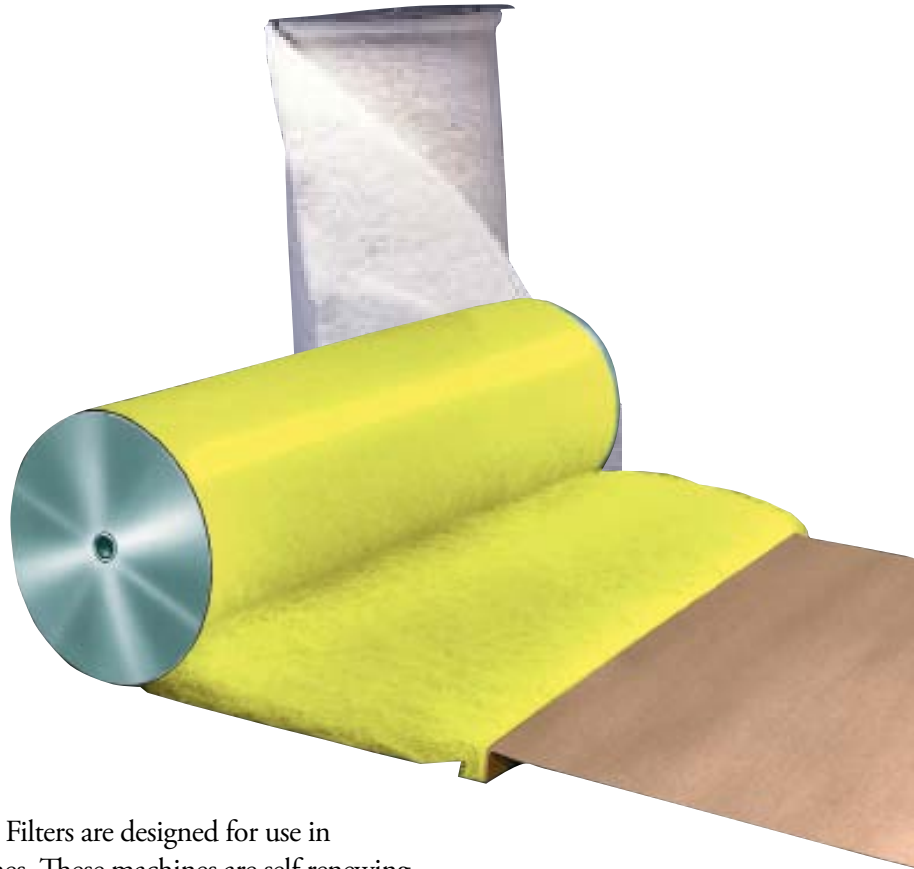




# Automatic Roll Filters

Replacements for all Auto Roll Filters



Airguard Automatic Roll Filters are designed for use in primary roll filter machines. These machines are self renewing, offering a new and clean section of air filter media either manually or automatically. Airguard Automatic Roll Filters are available for all machine types including:

- **AAF – Roll-O-Matic\***
- **Cambridge Auto Roll\***
- **Camfil Farr – Roll Kleen\***
- **Carrier 31NA & 31NC Roll Filters\***
- **Continental – Conomatic or Conomanual\***
- **Trane Company Roll Filter\***

*\* Trade names are used for identification purposes only*

Airguard Automatic Roll Filters have been selected for use by industrial facilities, commercial buildings, government installations, schools and universities, and many other owners of automatic roll equipment. The Airguard replacement roll fits all existing requirements without modification, and filtration performance is guaranteed to equal or surpass original equipment.

# Automatic Roll Filters

## Replacements for all Auto Roll Filters

### Introduction

Airguard automatic roll filters are manufactured in modern facilities, utilizing the most advanced and sophisticated equipment and techniques to ensure a high performing product every time. With the equipment owner in mind, Airguard developed techniques to eliminate all potential problems during installation and operation of the filter. Additionally, Airguard's continuous improvement and R&D programs provide the finest air filter media available for virtually any application.

Airguard uses proper roll up techniques, eliminating the problems with which roll filter equipment owners have had in the past. Produced under a carefully controlled process to ensure proper tension and straight windup throughout the roll, Airguard roll filters are delivered to the airstream in the correct configuration.

