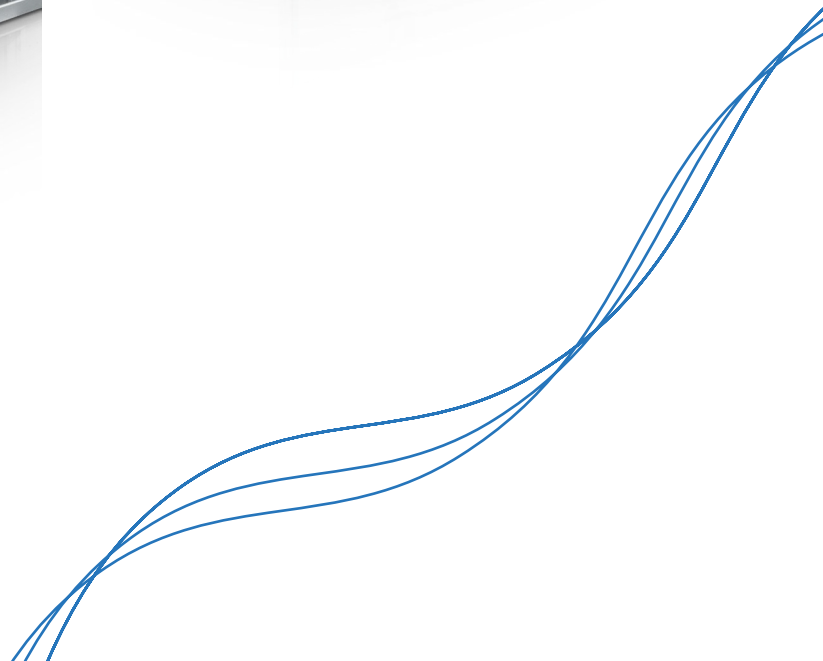


# MFU RANGE

KITCHEN EXHAUST MULTI-FILTRATION UNIT



# DESCRIPTION



Our MFUs are designed explicitly for kitchen extract systems; they collect the oil, grease and smoke particles filtered out of the exhaust through a combination of passive air filters, including panel, bag, HEPA and carbon.

The high-quality unit can house multiple filter combinations and is effortlessly serviced, replaced or even re-configured to provide continually effective and affordable kitchen extract particulate control.

Additionally, the units help reduce grease build-up within the ducting and reduce odours. Its modular design means units can be configured in various ways to handle any required flow rate, providing effective and efficient kitchen extract filtration.



**SMOKE**



**STEAM**



**OIL**

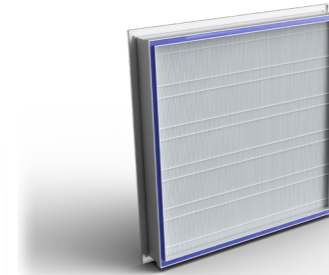


**GREASE**

# KEY FEATURES

- ✓ Multiple configurations & Modular Design
- ✓ Filters particles down to submicron levels
- ✓ Eliminates oil, grease, smoke particles and odours
- ✓ Endless combinations of passive filtration
- ✓ Specifically designed for commercial kitchen application
- ✓ Greatly reduces grease build-up within the duct run

# OUR FILTERS



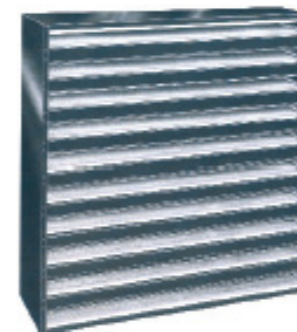
## HEPA FILTERS

Vokes Mini Pleat HEPA (High Efficiency Particulate Air) filters are a low-depth, high performance when it comes to critical air applications.



## PANEL FILTERS

The Interfold is a compact and economical panel air filter that features low operating costs along with high dust holding capacity.



