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 use throughout the world 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, five 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 three grades of synthetic media (P, MD, and ST), and two grades of glass fiber media (GD, GHD). All five 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 inside.

Each roll is furnished with core designed to fit original equipment machines including:

- **American Air Filter Roll-O-Matic**™
- **BLC Industries**™
- **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 Filter Corporation…Durable. Reliable. Versatile.

Type P Synthetic Media

Type P is 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 ST Synthetic Media

Type ST is composed of 100% synthetic fibers. The media is treated on the downstream side with a heavy coating of a specially formulated adhesive to enhance dust holding capacity and increase efficiency. Type ST is designed for any commercial or industrial installation. Because of the excellent performance characteristics offered by this specialized media, Type ST is popular in hospitals and in applications where clean air is critical.

Type ST Auto Roll Media is white in color, 65' long, tackified and scrim-based.

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 dit 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.
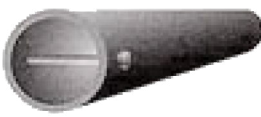
Type GHD Fiberglass Media

Type GHD is a premium heavy duty media designed for use in applications where extreme conditions exist or where levels of contaminant require special filtration capacity. GHD contains the highest concentration of glass and adhesive gel of any Koch Auto Roll Media.

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

Koch Automatic Roll Filters *Technical Data and Physical Characteristics*

Media Size	TYPE P	TYPE MD	TYPE ST	TYPE GD	TYPE GHD
Average Dust Arrestance	72%	78%	78%	80%	89%
Dust Holding Capacity (PSF)	84 grams	106 grams	85 grams	70 grams	80 grams
Initial Resistance	.07 w.g.	.19 w.g.	.06 w.g.	.14 w.g.	.24 w.g.
Fiber Type	Synthetic	synthetic	Synthetic	Fiberglass	Fiberglass
Roll Length	65'	45'	65'	65'	65'
Nominal Thickness	3/4"	1-1/2"	3/4"	1-3/4'	3"
Media Weight	7 oz/yd^2	11 oz/yd^2	7 oz/yd^2	20-25 gm/ft^2	30-35 gm/ft^2
Color Code	White	White	White	Blue	Yellow

Automatic Roll Filter Core Identification

	Roll Width	Model NO*	Roll Width	Model No.*	
Type A Core 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" 32-3/4" 44-3/4" 56-3/4" 68-3/4" 20-1/2" 22-1/4"	A2 A3 A4 A5 A6 A21 A22	24-7/8" 31-7/8" 38-1/2" 39-7/8"	A25 A32 A39 A40	
Type C Core 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" 31-7/8" 43-7/8"	C22 C3 C4	55-7/8" 67-7/8" 35-7/8"	C5 C6 C36	
Type F Core Designed to fit Farr "Roll Kleen." Core consists of 2-1/8" I.D. fiberboard tube. No drive, discs or cups.	33" 45" 57" 69" 9"	F3 F4 F5 F6 F12	15" 21" 27" 39" 51"	F18 F20 F26 F36 F46	
Type E Core Designed to fit Cambridge "Electoaire." Core consists of 3/4" metal pipe. No end plates unless specified on order.	23-7/8" 32-7/8" 44-7/8"	E2 E3 E4	56-7/8" 65-7/8" 68-7/8"	E5 E6 E6 III	
Type B Core 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" 34-5/8" 46-5/8" 58-5/8" 70-5/8"	B2 B3 B4 B5 B6			
Type T Core 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" 21-3/8" 31-3/8" 35-3/8" 45-3/8" 54-3/8"	T3,T7 T6,T9 T8,T17,T21 T12,T24,T25 T31 T35	59-3/8" 63-3/8" 25-3/4" 38-3/4" 50-1/4" 61-3/4"	T41 T50 T26 T39 T51 T62	
Type AM Core 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 slo, 1-1/2 x 3/4 is stamped in each cup.	20-1/2" 32-1/2" 44-1/2"	AM2 AM3 AM4	56-1/2" 68-1/2"	AM5 AM6	
Type K Core 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" 45" 57" 69"	K3 K4 K5 K6	21" 27" 39" 51"	K20 K26 K36 K46	

* Brand names used for identification only.

Filter
Services of Indiana, Inc.

Louisville, KY ›
Headquarters, Manufacturing Plant,
and Regional Sales Office

East Greenville, PA
Manufacturing Plant
and Regional Sales Office
▾

Serving
The World

Mira Loma, CA
Manufacturing Plant
and Regional Sales Office ▴

◂ **Houston, TX**
Manufacturing Plant
and Regional Sales Office

Founded in 1966 by Joseph M. Koch, Jr., Koch Filter Corporation is a world class manufacturer of air filtration products. Koch Filter is recognized globally for its premier brand of high efficiency air filtration products and the industry's broadest range of air filters for any application. Our wide array of filtration products is currently installed in over 50,000 commercial, medical and industrial accounts worldwide.

Look for the Koch Green icon! Whenever you see the Koch Green icon, we are identifying a product that meets or exceeds our criteria in one or more of the following categories: *Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.*

Distributed by

Filter Services of Indiana
1550 Indiana Ave.
Indianapolis, Indiana 46202
317-264-2123