

## AUTOMATIC ROLL FILTERS

- Progressively Dense Fiberglass or 100% Non-Woven Polyester
- Scrim Backing
- Heavy-Duty Paper Leader and Trailer

### FEATURES

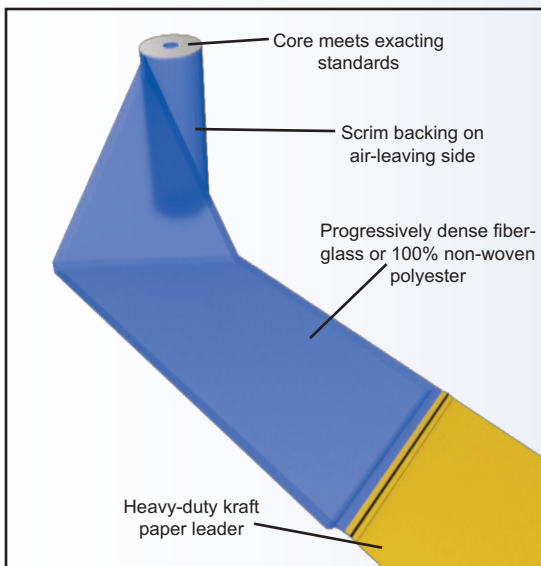


Glasfloss manufactures a complete line of roll filters for automatic roll machines. Glasfloss Automatic Roll Filters are designed to replace the original equipment filter with no modification. Glasfloss Automatic Roll Filters are available in different grades of fiberglass and polyester media in most standard widths.

Industrial facilities, commercial buildings, government installations, schools and universities use Glasfloss Automatic Roll Filters. Whether the automatic roll machine is vertical or horizontal, Glasfloss Automatic Roll Filters are available on cores designed to fit all major roll machine manufacturers.



### APPLICATIONS



### SPECIFICATIONS



Glasfloss Automatic Roll Filters are designed to fit in automatic, semi-automatic and manual type roll filter machines without modification to existing hardware. Glasfloss Roll Filters shall incorporate progressively dense fiberglass media or 100% non-woven polyester media. For added strength, the progressively dense fiberglass and 100% non-woven polyester grades of media shall incorporate a scrim backing on the air-exit side. Glasfloss Automatic Roll Filters shall incorporate a heavy-duty paper leader and trailer that is sewn to the media. The automatic roll filter's media standard length shall be sixty-five feet.

## Fiberglass Specifications

> EC II

EC II Automatic Roll Filters shall consist of a nominal 2" thick continuous filament fiberglass of graduated density with a unidirectional scrim backing. EC II media shall be blue in color. EC II media is engineered for moderate dust-loading applications. The fiberglass shall be treated with a non-toxic, odor-free, non-migratory tackifier. Heavy-duty kraft paper leader and trailer shall be sewn to the media to facilitate installation and removal. The media shall be wound on the specified core and shall be compatible for installation into the original equipment without modification. The media shall be sixty-five feet in length. The media shall have a 77% Average Arrestance per ANSI/ASHRAE 52.2 Test Standard. EC II Automatic Roll Filters shall incorporate media that is classified under U.L. std. 900.