## CARBON FILTERS

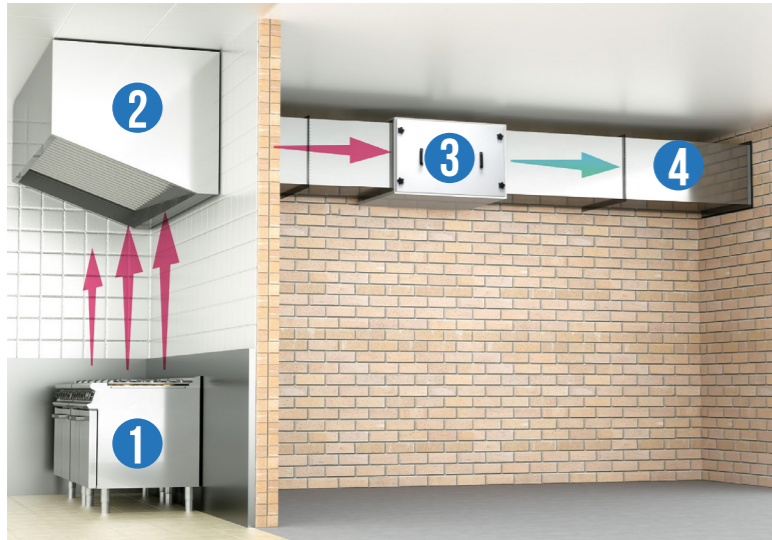
AES Cadsorb filters use activated carbon to remove the malodorous gases within the commercial kitchen extract duct through the process of chemical adsorption.



## BAG FILTERS

Our Interpocket bag filters are manufactured in Australia using galvanised steel header to retain the pocket sets.

# HOW IT WORKS



Our MFUs fit in line with the kitchen ducting and can be configured modularly to cope with all extract flow rates.

- 1 COOKING ODOURS AND PARTICULATES
- 2 CANOPY GREASE FILTER
- 3 MFU UNIT
- 4 AIRFLOW

# UNIT SPECIFICATIONS

## UNIT SIZES



MFU 600



MFU 1200



MFU 1800

## OUR SERVICES



DESIGN



MANUFACTURE



MAINTAIN

# MODULAR SYSTEM

Our system allows specifiers and installers to create a wide range of configurations which contain a customisable combination of different air filters. This provides a tailored, cost-effective air filtration solution.

2 x MFU 600



2 x MFU 1800



\*Sample configurations

### GLOBAL SPECIFICATIONS

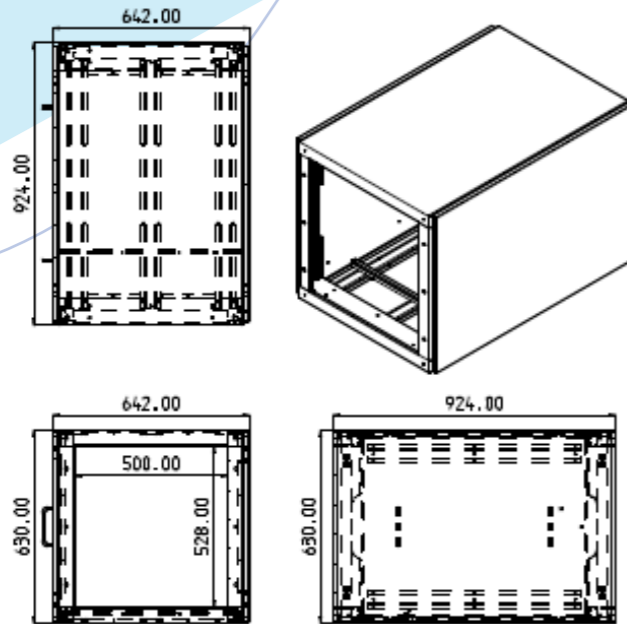
FILTERS		Width(mm)	Height	Depth	Weight (kg)
Panel	45mm	595	595	45	0.5
	95mm	595	595	95	0.5
Bag	300mm	592	592	300	1.5
HEPA	300mm	592	592	300	18
Carbon	Site Safe	594	597	195	25
	Half Carbon	594	594	298	33

