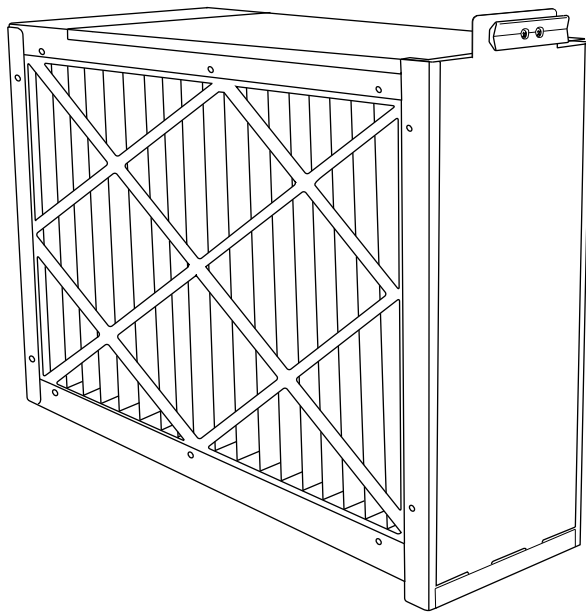




EFFICIENT MECHANICAL AIR CLEANER

Model MACA
Sizes 012, 014, 020



The Model MACA Efficient Mechanical Air Cleaners are designed for residential and light commercial forced-air heating and/or cooling systems, and are available in 3 sizes, 1200, 1400, 2000 CFM.

The Model MACA air cleaners clean the air of dust pollen, and smoke which helps keep homes cleaner and fresher longer—meaning less housework.

FEATURES/BENEFITS

LARGE DUST HOLDING CAPACITY—These units incorporate a special pleated filter media into a unique cabinet design—furnishing one of the largest dust-holding capacities available in efficient residential air cleaners today.

The MACA has a dust holding capacity as high as 152 grams. This increases the time between filter changes.

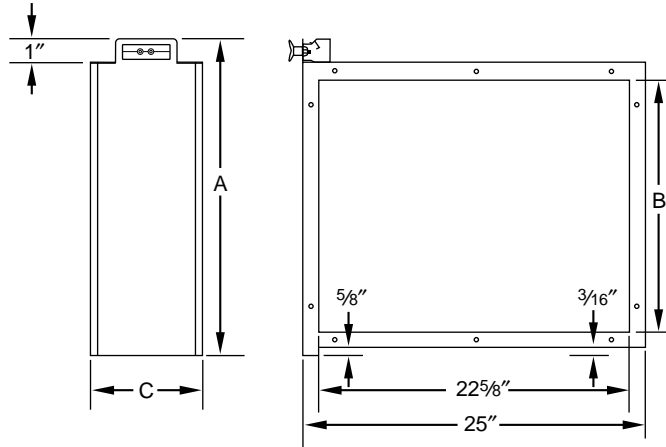
The exceptionally large surface area traps dust, pollen, molds, tobacco smoke, grease, soot, bacteria, and animal dander to provide cleaner, fresher air that is free of airborne pollutants and irritants regardless of the season.

HIGH ARRESTANCE—The MACA filters out and traps dust from large particles down to 0.3 microns in size.

TROUBLE-FREE INSTALLATION—No electricity is required.

NEARLY MAINTENANCE FREE OPERATION—The only maintenance required is that of replacing the air cleaner media.

DIMENSIONS



A98178

DIMENSIONS (In.)

MODEL	A	B	C
MACAXCBBX012	18-1/8	13-3/4	5-1/4
MACAXCBBX014	18-1/8	13-3/4	7-1/4
MACAXCBBX020	22-1/8	17-3/4	7-1/4

SPECIFICATIONS

SIZE	012	014	020
PERFORMANCE DATA			
Airflow	600–1200 CFM	600–1400 CFM	600–2000 CFM
Dust Capacity	96 g	112 g	152 g
Atmospheric Dust Spot Efficiency	<20%	<20%	<20%
Arrestance (average)	90%	90%	90%
Static Pressure Drop (clean)	.17 in. w.c.	.18 in. w.c.	.26 in. w.c.
Filter Size	3 x 15-3/4 x 24-1/4 in.	5 x 15-3/4 x 24-1/4 in.	5 x 19-3/4 x 24-1/4 in.
Filter Area	13.13 sq ft	25.15 sq ft	31.55 sq ft
Filter Media	Synthetic		
Shipping Weight	15 lb	18 lb	20 lb