Lastly, all roll filters are furnished with heavy kraft trailers and leaders sewed to each roll end to ensure ease of installation. Separately packed and sealed in heavy plastic bags, all roll filters are delivered in separate cartons.

All rolls are standard length\*. Each carton contains printed data indicating all approvals and coding performance characteristics. Airguard Automatic roll filters are all tested in accordance with ASHRAE Standard 52.1-1992. Test results are available upon request.

\* Refer to Product Bulletins

## Media Selection Information

### Airguard offers a variety of media styles

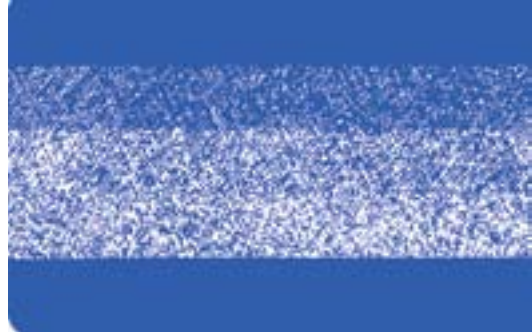
Every system differs in many ways, including but not limited to airflow, relative humidity, temperature conditions, and filtration level required. As such, no one filter media solves every problem. Airguard offers six different automatic roll filter media options. Two are manufactured from fiberglass and four from synthetic fibers. Each owner of roll filter equipment can therefore evaluate his or her own air system and select the Airguard media that meet its specific needs.

That said, no matter what media is selected they all have several common features which include:

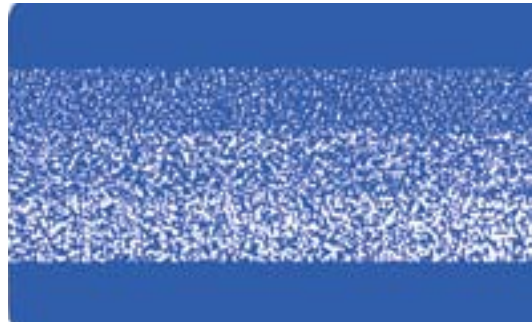
**Scrim Backing** – All Airguard roll filter media options are furnished with a scrim net backing to ensure proper airstream configuration regardless of system conditions.

**Air Filter Adhesive** – Adhesive is applied to each square foot of media at a measured rate to ensure maximum filtration. This colorless and odorless adhesive will not run, drip, or melt at constant operating temperatures up to 150F.

**Graded Density Design** – All Airguard automatic roll filter media is designed with progressive density from front to rear (air entering to air leaving) to promote maximum dirt loading throughout. The dirt and dust buildup throughout the media blanket provides longer life and more efficient filtration.



The fiberglass media is constructed of a multitude of fiberglass strands that form a graduated density for maximum dirt arresstance throughout the media.



The synthetic media is constructed of high loft virgin polyester with gradient fiber density that permits even depth loading and long life.



All Airguard roll filters are manufactured to exact specifications and dimensions of the original equipment, ensuring easy installation and operating efficiency.

# Size and Selection Guide

## System: American Air Filter Roll-O-Matic\*

Filter Size	Actual Core Width	Model Designation
3	32-3/4"	3AE
4	44-3/4"	4AE
5	56-3/4"	5AE
6	68-3/4"	6AE
21	20-1/4"	21AE
22	22-1/4"	22AE
25	24-7/8"	25AE
32	31-7/8"	32AE
39	38-1/2"	39AE
40	39-7/8"	40AE

## System: Cambridge\* and/or Electro Air\*

Filter Size	Actual Core Width	Model Designation
2	23-7/8"	2CB
3	32-7/8"	3CB
4	44-7/8"	4CB
5	56-7/8"	5CB
6 (Series I & II)	65-7/8"	6CB
6 (Series III)	68-7/8"	6HCB

## System: BLC and Airguard\*

Filter Size	Actual Core Width	Model Designation
2	24-5/8"	10B
3	34-5/8"	11B
4	46-5/8"	12B
5	58-5/8"	13B
6	70-5/8"	14B
7	38-5/8"	15B