### CASINGS ONLY

MFU 600	640	630	925	55.5
MFU 1200	1245	630	925	78
MFU 1800	1885	630	925	133.5

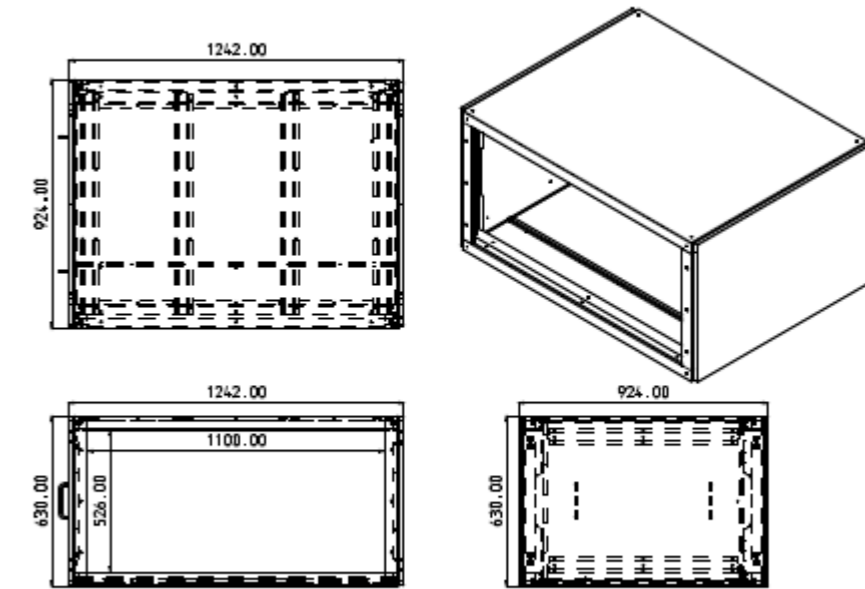
# MFU 600 UNIT

## UNIT SPECIFICATIONS



# MFU 1200 UNIT

## UNIT SPECIFICATIONS

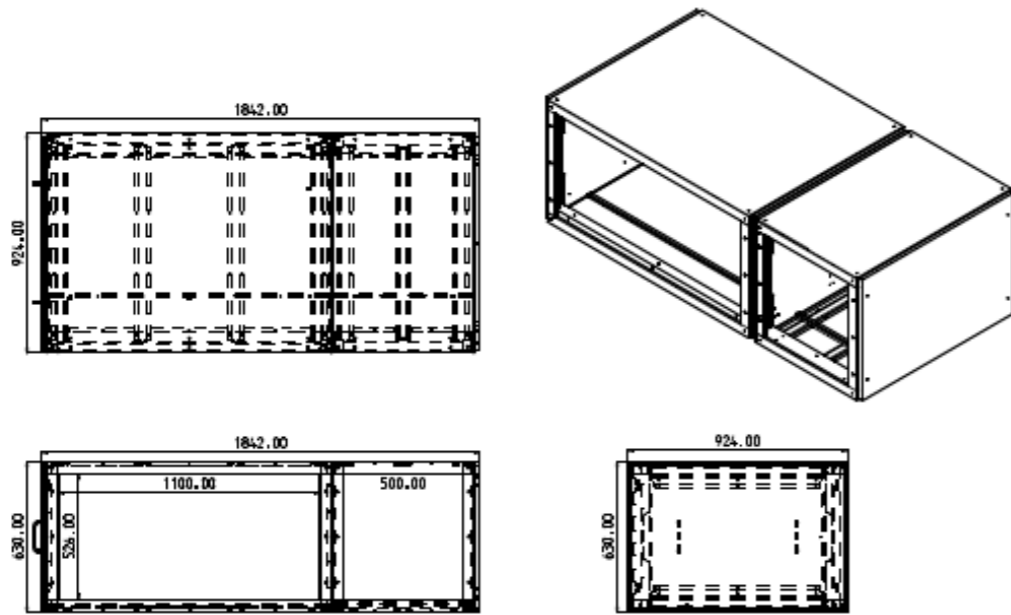


MFU 600		Model A1	Model A1 (C)	Model B1	Model C1	Model D1	Model E2	Model F2
Panel	45 mm							
	95 mm	1		1	1	1	1	1
Bag	300 mm			1	1			1
HEPA	300 mm			1		1		1
Carbon	Site Safe (195 mm)	3	3				6	3
	Half Carbon (298 mm)				1	1		
Flow Rate*	Maximum (m <sup>3</sup> /s)	1m <sup>3</sup> /s	1m <sup>3</sup> /s	1m <sup>3</sup> /s	1m <sup>3</sup> /s	1m <sup>3</sup> /s	1m <sup>3</sup> /s	1m <sup>3</sup> /s
Weight (kg)		110	279	76	89	106	220	186
No. Units		Single	Single	Single	Single	Single	Double	Double
Pressure Drop	at 0.7 m <sup>3</sup> /s (Pa)	119	110	197	238	327	204	282
<b>Dimensions</b>								
Width (mm)		640	640	640	640	640	640	640
Height (mm)		630	630	630	630	630	630	630
Depth (mm)	(Direction of airflow)	925	925	925	925	925	1850	1850

MFU 1200		Model A1	Model A1 (C)	Model B1	Model C1	Model D1	Model E2	Model F2
Panel	45 mm							
	95 mm	2		2	2	2	2	2
Bag	300 mm			2	2			2
HEPA	300 mm			2		2		2
Carbon	Site Safe (195 mm)	6	6				12	6
	Half Carbon (298 mm)				2	2		
Flow Rate*	Maximum (m <sup>3</sup> /s)	2m <sup>3</sup> /s	2m <sup>3</sup> /s	2m <sup>3</sup> /s	2m <sup>3</sup> /s	2m <sup>3</sup> /s	2m <sup>3</sup> /s	2m <sup>3</sup> /s
Weight (kg)		187	186	118	145	181	372	304
No. Units		Single	Single	Single	Single	Single	Double	Double
Pressure Drop	at 1.5 m <sup>3</sup> /s (Pa)	126	90	211	166	351	216	301
<b>Dimensions</b>								
Width (mm)		1245	1245	1245	1245	1245	1245	1245
Height (mm)		630	630	630	630	630	630	630
Depth (mm)	(Direction of airflow)	925	925	925	925	925	1850	1850

# MFU 1800 UNIT

## UNIT SPECIFICATIONS



# GET TO KNOW US

AES Environmental is a family owned, engineering and manufacturing business. The company comprises of major brands situated in the Air Filtration, Pollution Control and Life Sciences markets. Those brands and products are market-leading names within their fields ensuring that AES Environmental is capable of fulfilling its goal of providing the market with a single, integrated source for air filtration, clean room and pollution control needs.