## Polyester Specifications

> 1250

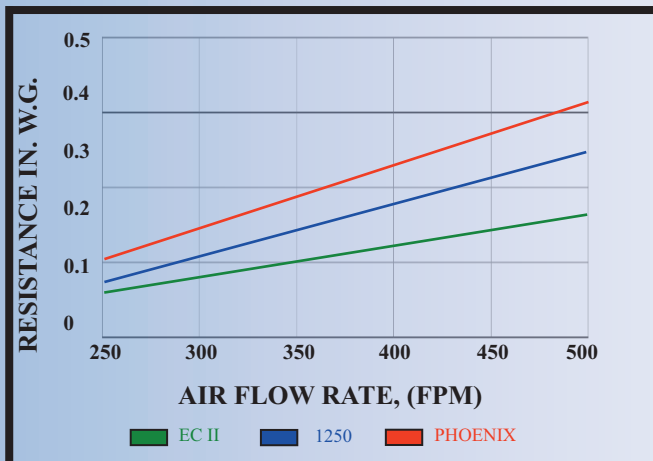
1250 Automatic Roll Filters shall consist of a nominal 5/8" thick 100% non-woven polyester media with a scrim backing. 1250 media is engineered for moderate dust-loading applications. 1250 media shall be white in color. Heavy-duty kraft paper leader and trailer shall be sewn to the media to facilitate installation and removal. The media shall be wound on the specified core and shall be compatible for installation into the original equipment without modification. The media shall be sixty-five feet in length. The media shall have a 70% Average Arrestance per ANSI/ASHRAE 52.2 Test Standard. 1250 Automatic Roll Filters shall incorporate media that is classified under U.L. std. 900.

> PHOENIX

PHOENIX Automatic Roll Filters shall consist of a nominal 3/4" thick 100% non-woven polyester orange and white media with a scrim backing. Phoenix media is engineered for heavy dust-loading applications. Phoenix media is impregnated during manufacturing with a non-migratory tackifier. Heavy-duty kraft paper leader and trailer shall be sewn to the media to facilitate installation and removal. The media shall be wound on the specified core and shall be compatible for installation into the original equipment without modification. The media shall be sixty-five feet in length. The media shall receive a MERV 7 rating per ANSI/ASHRAE 52.2 Test Standard. Phoenix Automatic Roll Filters shall incorporate media that is classified under U.L. std. 900.

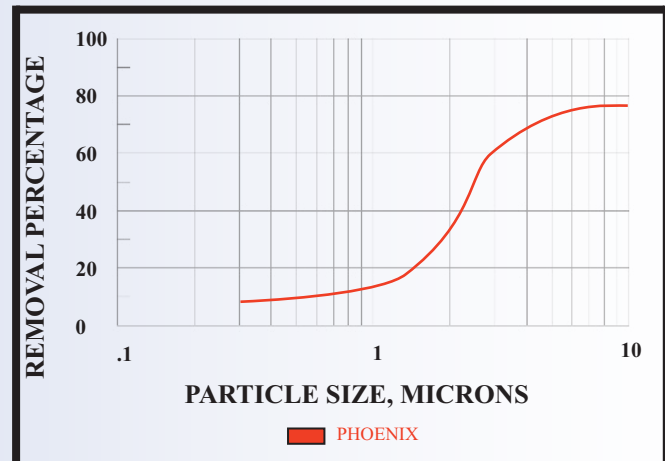
### STANDARD PRESSURE DROP

Test Filter Size 24" x 24" Nominal



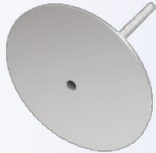

### MINIMUM PARTICLE SIZE EFFICIENCY


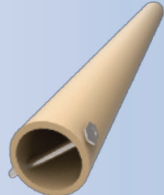
Test Filter Size 24" x 24" Nominal


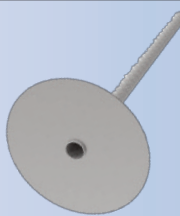


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## Automatic Roll Filter Core Identification Guide

<b>American Air</b> Roll-O-Matic Kennard Herman- Nelson = 8" end plates Electro-Air	Type AA core is 3/4" metal pipe. Core ends are 15/16" and 13/16" with end disks of 11" diameter on both ends.		<u>Roll Width</u> 20-1/4" 22-1/4" 24-3/4" 31-7/8" 32-3/4" 38-1/2" 39-7/8" 44-3/4" 56-3/4" 68-7/8"	<u>*Model</u> 21AA 22AA 25AA 32AA 03AA 39AA 40AA 04AA 05AA 06AA	<b>Farr</b> Automatic Manual	Type FA core is 2-1/8" I.D. Notched fiberboard tube with no drive pin, discs or cups. Most Farr V-8 (vertical) units use a 1-3/4" I.D. core.		<u>Roll Width</u> 8-3/4" 14-3/4" 20-3/4" 26-3/4" 32-3/4" 38-3/4" 44-3/4" 50-3/4" 56-3/4" 68-3/4"	<u>*Model</u> 09FA 15FA 21FA 27FA 03FA 39FA 04FA 51FA 05FA 06FA
	Glasfloss ID Code <b>AA</b>	Glasfloss ID Code <b>FA</b>							

