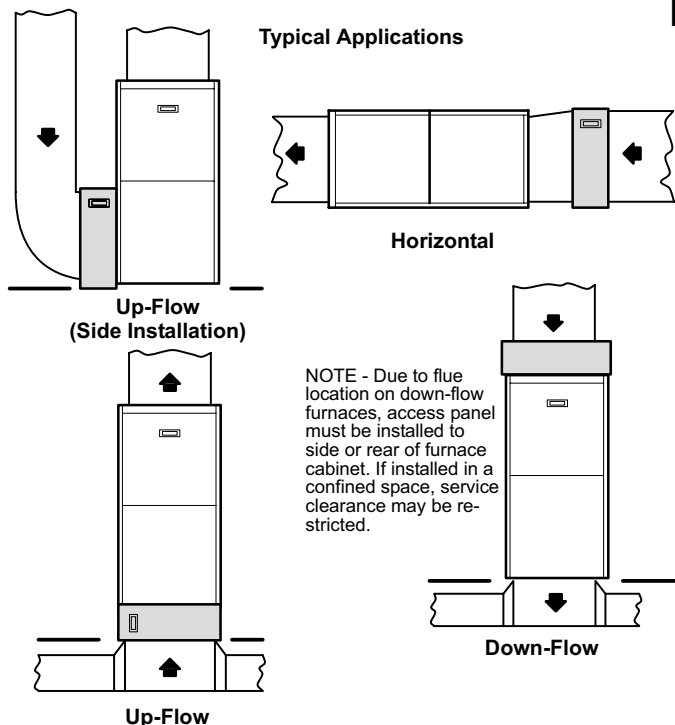
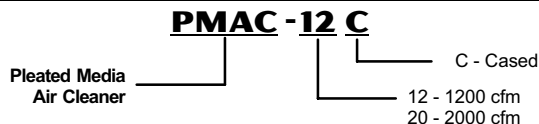


#### ENGINEERING DATA



#### MODEL NUMBER IDENTIFICATION



#### FEATURES

##### 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.
- Removes 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.

##### Warranty

- All covered components have 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.

##### Filter Media

- Disposable media with 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, however, it should be replaced at least every 12 months. If installed on systems larger than 3.5-tons or heating systems larger than 130,000 Btu/h (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 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.
- Disposable, pleated MERV 10 filter (Minimum Efficiency Reporting Value based on ASHRAE 52.2).

##### Cabinet

- Constructed of galvanized, pre-painted steel.
- Heavy-duty polypropylene inner housing with added UV stabilization.
- 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.

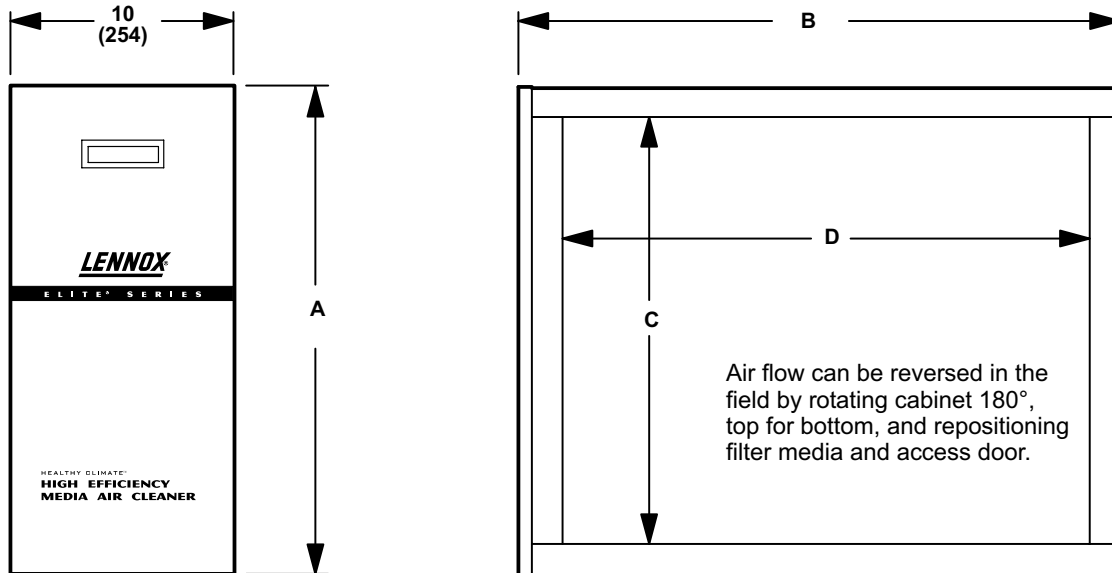
## SPECIFICATIONS

Model No.	PMAC-12C	PMAC-20C
Air volume range - cfm (L/s)	up to 1200 (565)	1400 - 2000 (660 - 945)
Filter Media surface area - ft. <sup>2</sup> (m <sup>2</sup> )	72.3 (6.7)	78.6 (7.3)
Shipping weight - lbs. (kg)	25 (11)	28 (13)
MAINTENANCE SUPPLIES - MUST BE ORDERED EXTRA		
Pleat Spacers	47N69	52P92
Replacement Media	X0444	X0445

## AIR RESISTANCE

Model No.	Air Volume		Total Resistance	
	cfm	L/s	in. w.g.	Pa
PMAC-12C	600	285	.07	17
	800	380	.09	22
	1000	470	.11	27
	1200	565	.14	35
PMAC-20C	1400	660	.15	37
	1600	755	.18	45
	1800	850	.21	52
	2000	945	.25	62

## DIMENSIONS - INCHES (MM)



Model No.	A		B		C		*D - Inlet Side		*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

\* Refer to arrows on top of cabinet.