

Specification Sheet



NEW! 1000 Series

Media Air Cleaners with Dust and Pollen
Defense 3" MERV 11 Filter



TRIPure
TECHNOLOGY

Advanced
Purification.
Lowest Static
Pressure.
Long Filter Life.

Features

- **Dust & pollen defense** - New and improved 3" MERV 11 Air Filter with TriPure Technology
- **Directional design** - Minimize install errors and improve airflow
- **Self-seal technology** - Reduce bypass air, extending HVAC equipment life
- **Self-aligning rails** - Fast, error-proof installation saves time on the job
- **Imprint program** - Promote your brand with FREE customization
- **Built to last** - 400 lb load rating, made of corrosion-resistant galvanized steel. Cabinet backed by a 10-year warranty.

Benefits

- **Up to 30% lower static*** - Better filter performance and energy efficiency that extends the life of the HVAC system
- **Premium filtration** - Maximum particle capture performance
- **Maintenance made easy** - Redesigned rail/media interface
- **Long life** - Extended equipment protection safeguarding the system. Lasts up to 12 months.

Media Air Cleaners				MERV 11 (Included in MAC)				MERV 13/MERV 12CBN (Upgrade Option - Order Separately)		
Discontinued Cabinet Part Number	New Cabinet Part Number	Nominal Size (Inches)	Shipping Weight (lbs.)	Discontinued Replacement Filter	NEW! 3" Replacement Filter	Initial Resistance (Inches W.C. @1,200 CFM)	Filtering Media Area (sq. ft.)	NEW! 3" Replacement Filter	Initial Resistance (Inches W.C. @1,200 CFM)	Filter Media Area (sq. ft.)
1110	U111	16 x 20	13	110	3F111	.19	17.4	3F113	.26	17.4
1210	U121	20 x 25	19	210	3F211	.09	27.0	3F213	.135	27.0
1310	U131	20 x 20	15	310	3F311	.16	20.9	3F313	.22	20.9
1410	U141	16 x 25	19	410	3F411	.11	23.8	3F413	.16	23.8
1510	U151	31 x 28	28	510	3F511	.04	41.7	3F513	.07	41.7
1910	U191	25 x 20	18	910	3F911	.12	24.4	3F913	.17	24.4
12CB	U12C	20 x 25	20					3F213CBN**	.19	25.6
14CB	U14C	16 x 25	19					3F413CBN**	.22	22.7

COMING SOON:
MERV 12 + Carbon

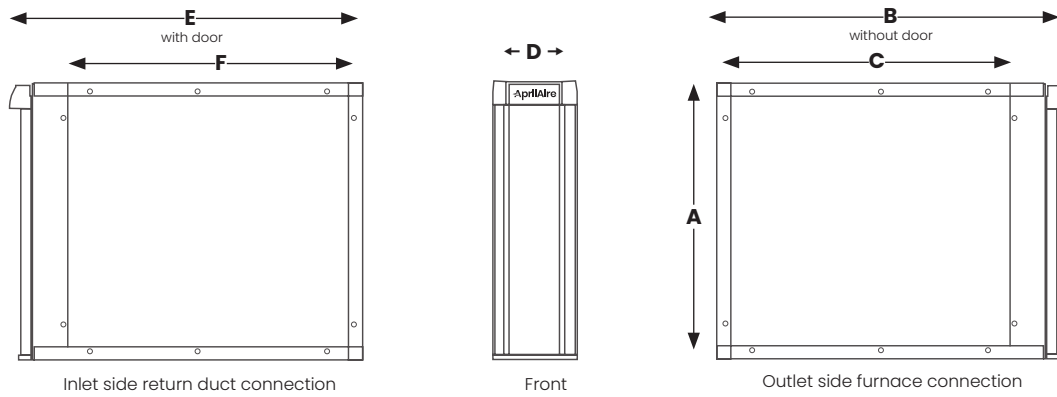
REMOVAL EFFICIENCY (Based on Particle Size)

	0.3-1.0 Microns	1.0-3.0 Microns	3.0-10 Microns
MERV 11 12-month life	30%	70%	92%
MERV 12CBN 6-month life	51%	84%	94%
MERV 13 12-month life	54%	88%	98%
MERV 16 6-month life	95%	99%	99%

*Performance results based on controlled testing in accordance with ASHRAE 52.2 2017 test procedure against other leading brands. Comparative results may vary depending on system conditions and application.