REPLACEMENT FILTERS

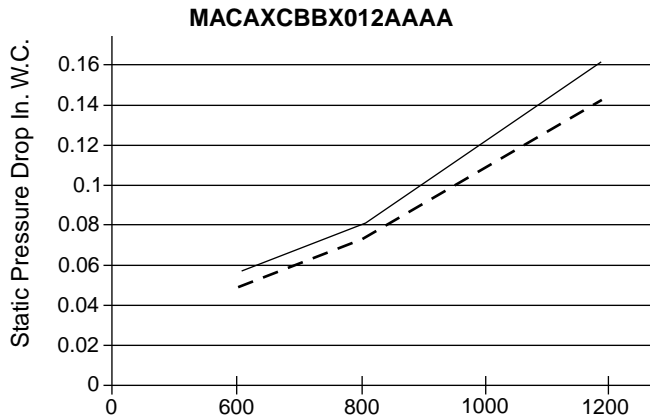
REPLACEMENT FILTERS ORDER NUMBER	KEAFL0106012	KEAFL0203014	KEAFL0303020
Number of Filters per Carton	6	3	3

PRESSURE DROP

PRESSURE DROP AT VARIOUS AIRFLOWS (CLEAN)

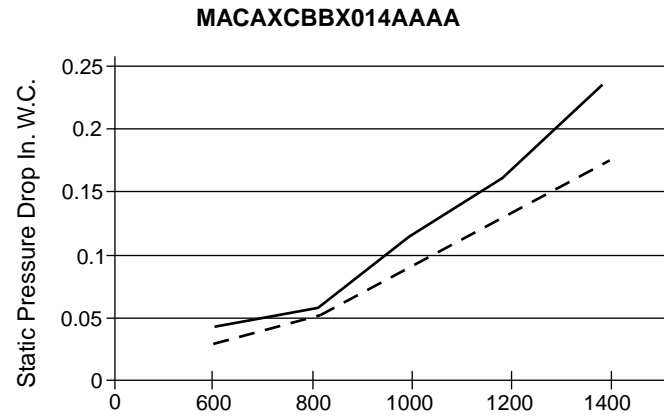
SIZE CFM	TYPICAL FACTORY SUPPLIED FURNACE/FAN COIL FILTER	012		014		020	
		Typical	Max	Typical	Max	Typical	Max
RESISTANCE (in. wc)							
600	.015	0.06	0.06	0.03	0.04	0.04	0.04
800	0.02	0.07	0.08	0.05	0.06	0.05	0.05
1000	0.03	0.10	0.12	0.07	0.11	0.08	0.09
1200	.035	0.14	0.18	0.10	0.16	0.11	0.12
1400	.045	—	—	0.13	0.23	0.14	0.15
1600	.055	—	—	—	—	0.17	0.18
1800	.062	—	—	—	—	0.20	0.22
2000	0.07	—	—	—	—	0.24	0.27

NOTE: When applying the MACA, attention must be given to the duct and system design because all these components affect system static pressure. To maintain the proper efficiency and reliable operation of the MACA Mechanical Air Cleaner and your HVAC equipment, this filter should only be applied to properly designed duct systems and properly sized HVAC equipment. The MACA has a higher static pressure drop than the typical factory supplied furnace and/or fan coil filter (as shown above).



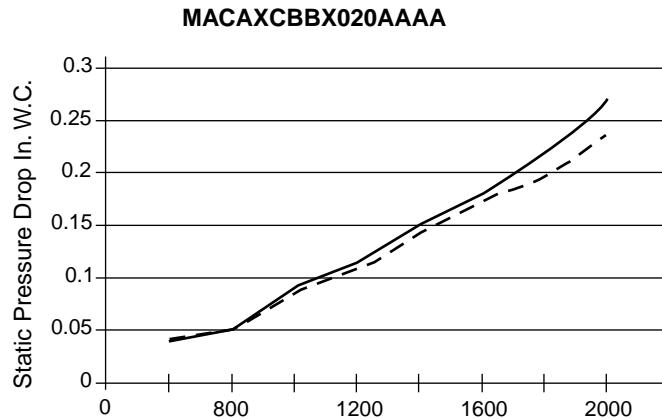
Clean Filter	_____	Airflow (CFM)
Max. MAC 012	_____	
Typical MAC 012	-----	