## System: Continental Conomanual & Conomatic\*

Filter Size	Actual Core Width	Model Designation
2	21-7/8"	2C
3	31-7/8"	3C
4	43-7/8"	4C
5	55-7/8"	5C
6	67-7/8"	6C
36	35-7/8"	36C

## System: Camfil Farr Co. Roll Kleen Filters\*

Filter Size	Actual Core Width	Model Designation
3	33"	3F
4	45"	4F
5	57"	5F
6	69"	6F
12	9"	12F
18	15"	18F
22	21"	22F
28	27"	28F
32	33"	32F
38	39"	38F
42	45"	42F
48	51"	48F
52	57"	52F
20	21"	20F
26	27"	26F
30	33"	30F
36	39"	36F
40	45"	40F
46	51"	46F
50	57"	50F

## System: Carrier Corporation\*

Filter Size	Actual Core Width	Model Designation
31NA-20	26-1/4"	2CR
31NA-40	37-1/4"	3CR
31NA-50	47-1/4"	4CR
31NA-60	61-1/4"	6CR
31NA-20	23-1/2"	24CR
31NA-40	34-1/2"	35CR
31NA-50	44"	44CR
31NA-60	58"	58CR
31NA-70	68"	68CR

## System: Trane Company Roll Filters\*

Filter Size	Actual Core Width	Model Designation
RF3	19-3/8"	3T
RF6	21-3/8"	6T
RF7	19-3/8"	3T
RF8	31-3/8"	8T
RF9	21-3/8"	6T
RF10	31-3/8"	8T
RF12	35-3/8"	12T
RF14	35-3/8"	12T
RF17	31-3/8"	8T
RF21	31-3/8"	8T
RF24	35-3/8"	12T
RF25	35-3/8"	12T
RF31	45-3/8"	31T
RF35	54-3/8"	35T
RF41	59-3/8"	41T
RF50	63-3/8"	50T
RF63	45-3/8" (2)	31T (2)
	25-3/4"	26T
	38-3/4"	38T
	50-1/4"	51T
	61-3/4"	61T

\* System and brand names used for identification purposes.

NOTE: Model Designations Indicate the Airguard reference for specific machine type or width. To complete the Model Number, the media suffix must appear e.g. 3AE-FG (See Media Selection Chart for alternates).

# Automatic Roll Filters

Replacements for all Auto Roll Filters

## Fiberglass and Synthetic Media Options



### Fiberglass Media

The most popular of all air filter media for years, the fiberglass media reinforced with a thermosetting bonding agent forms this highly resilient blanket.

**Type CF** – Where the customer preference for economy is paramount, CF Media is made with lighter weight fiber content.

**Type YTS** – YTS delivers more for each dollar spent in media. This media outperforms virtually all competitive roll filter media. Recommended for use in normal dirt conditions and in applications with 500 FPM (2000 CFM) velocities.



### Synthetic Media

For those customers preferring synthetic air filter media, Airguard offers four styles. Constructed from post-consumer recycled polyester high loft bulk fibers, synthetic media has increased steadily in popularity, particularly in the food, pharmaceutical, and electronic components industries.

**Type DSF (1/2")** – The most widely used synthetic auto roll media, the purchase price is approximately equal to comparable glass rolls. Recommended for use in normal dirt conditions and in applications with 500 FPM (2000 CFM) velocities.

**Type DMC (1")** – A specially designed, heavy weight polyester synthetic media, Type DMC is particularly suited for industrial applications or other installations with heavy dirt loads. A fully lofted media with a scrim net backing make it an appropriate choice for more extreme conditions.

**Type DL-I (1")** – This unique media is recommended for applications involving high velocity and heavy dirt loads. Type DL-1 delivers high dirt arrestance values.

**Type DL-II (2")** – This thick, resilient blanket performs like high quality fiberglass but with the advantages of a synthetic media. High dust holding and high arrestance characterize this media.

A-AUTOROLL-1015



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CLARCOR Air Filtration Products  
100 River Ridge Circle • Jeffersonville, IN 47130  
Customer Service: 1-866-247-4827 • Fax: 1-866-601-1809  
Email: [mailbag@airguard.com](mailto:mailbag@airguard.com) • [www.clclair.com/airguard](http://www.clclair.com/airguard)

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