

Compact Filters

VariCel® I

Product Overview

- Excellent performance in difficult operating conditions
- Dual density media delivers longer life and the lowest initial resistance
- Designed to improve Indoor Air Quality
- Water-resistant media ideal for installations in humid areas, or where exposed to moisture
- MERV 13 meet LEED® Project Certification efficiency requirements

Specification

EN779	M6 - F9
ASHRAE 52.2	MERV 11 - 15
ISO 16890	ePM10 65%, ePM1 50%, 70%, 80%
Filter Depth (mm)	149, 292
Media Type	Fibreglass
Frame Material (Standard)	Galvanised Steel
Frame Material (Optional)	Particle Board, MDF, Plywood
Separator Style	Aluminium
Special Size Available	Yes
Antimicrobial Available	Optional
Header Type	Single, Double, None Header
Recommended Final Resistance	450 Pa
Max Operating Temperature	120°C (SH & DH), 93°C (NH)
Air Filtration Certificate	UL 900



Product Information

Part Number	Nominal Size Inches (W x H x D)	Actual Size mm (W x H x D)	Header Type	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
M6 / MERV 11 / ePM10 65%					
M331-953-455	16 x 20 x 6	390 x 492 x 149	Single	925	40
M331-953-435	20 x 20 x 6	492 x 492 x 149		1,150	
M331-953-449	12 x 24 x 6	289 x 594 x 149		850	
M331-953-488	20 x 24 x 6	492 x 594 x 149		1,400	
M331-953-447	24 x 24 x 6	594 x 594 x 149		1,700	
M331-953-484	16 x 25 x 6	390 x 619 x 149	Double	1,150	40
M331-109-440	12 x 24 x 6	289 x 594 x 149		850	
M331-109-406	20 x 24 x 6	492 x 594 x 149		1,400	
M331-109-416	24 x 24 x 6	594 x 594 x 149	None	1,700	35
M331-009-549	12 x 24 x 6	289 x 594 x 149		850	
M331-009-588	20 x 24 x 6	492 x 594 x 149		1,400	
M331-009-547	24 x 24 x 6	594 x 594 x 149	Single	1,700	100
M331-953-456	16 x 20 x 12	390 x 492 x 292		1,850	
M331-953-436	20 x 20 x 12	492 x 492 x 292		2,300	
M331-953-450	12 x 24 x 12	289 x 594 x 292		1,700	
M331-953-489	20 x 24 x 12	492 x 594 x 292		2,800	
M331-953-448	24 x 24 x 12	594 x 594 x 292	Double	3,400	100
M331-953-485	16 x 25 x 12	390 x 619 x 292		2,300	
M331-109-402	12 x 24 x 12	289 x 594 x 292		1,700	
M331-109-403	20 x 24 x 12	492 x 594 x 292	None	2,800	80
M331-109-401	24 x 24 x 12	594 x 594 x 292		3,400	
M331-009-550	12 x 24 x 12	289 x 594 x 292		1,700	
M331-009-589	20 x 24 x 12	492 x 594 x 292	None	2,800	80
M331-009-548	24 x 24 x 12	594 x 594 x 292		3,400	

