components suitable PPE should be used – gloves, eye protection and access equipment.

## PACKAGING

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

## TECHNICAL SPECIFICATIONS

### SIZE ORDERING GUIDE (TOLERANCES +/- 2mm)

Part Number	Height	Width	Depth	Filter Dimensions	Weight
HEPAH/FRAME242412	625mm	625mm	122mm	610x610x275 to 303mm	5.90kgs
	24.61"	24.61"	4.80"	24.02x24.02x10.83 to 11.93"	12.98lbs
HEPAH/FRAME241212	625mm	320mm	122mm	610x305x275 to 303mm	4.50kgs
	24.61"	12.60"	4.80"	24.02x12.01x10.83 to 11.93"	9.90lbs



**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.