<b>Cambridge</b> Auto Roll	Type CA core is 3/4" metal pipe. Core ends are 15/16" and 13/16". Metal discs available, specify when ordering.		<u>Roll Width</u> 23-3/4" 32-3/4" 44-3/4" 56-3/4" 65-3/4" 69"	<u>*Model</u> 02CA 03CA 04CA 05CA 06CA 69CA	<b>Continental</b> Conomanual Conomatic Commercial Full-Flo Mine Safety Appl. (MSA)	Type CO core is 3" I.D. fiberboard tube with drive pin 2-1/2" from one end of tube only. No cups or discs are used.		<u>Roll Width</u> 21-7/8" 31-7/8" 43-7/8" 55-7/8" 67-7/8"	<u>*Model</u> 02CO 03CO 04CO 05CO 06CO
	Glasfloss ID Code <b>CA</b>	Glasfloss ID Code <b>CO</b>							

<b>Trane</b> Carrier	Type TR (Trane) CR (Carrier) core is 2-7/16" I.D. fiberboard tube with a metal cup secured and recessed to a depth of 1-1/2" in each end. The cups are stamped to form a 1-1/2" square.		<u>Roll Width</u> 19-3/8" 21-3/8" 25-3/4" 31-3/8" 35-3/8" 38-3/4" 45-3/8" 50-1/4" 54-3/8" 59-3/8" 61-3/4" 63-3/8"	<u>*Model</u> 19TR 21TR 25TR 31TR 35TR 38TR 45TR 50TR 54TR 59TR 61TR 63TR	<b>BLC</b>	Type BLC core is 1-1/2" I.D. EMT Conduit with 11" end plates recessed 1-3/8" from each end of core.		<u>Roll Width</u> 34-5/8" 46-5/8" 58-5/8" 70-5/8"	<u>*Model</u> 35BLC 47BLC 59BLC 71BLC
	Glasfloss ID Code <b>TR</b>	Glasfloss ID Code <b>BLC</b>							

\*The model number must be added as a suffix to the corresponding media designation to obtain proper part number.

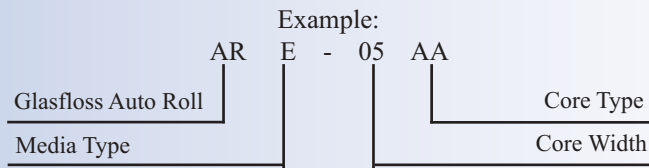
**> AUTOMATIC ROLL FILTER SPECIFICATIONS**

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**> AUTOMATIC ROLL FILTER MEDIA SPECIFICATIONS**

- E: EC II - Nominal 2" fiberglass media with unidirectional scrim backing. The Media shall be blue in color. For moderate dust-loading applications.
- P: 1250 - Nominal 5/8" 100% Non-woven polyester media with scrim backing. The media shall be white in color. For moderate-dust loading applications.
- X: Phoenix - Nominal 3/4" 100% Non-woven polyester media with scrim backing. The media shall be orange and white in color. Tackified for heavy dust-loading applications.

**Glasfloss Automatic Roll Filter Ordering Code**



Glasfloss is proud to be an Energy Star Partner. The Energy Star Service and Product Provider Partnership is available to organizations that provide energy efficiency related products and/or services to the commercial buildings and industrial plants in the United States.



Glasfloss manufactures a variety of medium and high efficiency air filters which can be specified for LEED certification applications. For specific information on these products, please contact your local Glasfloss Sales Representative.



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