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Part Number	Nominal Size Inches (W x H x D)	Actual Size mm (W x H x D)	Header Type	Rated Airflow (CMH)	Rated Initial Resistance (Pa)
F7 / MERV 13 / ePM1 50%					
M331-765-455	16 x 20 x 6	390 x 492 x 149	Single	925	75
M331-765-435	20 x 20 x 6	490 x 492 x 149		1,150	
M331-765-449	12 x 24 x 6	289 x 594 x 149		850	
M331-765-488	20 x 24 x 6	492 x 594 x 149		1,400	
M331-765-447	24 x 24 x 6	594 x 594 x 149		1,700	
M331-765-484	16 x 25 x 6	390 x 619 x 149		1,150	
M331-091-440	12 x 24 x 6	289 x 594 x 149	Double	850	
M331-091-406	20 x 24 x 6	492 x 594 x 149		1,400	
M331-091-416	24 x 24 x 6	594 x 594 x 149		1,700	
M331-017-549	12 x 24 x 6	289 x 594 x 149	None	850	60
M331-017-588	20 x 24 x 6	492 x 594 x 149		1,400	
M331-017-547	24 x 24 x 6	594 x 594 x 149		1,700	
M331-765-456	16 x 20 x 12	390 x 492 x 292	Single	1,850	130
M331-765-436	20 x 20 x 12	492 x 492 x 292		2,300	
M331-765-450	12 x 24 x 12	289 x 594 x 292		1,700	
M331-765-489	20 x 24 x 12	492 x 594 x 292		2,800	
M331-765-448	24 x 24 x 12	594 x 594 x 292		3,400	
M331-765-485	16 x 25 x 12	390 x 619 x 292		2,300	
M331-091-402	12 x 24 x 12	289 x 594 x 292	Double	1,700	
M331-091-403	20 x 24 x 12	492 x 594 x 292		2,800	
M331-091-401	24 x 24 x 12	594 x 594 x 292		3,400	
M331-017-550	12 x 24 x 12	289 x 594 x 292	None	1,700	115
M331-017-589	20 x 24 x 12	492 x 594 x 292		2,800	
M331-017-548	24 x 24 x 12	594 x 594 x 292		3,400	
F8 / MERV 14 / ePM1 70%					
M331-946-455	16 x 20 x 6	390 x 492 x 149	Single	925	95
M331-946-435	20 x 20 x 6	492 x 492 x 149		1,150	
M331-946-449	12 x 24 x 6	289 x 594 x 149		850	
M331-946-488	20 x 24 x 6	492 x 594 x 149		1,400	
M331-946-447	24 x 24 x 6	594 x 594 x 149		1,700	
M331-946-484	16 x 25 x 6	390 x 619 x 149		1,150	
M331-300-440	12 x 24 x 6	289 x 594 x 149	Double	850	
M331-300-406	20 x 24 x 6	492 x 594 x 149		1,400	
M331-300-416	24 x 24 x 6	594 x 594 x 149		1,700	
M331-025-549	12 x 24 x 6	289 x 594 x 149	None	850	75
M331-025-588	20 x 24 x 6	492 x 594 x 149		1,400	
M331-025-547	24 x 24 x 6	594 x 594 x 149		1,700	
M331-946-456	16 x 20 x 12	390 x 492 x 292	Single	1,850	145
M331-946-436	20 x 20 x 12	492 x 492 x 292		2,300	
M331-946-450	12 x 24 x 12	289 x 594 x 292		1,700	
M331-946-489	20 x 24 x 12	492 x 594 x 292		2,800	
M331-946-448	24 x 24 x 12	594 x 594 x 292		3,400	
M331-946-485	16 x 25 x 12	390 x 619 x 292		2,300	
M331-300-402	12 x 24 x 12	289 x 594 x 292	Double	1,700	
M331-300-403	20 x 24 x 12	492 x 594 x 292		2,800	
M331-300-401	24 x 24 x 12	594 x 594 x 292		3,400	
M331-025-550	12 x 24 x 12	289 x 594 x 292	None	1,700	120
M331-025-589	20 x 24 x 12	492 x 594 x 292		2,800	
M331-025-548	24 x 24 x 12	594 x 594 x 292		3,400	

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F9 / MERV 15 / ePM1 80%					
M331-948-455	16 x 20 x 6	390 x 492 x 149	Single	925	135
M331-948-435	20 x 20 x 6	492 x 492 x 149		1,150	
M331-948-449	12 x 24 x 6	289 x 594 x 149		850	
M331-948-488	20 x 24 x 6	492 x 594 x 149		1,400	
M331-948-447	24 x 24 x 6	594 x 594 x 149		1,700	
M331-948-484	16 x 25 x 6	390 x 619 x 149		1,150	
M331-949-440	12 x 24 x 6	289 x 594 x 149	Double	850	135
M331-949-406	20 x 24 x 6	492 x 594 x 149		1,400	
M331-949-416	24 x 24 x 6	594 x 594 x 149		1,700	
M331-947-549	12 x 24 x 6	289 x 594 x 149	None	850	115
M331-947-588	20 x 24 x 6	492 x 594 x 149		1,400	
M331-947-547	24 x 24 x 6	594 x 594 x 149		1,700	
M331-948-456	16 x 20 x 12	390 x 492 x 292	Single	1,850	180
M331-948-436	20 x 20 x 12	492 x 492 x 292		2,300	
M331-948-450	12 x 24 x 12	289 x 594 x 292		1,700	
M331-948-489	20 x 24 x 12	492 x 594 x 292		2,800	
M331-948-448	24 x 24 x 12	594 x 594 x 292		3,400	
M331-948-485	16 x 25 x 12	390 x 619 x 292		2,300	
M331-949-402	12 x 24 x 12	289 x 594 x 292	Double	1,700	180
M331-949-403	20 x 24 x 12	492 x 594 x 292		2,800	
M331-949-401	24 x 24 x 12	594 x 594 x 292		3,400	
M331-947-550	12 x 24 x 12	289 x 594 x 292	None	1,700	155
M331-947-589	20 x 24 x 12	492 x 594 x 292		2,800	
M331-947-548	24 x 24 x 12	594 x 594 x 292		3,400	

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