

# LONGAR® Type 5 Pad Holding Frame



## LONGAR® TYPE 5 FEATURES:

- Safety edge frame for optimum safety.
- Option of loose retaining bar or handle plate mechanism to stop the retaining bar being detached from the product.
- Option of mesh being supplied loose or spot welded into frame.
- Available in stainless steel, galvanised steel, aluminium, other combinations are available on request.
- Vast selection of filter media's available to suit application.

## APPLICATIONS

- Pre filtration for machinery
- Air handling equipment
- Air conditioning
- Moisture laden environments
- Retail/hospitals/automotive

## LONGAR® TYPE 5 PAD HOLDING FRAMES

The PHF filter is designed for pre – filtration. The media (optional) is a G3 Synthetic Media, Glass Media or a Washable Reticulated Foam, a general high performance media for all general heating, ventilation and air conditioning systems. The media can also be supplied on its own, in coil format or cut to size pieces.

## CONSTRUCTION / MATERIAL SPECIFICATION

Non-toxic thermally bonded fibre ensures even dirt loading throughout the full depth of the media. Media is cut oversize to ensure no air by-pass within the holding frame. Reticulated washable foams are also available in a variety of grades. The PHF are constructed from a safety edge U channel and are available in galvanised steel or stainless steel. Each pad holding frame includes an expanded metal screen on the air-leaving side. PHF's come with a choice of retaining bar, V-bar or plate bar. Please contact us for more information.

## FITTING INSTRUCTIONS

- Fit products, mesh needs to be downstream.
- The PHF locates either into a withdrawal frame or a side access unit.  
A gasket maybe required with the side access unit to eliminate air-bypass between filters

## HANDLING INSTRUCTIONS

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

## MAINTENANCE INSTRUCTIONS

- All maintenance should be carried out in accordance with the planned maintenance set by installation contractor.
- When handling any components suitable PPE should be used – gloves, eye protection and access equipment.
- Filters should be cleaned by a trained operative in accordance with maintenance schedule set by installation contractor.

## PACKAGING

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

## TECHNICAL SPECIFICATIONS

Longar specifies the PHF as height x width x thickness. Please ensure correct orientation is given when ordering. Useful in high humidity areas where a cardboard surround is not suitable. Operating temperature limit of 100 degrees C. Final recommended pressure 250 pascals.

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

All type 5 filters are custom made to customer's requirements.



**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.