

# Automatic Roll Filters

## Replacement Roll Filters



### DESIGNED TO FIT:

American Air Filter Roll-O-Matic™

Continental Conomatic and Conomanual™

Farr Roll Kleen™

Cambridge Electro-Aire™

Carrier™

Commercial FulFlo™

Trane Roll Filter™

Air Maze Roll-A-Maze™

Mine Safety Appliances Roll-Aire™

All major unit ventilator equipment

### Koch Automatic Roll Filters

Koch Filter Corporation manufactures replacement roll filters for all existing roll filter equipment.

All Koch Automatic Rolls, regardless of type of original equipment, are guaranteed to meet or exceed specifications. To insure easy installation, paper leaders and trailers are furnished with each roll. In addition, every roll is subjected to a rigid quality control inspection of the media and winding technique before shipping.

### Automatic Roll Filter Media

Koch Automatic Roll Filters are presently in applications such as hospitals, commercial buildings, major universities, and industrial systems of all types. In order to meet the hundreds of requirements found in these systems, 3 unique Roll Filter Medias have been developed. Each media has been engineered to handle specific conditions such as heavy dirt loads, variable air volumes, varying humidity levels, and individual customer preferences.

Koch Automatic Rolls are available in 2 grades of synthetic media (P, MD), and 1 grade of glass fiber media (GD). All 3 styles consist of progressively dense media and adhesive to enhance dust holding capacity. A full-width integral backing on every roll provides protection against necking and fiber break-off. Consult your local Koch representative to find the right media for your equipment. For complete technical data and recommended applications, see page 2.

### Type P Synthetic Media

Constructed of 100% polyester fibers. It is designed for commercial and industrial applications where a synthetic media is preferred, such as hospitals and food processing operations. A true progressive density media, Type P has excellent strength and will not collapse as dirt and resistance build up.

Type P auto roll media is white in color, 65' long and scrim-backed.

### Type MD Synthetic Media

Type MD is constructed of 100% high loft polyester fibers. MD is an extremely resilient media with a minimum loft of 1.5" in the airstream. The media is designed for applications where media strength and a high level of filtration are vital. Because the product contains no fiberglass, it is popular in hospital and food processing plants where no fiber-breakoff is permitted.

Type MD Auto Roll Media is white in color, 45' long and scrim-backed.

### Type GD Fiberglass Media

Type GD consists of high quality spun glass and is designed for most commercial and industrial applications where air velocity and dirt are normal (500 fpm). Type GD offers an excellent combination of high quality and low initial purchase price.

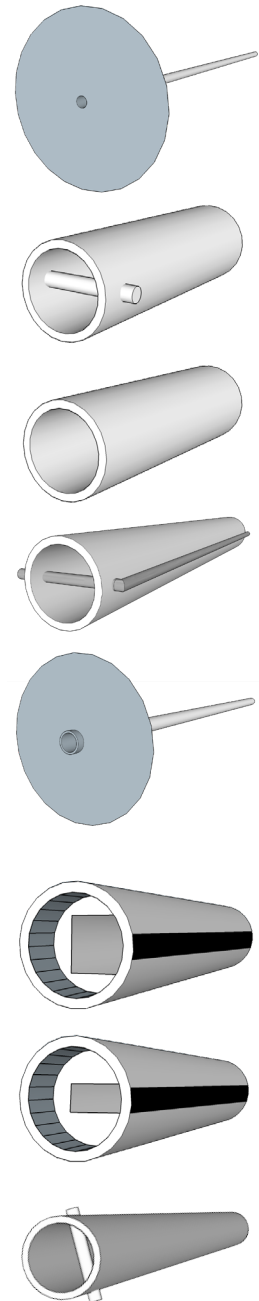
Type GD Auto Roll Media is 65' long, scrim-backed, with a blue tint on the air entering side.