AES Environmental consists of an Australian head office and manufacturing location in Sydney, NSW, manufacturing and service operations in Perth, WA, Adelaide, S.A. and service operations in Melbourne, Vic. Internationally the business operates manufacturing facilities in Bangkok, Thailand and Newcastle Upon-Tyne, UK.

Whatever business area you operate in, effective air filtration and pollution control is vital for your products, processes and people. All our products are manufactured in Australia and along with that, we offer installation and service Australia wide, that you can always rely on.

However large or small the need, with expertise in just about every area of industrial and process filtration and separation, we're ready to help to deliver the products and 'hands-on' support to help you build a better future.

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*In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.*

MFU 1800								
		Model A1	Model A1 (C)	Model B1	Model C1	Model D1	Model E2	Model F2
Panel	45 mm							
	95 mm	3		3	3	3	3	3
Bag	300 mm			3	3			3
HEPA	300 mm			3		3		3
Carbon	Site Safe (195 mm)	9	9				18	9
	Half Carbon (298 mm)				3	3		
Flow Rate*	Maximum (m <sup>3</sup> /s)	3m <sup>3</sup> /s	3m <sup>3</sup> /s	3m <sup>3</sup> /s	3m <sup>3</sup> /s	3m <sup>3</sup> /s	3m <sup>3</sup> /s	3m <sup>3</sup> /s
Weight (kg)		280	279	177	222	271	560	456
No. Units		Single	Single	Single	Single	Single	Double	Double
Pressure Drop	at 2.5 m <sup>3</sup> /s (Pa)	150	110	245	285	390	220	355
<b>Dimensions</b>								
Width (mm)		1885	1885	1885	1885	1885	1885	1885
Height (mm)		630	630	630	630	630	630	630
Depth (mm)	(Direction of airflow)	925	925	925	925	925	1850	1850

# GET IN TOUCH!

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