



# Residential Replacement Filters



**DAFCO FILTRATION GROUP®**

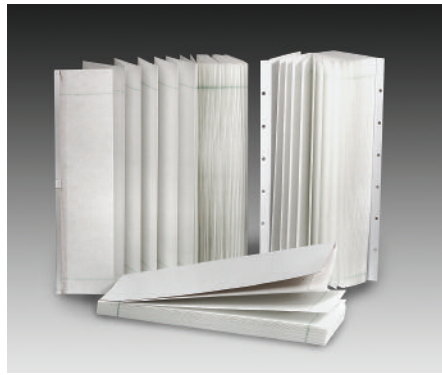


Dafco replacement filters for brand name high efficiency media air cleaners used in forced air HVAC systems. Filter performance meets or exceeds the specifications established by the original manufacturer. Filters are designed to match the original manufacturers' dimensions and therefore no cumbersome retrofit steps needed to install. The Air Cleaner Cabinet is designed for residential and light commercial forced-air heating and/or cooling systems. Units handle most central forced air furnace installations.

High efficiency filtration removes up to 98% of dust, dirt, smoke, pollen, bacteria, and other contaminants. Removes up to 80% of particles in the air down to 1.0 microns in size, large dust holding capacity has 100 square feet of filter media. This filtering system's low pressure drop makes it ideal even for heat pump applications.

Dafco Filtration Group's air cleaner cabinet is easy to install due to built in flanges into furnaces. Slide out the dirty cartridge and replace with a new one. Filter media cartridge (included) is completely factory assembled.

## Replacement Filters For Residential Air Cleaners



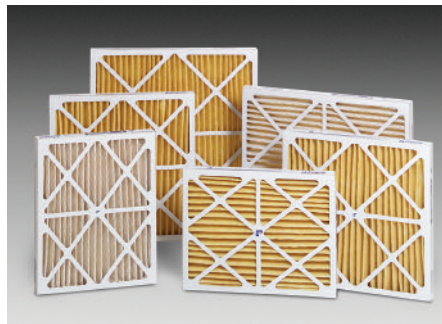
These filters are replacements to those supplied by the original manufacturer. Requires use of original manufacturer's spacers and dividers. Media filter is wet layered micro fiberglass paper. UL Classified as to flammability only; Class 2.

## Residential Replacement Filters – MERV 8



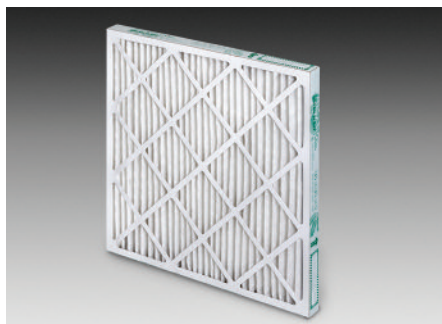
Replaces filter cartridges used in the Trion Air Bear type air cleaner. "Little Bear" size also available. Equals or exceeds performance of the original filter. Media is moisture resistant, 100% synthetic. UL Classified as to flammability only; Class 2.

## Residential Replacement Filters – MERV 11



The MERV 11 pleated filters incorporate a 100% electrostatically charged synthetic media with an ASHRAE 52.2 MERV 11. The media is chemically bonded to a metal grid on the air-exiting side, preventing fluttering, and maintaining uniformity of the pleats. The filter pack is enclosed in a heavy-duty, moisture resistant, die-cut frame that will not warp, crack or distort under normal

## Residential Replacement Filters – MERV 13



operating conditions. Diagonal front and back media retainers are an integral part of the filter frame. The media pack is bonded to every part of the frame, preventing any possibility of air by-pass.

The MERV 13 residential pleat delivers high efficiency allowing immediate installation with absolutely no modification to existing equipment. Simply replace the existing lower efficiency pleat or disposable air filter with the Green Pleat. It is constructed with an advanced synthetic air media that utilizes both charged fibers and traditional mechanical filtration

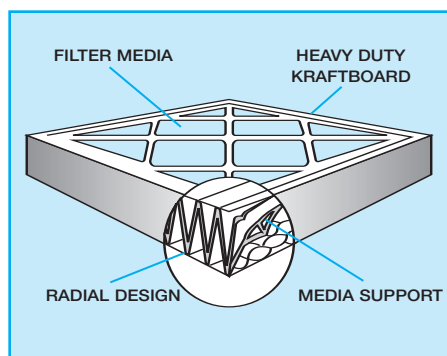
principles. The charged fibers allow the Green Pleat to achieve MERV 13 levels upon installation and immediately grab and trap airborne contaminants. The resulting dust cake then enhances the mechanical principles of the filter allowing for high levels of filtration during the entire life-cycle.

