

Intrepid Energy Saver M7 Panel Filter

GENERAL DESCRIPTION

The EnergySaver panel filter is a disposable product offering a basic level of filtration, or pre-filtration in HEVAC applications. This product is made using patented Kimberly Clark media which combined in the unique way Jasun Filtration construct the filter can offer energy savings of up to 40%. With this product you will also reduce your carbon foot print.

Construction

This product is constructed by bonding a pleat pack of Intrepid M7 media into a water repellent AquaKote card frame

Features

The Frame is made from AquaKote card which has

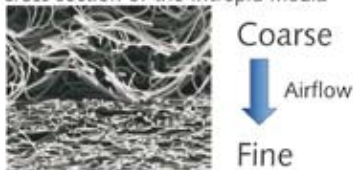
- Superior tear resistance when wet
- Great dry tear resistance and
- Manufactured from a renewable source

The Patented Kimberley Clark Intrepid media

- Has a Graduated Density for even dirt loading, which provides a greater dust holding and therefore longer filter life.
- Hydrophobic – so will not load with moisture in the air
- Has a constant efficiency due to its extra electrostatic charge
- Superior Efficiency V's Particle size
- Has a low pressure drop
- Is made from continuous fibres so will not shed



Hi Magnification photo showing the cross section of the Intrepid media



Filter Efficiency to BS EN 779		G4
Rating to ASHRAE 52.2 Test Standard		Merv 7
Filter Thickness	Rated Airflow	Initial Pressure Drop
45mm	2.0m/sec	26Pa
95mm	2.6m/sec	27Pa
Final Recommended Pressure Drop		250Pa

ENVIRONMENT



EMS 81914
BS EN ISO 14001:2004

QUALITY



FM 29257
BS EN ISO 9001:2000

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Intrepid Energy Saver M7 Panel STANDARD SIZES

Only 20 Pascal Pressure Drop at the Rated Airflow - this is the Industry leader in low energy air filters

To see how much money you can save go to our website www.jasunfiltration.com and try out the Energy Saver Calculator

Only 27 Pascal Pressure Drop at this high capacity volumes

No.	Nominal Size Inches	Height (mm)	Width (mm)	Depth (mm)	Rated Airflow m ³ /hr
M72-1010	10x10x2	241	241	45	418
M72-1020	10x20x2	241	495	45	859
M72-1212	12x12x2	292	292	45	614
M72-1224	12x24x2	292	594	45	1249
M72-1515	15x15x2	368	368	45	975
M72-1520	15x20x2	368	495	45	1312
M72-1619	16x19x2	394	470	45	1333
M72-1620	16x20x2	394	495	45	1404
M72-1624	16x24x2	394	594	45	1685
M72-1625	16x25x2	394	622	45	1764
M72-1818	18x18x2	445	445	45	1426
M72-1820	18x20x2	445	495	45	1586
M72-1824	18x24x2	445	594	45	1903
M72-2020	20x20x2	495	495	45	1764
M72-2024	20x24x2	495	594	45	2117
M72-2025	20x25x2	495	622	45	2217
M72-2424	24x24x2	594	594	45	2540



No.	Nominal Size Inches	Height (mm)	Width (mm)	Depth (mm)	Rated Airflow m ³ /hr
M74-1010	10x10x4	241	241	95	544
M74-1020	10x20x4	241	495	95	1117
M74-1212	12x12x4	292	292	95	798
M74-1224	12x24x4	292	594	95	1623
M74-1515	15x15x4	368	368	95	1268
M74-1520	15x20x4	368	495	95	1705
M74-1616	16x16x4	394	394	95	1453
M74-1620	16x20x4	394	495	95	1825
M74-1625	16x25x4	394	622	95	2294
M74-1818	18x18x4	445	445	95	1854
M74-1831	18x31x4	445	775	95	3228
M74-2020	20x20x4	495	495	95	2293
M74-2024	20x24x4	495	594	95	2752
M74-2025	20x25x4	495	622	95	2882
M74-2424	24x24x4	594	594	95	3303