## Technical Data and Physical Characteristics

Media Size	TYPE P	TYPE MD	TYPE GD
Efficiency	70 to 85 Percent Arrestance	70 to 85 Percent Arrestance	70 to 85 Percent Arrestance
Dust Holding Capacity (PSF)	84 grams	106 grams	70 grams
Initial Resistance	.07 w.g.	.19 w.g.	.14 w.g.
Media Type	Synthetic with Scrim	Synthetic with Scrim	Fiberglass with Scrim
Roll Length	65'	45'	65'
Nominal Thickness	3/4"	1 1/2"	1 3/4"
Media Weight	4 oz/yd <sup>2</sup>	11 oz/yd <sup>2</sup>	15 gm/ft <sup>2</sup>
Color Code	White	White	Blue

## Automatic Roll Filter Core Identification

	Roll Width	Model No*	Roll Width	Model No*
<b>Type A Core</b> Designed to fit American Air Filter "Roll-o-Matic." Core consists of 3/4 I.D. metal pipe with metal end plates approximately 11" in diameter attached on each end.	22 3/4"	A2	24 7/8"	A25
	32 3/4"	A3	31 7/8"	A32
	44 3/4"	A4	38 1/2"	A39
	56 3/4"	A5	39 7/8"	A40
	68 3/4"	A6		
	20 1/2"	A21		
	22 1/4"	A22		
<b>Type C Core</b> Designed to fit Continental "Contomanual" or "Conomatic." Core consists of 3" I.D. fiberboard tube with a drive pin 2-1/2" from one end of core. Also available in metal core.	21 7/8"	C22	55 7/8"	C5
	31 7/8"	C3	67 7/8"	C6
	43 7/8"	C4	35 7/8"	C36
<b>Type F Core</b> Designed to fit Farr "Roll Kleen." Core consists of 2-1/8" I.D. fiberboard tube. No drive, discs or cups.	33"	F3	15"	F18
	45"	F4	21"	F20
	57"	F5	27"	F26
	69"	F6	39"	F36
	9"	F12	51"	F46
<b>Type E Core</b> Designed to fit Cambridge "Electroaire." Core consists of 3/4" metal pipe. No end plates unless specified on order.	23 7/8"	E2	56 7/8"	E5
	32 7/8"	E3	65 7/8"	E6
	44 7/8"	E4	68 7/8"	E6 III
<b>Type B Core</b> Designed to fit BLC Automatic Roll* machines. Core consists of 1-1/2" diameter metal tube with 11" end plates recessed approximately 1-3/8" from the end of the core.	24 5/8"	B2		
	34 5/8"	B3		
	46 5/8"	B4		
	58 5/8"	B5		
	70 5/8"	B6		
<b>Type T Core</b> Designed to fit Trane company "Roll-Filter." Core consists of 2-7/16" I.D. fiberboard tube with metal cup in each end, recessed 1 1/2". A 1-1/2" square is stamped in each cup.	19 3/8"	T3, T7	59 3/8"	T41
	21 3/8"	T6, T9	63 3/8"	T50
	31 3/8"	T8, T17, T21	25 3/4"	T26
	35 3/8"	T12, T24, T25	38 3/4"	T39
	45 3/8"	T31	50 1/4"	T51
	54 3/8"	T35	61 3/4"	T62
<b>Type AM Core</b> Designed to fit Airmaze "Roll-A-Maze." Core consists of 1-7/8" I.D. fiberboard tube with metal cup recessed 5/8" in each end. A rectangular slot, 1-1/2 x 3/4 is stamped in each cup.	20 1/2"	AM2	56 1/2"	AM5
	32 1/2"	AM3	68 1/2"	AM
	44 1/2"	AM4		
<b>Type K Core</b> Designed to fit Commercial "FulFlo" and Mine Safety Appliance machines. Core consists of 3" I.D. fiberboard tube with drive pin 2-1/2" from one end.	33"	K3	21"	K20
	45"	K4	27"	K26
	57"	K5	39"	K36
	69"	K6	51"	K46



\* Brand names used for identification only.