- Universal replacements for leading brands
- Quality construction and efficient media
- No retrofit needed to install
- Simple upgrade for home filtration systems
- Cabinet easily adapts to most furnaces
- No electrical connections necessary
- No electricity consumed
- Does not produce ozone
- Quick, easy, clean maintenance

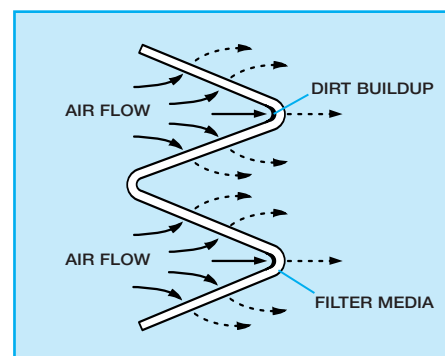
Residential replacement products include universal replacements for many leading brands, such as:

- Honeywell
- Spaceguard
- General
- Trion Air Bear

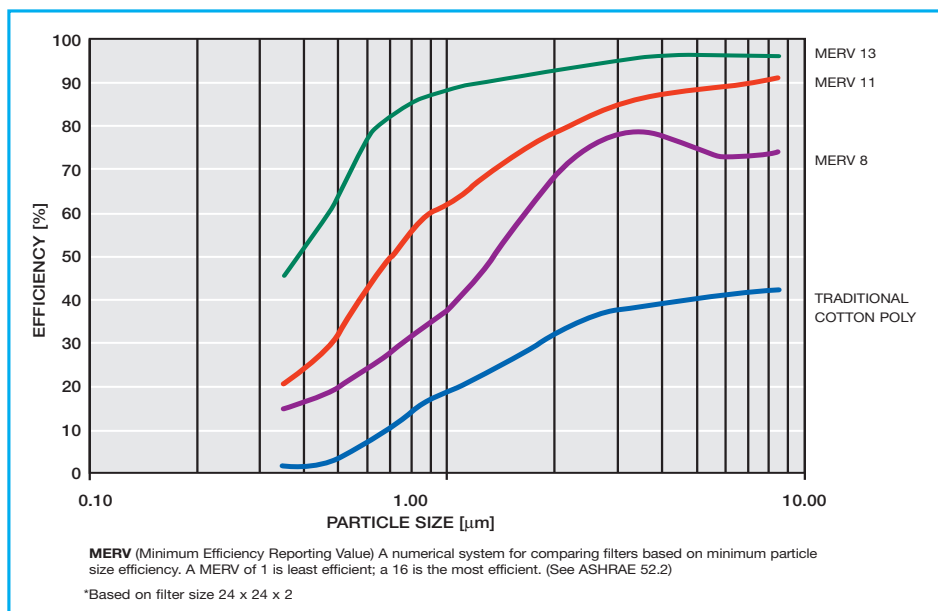
## Design and Construction



## Principle of Filtration



## Efficiency According to ASHRAE 52.2\*

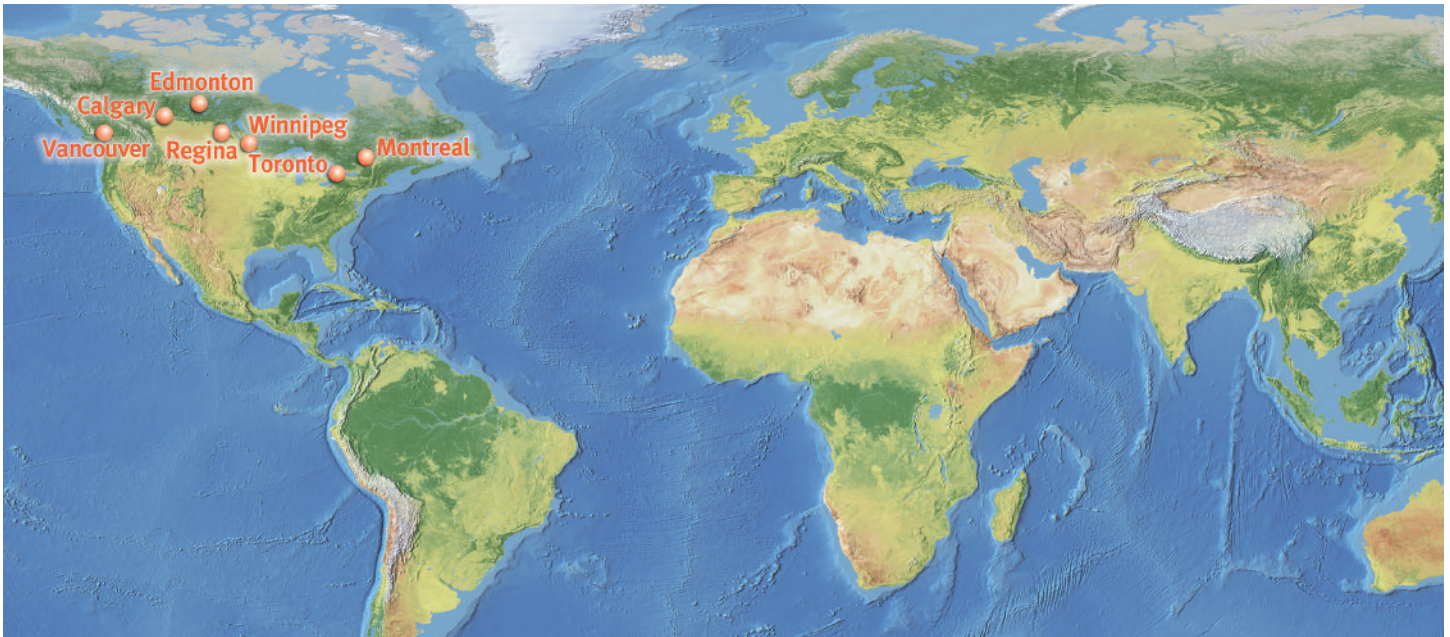


## DFG's Air Cleaner Cross Reference Guide

Air Cleaner Products	Dafco Filtration Group Model and Part Number			Nominal Size	Exact Size	Rated Velocity	Initial Resistance			Media Square Feet
	RF-MERV 8	RF-MERV 11	RF-MERV 13	W x H x D	W x H x D	FPM	RF-8	RF-11	RF-13	
<b>Research Products Aprilaire</b>										
Model 2200, 2250 Replacement Filter Type 201	1027568	1027569	1028442	25 x 20 x 6	24 1/4 x 19 3/4 x 5 5/8	375	0.17	0.34	0.24	42
<b>Trion</b>										
Air Bear-255649-105	1014817	1027578	1028443	16 x 25 x 5	15 5/8 x 24 1/8 x 4 7/8	375	0.17	0.34	0.24	28
Air Bear-255649-103	1028435	1028436	1028444	20 x 20 x 5	19 1/4 x 20 3/4 x 4 7/8	375	0.17	0.34	0.24	23.5
