

Mounting Frames

Front and Side Withdrawal and Pad Holding Frames



CLEAN
AIR



POWER
GENERATION



CLEAN
ROOM



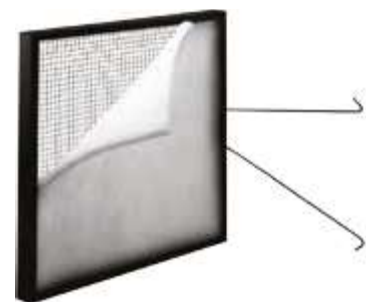
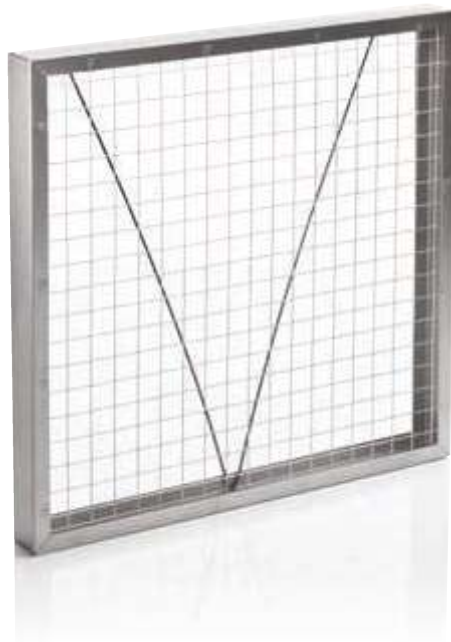
INDUSTRIAL

MANN+HUMMEL's mounting frames are designed specifically for use with our wide range of filters.

With a strong and robust construction, the frames ensure that the filters are installed correctly; providing optimum performance to the high standards for which they were intended. The mounting frames also retain the filters firmly in place during operation; eliminating the danger of movement or distortion and preserving their service life.

KEY FACTS

- Designed to accept our wide range of filters: To provide optimum performance and reliability
- Simple to install: For seamless integration with filters and ductwork/AHU
- Manufactured from galvanised, stainless or mild steel: Provides strength and robustness
- Supplied as single or in multiples: To meet the demands of a variety of applications
- Non-standard sizes to fit any aperture also available: To provide flexibility



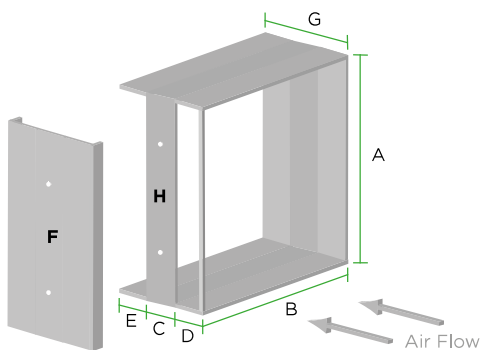
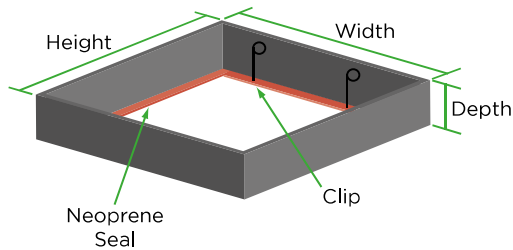
Pad Holding Frame

Mounting Frames

FRONT WITHDRAWAL FRAMES

Front withdrawal frames can be manufactured from a variety of materials e.g. galvanised and stainless steel, and mild steel with a corrosion resistant paint finish. They are widely used by Air Handling Unit manufacturers, ductwork and building services contractors in A.H.U.'s and ductwork or can be installed directly into building fabric. Larger installations can be catered for by bolting frames together to form an increased face area. Front withdrawal frames accept single or pre and secondary filtration by increasing the retaining clip sizes. Frames are supplied with gasket fitted to eliminate air bypass.

Frames are supplied complete with clips and seal, four clips per frame. Clips are available in 1" - 6" to accommodate various filter depths. Each frame is complete with a neoprene seal bonded to the sealing surface of the holding frame and a high temperature seal can be supplied if necessary.



SIDE WITHDRAWAL FRAMES

Manufactured from galvanised or stainless steel and have a blank channel for fixing to surrounding ductwork. The filter channel or channels, depending on single or double stage filtration, are complete with a brush nylon seal to hold the filters. On large face areas vertical or horizontal stiffening bars can be supplied for added rigidity. Frames are complete with removable panel for service of filters.

Side withdrawal frames are provided with single or double filter channels, which are equipped with brush nylon seals to ensure no air by-pass between filter and frame.

PAD HOLDING FRAMES

Manufactured from galvanised steel as standard, but can also be supplied in stainless steel, this type of frame can be fitted with glass or synthetic pads where card cases are unsuitable, and can also be beneficial where there is a high usage of panels. The frames are supplied with a weldmesh grill downstream to support the material and if required a clip on the front to retain the media in the frame. These can be fitted into front and side withdrawal frames.

Nominal Size, H x W x D ("")	Actual Size, H x W x D (mm)
24 x 12 x 3	610 x 305 x 75
20 x 20 x 3	508 x 508 x 75
24 x 24 x 3	610 x 610 x 75
24 x 20 x 3	610 x 508 x 75

Side Withdrawal Frames

A	Dimension - Height 300 or 600 mm
B	Dimension - Width 300 to 2,400 mm in 300 mm increments
C	Empty 50 mm channel for fixing adjacent side withdrawal frames together
D & E	Channels to locate primary and secondary filters. For depth see G
F	Access door with fixing drill holes to match those on H.
Dimension - Depth varies as per the following:	
G	75 mm single filter channel for 25 mm pre-filter or 22 mm header secondary filter
	100 mm single filter channel for 50 mm, pre-filter or PHF
	125 mm double filter channel for pre-filter and 22 mm header secondary filter
	150 mm single filter channel for 100 mm panel type filter
G	175 mm double filter channel for 100 mm panel type filter and 22 mm header, secondary filter
H	Solid panel