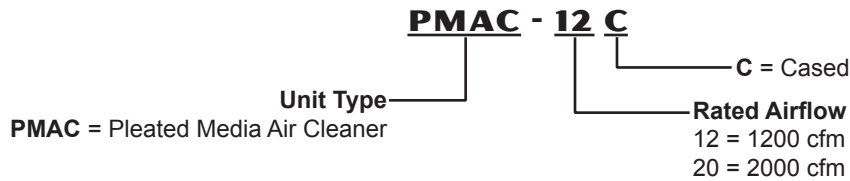




PRODUCT SPECIFICATIONS



MODEL NUMBER IDENTIFICATION



FEATURES

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Model Number Identification 1

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WARRANTY

All covered components - a five year limited warranty in residential applications, one year in non-residential applications (filter media is excluded).

Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

APPLICATIONS

Multi-position mechanical air cleaner is available for installation in the return air side of all types of central units and easily adapts to up-flow, lo-boy, down-flow or horizontal unit applications. The unit can be installed in the vertical or horizontal position.

Air flow direction through the cleaner can be changed by relocating the cabinet.

High-efficiency air cleaner effectively removes more dirt and contaminants than conventional furnace filters.

Traps a wide range of particles that ordinary filters cannot retain.

Captures airborne particles as small as 1 micron (1/25,000th of an inch) in diameter.

Reaches 99% efficiency on particles five microns or larger.

Silent operation, requires no electrical component service, generates no ozone and is not affected by relative humidity or temperature.

The only service required is changing the filter media periodically, annual replacement recommended.

Constant blower operation will achieve the best air cleaning results with a continual flow of dirt laden air cleaned by the air cleaner.

FEATURES

FILTER MEDIA

Disposable, pleated MERV 10 filter (Minimum Efficiency Reporting Value based on ASHRAE 52.2).

Specially pleated 100% synthetic media provides a large surface area allowing maximum dirt holding capacities with minimum air resistance.

Recommended replacement of the media depends on a variety of factors. The media can last up to two years, but if installed on systems larger than 3.5-tons or heating systems larger than 130,000 Btuh (1400 cfm), in the presence of a high concentration of particulate, or if the indoor air blower is on continuously, it may be necessary to change the media more frequently. Other factors that will influence frequency of replacement of the the media are: the number of people and their activity, the amount of carpeting, pets, size of home, number of smokers and the pollution level in the area.

The media is at it's lowest efficiency point when it is new. Efficiency increases with usage. There is no efficiency or performance benefit from replacing the media too often.

OPTIONS

MERV 16 Filter

Disposable, pleated MERV 16 filter (Minimum Efficiency Reporting Value based on ASHRAE 52.2).

MERV 16 media uses an electrostatically charged media to strain airborne particles as small as 0.3 microns with an efficiency rating of 95% or higher.

Replacement or alternative air filter for increased efficiency.

CABINET

Constructed of galvanized, pre-painted steel.

Tool-less access door allows quick and easy replacement of filter media.

Air flow can be reversed in the field by rotating cabinet 180°, top for bottom, and repositioning filter media and access door.

Arrows on top of cabinet indicate air flow direction.

SPECIFICATIONS

Model No.	PMAC-12C	PMAC-20C
Air volume range - cfm	up to 1200	1400 - 2000
Filter Media surface area - ft. ²	72.3	78.6
Shipping weight - lbs.	25	28

MAINTENANCE SUPPLIES - ORDER SEPARATELY

Pleat Spacers	47N69	52P92
Replacement Media - MERV 10	X0444	X0445
Replacement Media - MERV 16	X5425	X5424