Air Bear-255649-102	1011848	1027580	1028445	25 x 20 x 5	24 1/8 x 19 5/8 x 4 7/8	375	0.17	0.34	0.24	32
Air Club-255649-101	22942	1028437	1028446	16 x 25 x 3	15 3/4 x 24 1/4 x 2 7/8	375	0.17	0.34	0.24	11.5
<b>Honeywell Model F-100</b>										
FC100A1052	1028438	1028447	1028448	12 1/2 x 20 x 5	12 1/2 x 20 x 4 3/8	375	0.17	0.34	0.24	12.74
FC100A1052	1028439	1028440	1028449	16 x 20 x 5	16 x 19 7/8 x 4 3/8	375	0.17	0.34	0.24	15.5
FC100A1003	1011116	1027579	1028450	16 x 25 x 5	15 3/4 x 24 3/4 x 4 3/8	375	0.17	0.34	0.24	19.25
FC100A1029	1019348	1028441	1028451	20 x 20 x 5	19 1/2 x 19 1/2 x 4 3/8	375	0.17	0.34	0.24	19.5
FC100A1037	1015871	1027581	1028452	20 x 25 x 5	19 3/4 x 24 7/8 x 4 3/8	375	0.17	0.34	0.24	25



# Dafco Filtration Group Facilities



## Broad Product Offering

HVAC  
Molecular  
Paint & Finishing  
Cleanroom  
Bio-Safety & Cleanbench  
Filter Media & Nonwovens  
Power Systems

## Customer Focused

In-house technical experts  
Rapid prototyping  
Flexible production  
In-house testing  
E-commerce  
Preferred stocking programs  
Extensive distribution network throughout North America  
Dedicated customer support

*"We will provide quality products that meet or exceed our customers' expectations while we pursue continuous improvements."*

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