

# Disposable cardboard-framed V-Form panel filters

- ➔ Premium performance and construction
- ➔ High loft media increases dust-holding capacity
- ➔ Contoured pleat design
- ➔ Wide selection range
- ➔ Media pack adhesive
- ➔ Media pack support retainer
- ➔ Frame-to-frame adhesive
- ➔ Welded wire pleat support grid
- ➔ Double wall beverage board frame
- ➔ High loft pleated media



Disposable panel filters are constructed with totally unitised, double wall, die-cut box, moisture resistant beverage board frame

The media is bonded inside the frame at all points of contact, providing a sturdy, reliable construction that does not move or deteriorate under difficult operating conditions.

The media pack support retainers, which are an integral part of the frame at both the air entering and leaving sides, increase filter rigidity. It helps maintain equal spacing between pleats for maximum dust holding capacity while minimizing resistance.

Disposable panel filters are ideal for use as prefilter in combination with high efficiency filters. It helps extend the life of the higher efficiency filter from premature dust loading and replacement.

## High loft media increases dust-holding capacity

The media is a special blend of non-woven cotton and synthetic fibers formed into a high loft mat for maximum media thickness to hold more dust.

## Contoured pleat design

The contoured shape of the pleats, which are formed by an expanded metal support grid permits air to exit freely through the bottom of the pleats, as well as along the entire depth. Dust collects uniformly over the entire media and does not build up in the exit apexes as it would in V-shaped pleats.

The unique design maximizes media usage and results in a more gradual rise in resistance and higher dust loading capacity. While the welded wire or expanded metal support grid increases the stability of the pleat pack, thus reducing media flutter during operation.

# Disposable cardboard-framed V-Form panel filters

## Specifications:

Part No.	Nominal size	Holding frame size	Capacity L/sec		Pressure drop Pa.		Final
			1.52 m/sec	2.5 m/sec	1.52 m/sec	2.5 m/sec	
*	395 x 495 x 25	406 x 508 x 50	315	524	37	87	250
*	495 x 495 x 25	508 x 508 x 50	394	656	37	87	250
*	295 x 595 x 25	305 x 610 x 50	283	472	37	87	250
*	595 x 595 x 25	610 x 610 x 50	566	944	37	87	250
*	395 x 622 x 25	406 x 635 x 50	394	656	37	87	250
*	495 x 622 x 25	508 x 635 x 50	492	819	37	87	250
7-5241	295 x 595 x 45	305 x 610 x 50	283	472	23	64	250
7-5211	395 x 495 x 45	406 x 508 x 50	315	524	23	64	250
7-5261	395 x 622 x 45	406 x 635 x 50	394	656	23	64	250
-5214	445 x 495 x 45	457 x 508 x 50	355	590	23	64	250
7-5231	495 x 495 x 45	508 x 508 x 50	394	656	23	64	250
7-5265	495 x 595 x 45	508 x 610 x 50	492	819	23	64	250
7-5271	495 x 622 x 45	508 x 635 x 50	492	819	23	64	250
7-5251	595 x 595 x 45	610 x 610 x 50	566	944	23	64	250
*	495 x 749 x 45	508 x 762 x 50	588	983	23	64	250
7-6241	295 x 595 x 90	305 x 610 x 90	283	472	19	53	250
7-6211	395 x 495 x 90	406 x 508 x 90	315	524	19	53	250
7-6261	395 x 622 x 90	406 x 635 x 90	394	656	19	53	250
7-6231	495 x 495 x 90	508 x 508 x 90	394	656	19	53	250
7-6281	495 x 595 x 90	508 x 610 x 90	492	819	19	53	250
7-6271	495 x 622 x 90	508 x 635 x 90	492	819	19	53	250
7-6251	595 x 595 x 90	610 x 610 x 90	566	944	19	53	250

Maximum operating temperature	93°C (200°F)
Media	Non-woven cotton and synthetic fibres
Support grid	Welded wire mesh or expanded metal support grid
Frame	Double wall, water resistant beverage board

### Notes:

- 1) The actual face dimension of all sizes is 12-15mm under holding frame dimension.
- 2) Width and height dimensions are interchangeable. All filters may be installed with the pleats, either vertical or horizontal.
- 3) All performance data is based on the ASHRAE 52.1-1992 test method. Performance tolerances conform to Section 7.4 of ARL Standard 850-93.
- 4) Recommended final resistance: 250 Pa for all models.

\* For information on these items, please contact your local distributor