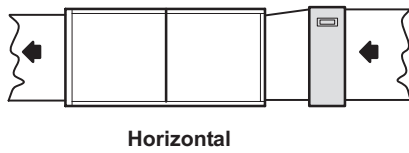
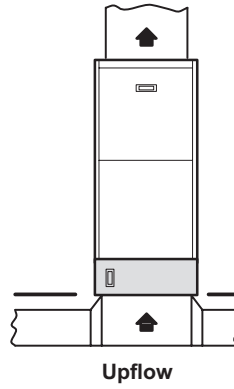
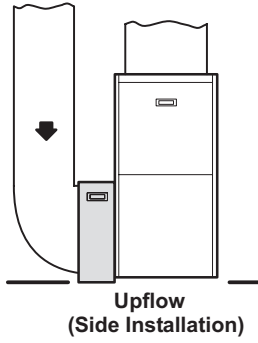
AIR RESISTANCE

Air Volume - cfm	Total Resistance - in. w.g.			
	PMAC-12C		PMAC-20C	
	¹ MERV 10 Filter	² MERV 16 Filter	¹ MERV 10 Filter	² MERV 16 Filter
800	.06	.07	.06	.06
1000	.09	.10	.08	.09
1200	.12	.13	.10	.11
1400	.16	.17	.13	.15
1600	.20	.21	.16	.18
1800	---	---	.20	.23
2000	---	---	.24	.28

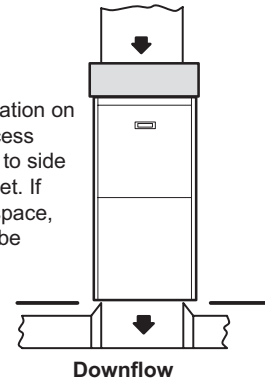
¹ Furnished as standard.

² Optional - Must be ordered extra

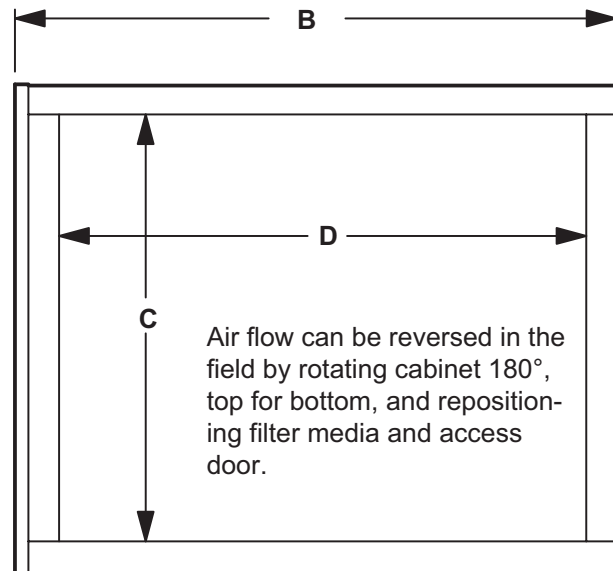
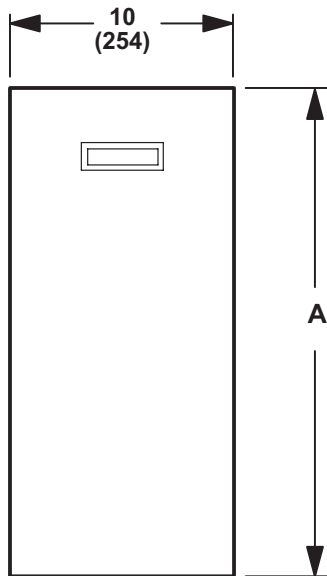
TYPICAL APPLICATIONS



NOTE - Due to flue location on downflow furnaces, access panel must be installed to side or rear of furnace cabinet. If installed in a confined space, service clearance may be restricted.



DIMENSIONS - INCHES (MM)



Model No.	A		B		C		1 D - Inlet Side		1 D - Discharge Side	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
PMAC-12C	17-3/4	451	28-3/4	730	15-1/2	394	23-7/8	606	24-5/8	625
PMAC-20C	22	559	26	660	19-3/4	502	21-1/2	546	22	559

¹ Refer to arrows on top of cabinet.

REVISIONS

Sections	Description of Change
Document	Updated to new publishing software. No changes to data.



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Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

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