**MERV 12CBN is included with this cabinet.

Technical Drawings



Dim.	Description	Model					
		U111	U121/U12C	U131	U141/U14C	U151	U191
A	Inlet Opening Height	15 ⁷ / ₁₆ " (392mm)	19 ³ / ₄ " (502mm)	18 ¹ / ₁₆ " (459mm)	15 ⁷ / ₁₆ " (392mm)	28 ²³ / ₃₂ " (729mm)	22 ³ / ₄ " (578mm)
B	Outer Housing Depth without Door	20 ¹ / ₁₆ " (510mm)	25 ³ / ₈ " (645mm)	20 ¹ / ₁₆ " (510mm)	28 ¹ / ₁₆ " (713mm)	28 ¹ / ₁₆ " (713mm)	20 ¹ / ₁₆ " (510mm)
C	Inlet Opening Width	17 ³ / ₈ " (441mm)	21 ³ / ₁₆ " (538mm)	15 ⁷ / ₈ " (403mm)	23 ⁷ / ₈ " (606mm)	23 ⁷ / ₈ " (606mm)	15 ⁷ / ₈ " (403mm)
D	Unit Width	6 ³ / ₄ " (171mm)	6 ³ / ₄ " (171mm)	6 ³ / ₄ " (171mm)	6 ³ / ₄ " (171mm)	6 ³ / ₄ " (171mm)	6 ³ / ₄ " (171mm)
E	Outer Housing Depth with Door	22 ¹ / ₁₆ " (560mm)	27 ³ / ₈ " (695mm)	22 ¹ / ₁₆ " (560mm)	30 ¹ / ₁₆ " (764mm)	30 ¹ / ₁₆ " (764mm)	22 ¹ / ₁₆ " (560mm)
F	Outlet Opening Width	17 ³ / ₈ " (441mm)	21 ³ / ₁₆ " (538mm)	15 ⁷ / ₈ " (403mm)	23 ⁷ / ₈ " (606mm)	23 ⁷ / ₈ " (606mm)	15 ⁷ / ₈ " (403mm)
G	Outlet Opening Height	15 ⁷ / ₁₆ " (392mm)	19 ³ / ₄ " (502mm)	18 ¹ / ₁₆ " (459mm)	15 ⁷ / ₁₆ " (392mm)	28 ²³ / ₃₂ " (729mm)	22 ³ / ₄ " (578mm)
H	Unit Height	17 ³ / ₄ " (451mm)	22 ¹ / ₁₆ " (560mm)	20 ³ / ₈ " (518mm)	17 ³ / ₄ " (451mm)	31" (787mm)	25 ¹ / ₁₆ " (637mm)

Upgrade Kits for Installed Air Cleaners

Air Cleaners		Models Ship With	MERV 11			Upgrade	MERV 13/MERV 12CBN (Upgrade Option - Order Separately)		
Discontinued Cabinet	Nominal Size (inches)		New! 3" Upgrade Kit	Initial Resistance (Inches W.C. @1,200 CFM)	Filtering Media Area (sq. ft.)		New! 3" Upgrade Kit	Initial Resistance (Inches W.C. @1,200 CFM)	Filtering Media Area (sq. ft.)
1110	16x20		UK111	0.19	17.4		UK113	0.26	17.4
1210	20x25		UK211	0.09	27.0		UK213	0.135	27.0
1310	20x20		UK311	0.16	20.9		UK313	0.22	20.9
1410	16x25		UK411	0.11	23.8		UK413	0.16	23.8
1510	31x28		UK511	0.04	41.7		UK513	0.07	41.7
1910	25x20		UK911	0.12	24.4		UK913	0.17	24.4
12CB	20x25						UK213CBN	0.19	25.6
14CB	16x25						UK413CBN	0.22	22.7

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