A98539



Clean Filter	_____	Airflow (CFM)
Max. MAC 014	_____	
Typical MAC 014	-----	

A98540

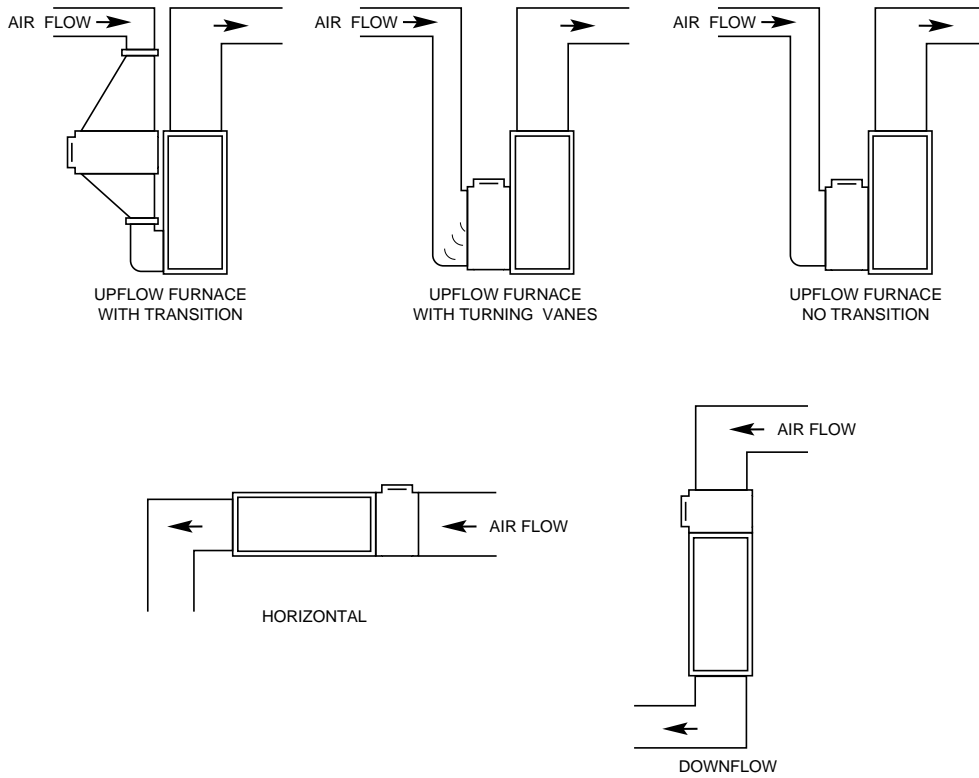


Clean Filter	_____	Airflow (CFM)
Max. MAC 020	_____	
Typical MAC 020	-----	

A98541

PRESSURE DROP

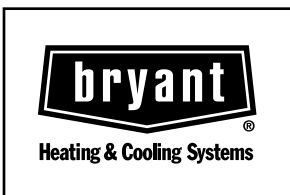
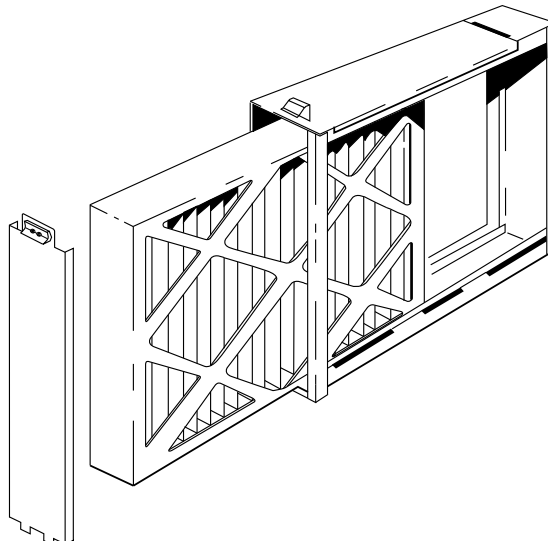
TYPICAL APPLICATIONS



Typical Furnace Installations

A98179

MEDIA POSITIONING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT MUST BE INSTALLED IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS

Cancels: PDS MACA.12.1