

AUTO LINE

AUTOMATIC AIR FILTRATION

Constant Pressure Drop — it's more important than you think... Achievable only with a renewable source media process, where BLC AutoRolls act as roughing filters collecting large particulates over virtually any size area. Captured, these particulates are then automatically indexed toward the used portion of the roll media, introducing a new or clean media area to the air stream. This results in...

**CONSTANT
PRESSURE
DROP!**

A result that yields a uniform air flow delivering consistent System CFM, less pressure or strain applied to fan, coils, etc., and extended renewable source filtering capacity as opposed to lesser, ordinary systems. A result that pays off in energy savings, maintenance time, labor costs, and the extended life of more expensive second and third stage high efficiency filters.



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Ink/Lint Master



Roll Covers protect the integrity of the open media blanket, ensuring consistent delivery of air flow while maintaining constant pressure across the fan.



An Expanded Stainless Steel Media Support forces particulates to impregnate the media, layer heavily and accumulate across its surface, until efficiently rolled onto the Used Media take-up roll.



Pressure Controls reliably index the media as particulates accumulate and activate the Heavy Duty 1/3 HP Drive Motor with a separate gear-reducer for added performance.

BLC's Ink/Lint Master is designed specifically for the removal of textile lint, laundry lint, pressroom ink mist, oil mists and smokes, flour and cotton dusts, tobacco dusts, and process debris. Customized options, convenient maintenance access, reliability and ease of operation, along with a 1 Year All Parts Warranty ensure a dependable service life.

- 100% Factory Assembled
- Rugged Steel Construction
- Stainless Steel Media Support
- Pressure Control System
- Heavy Duty 1/3 HP Motor
- Separate Gear-Reducer
- Push-Button Advance
- Media Run-Out Signal Light

AR-Horizontal



Fully gasketed access doors are provided at each end of the Horizontal AutoRoll, facilitating the installation and removal of the roll media. BLC's AutoRolls are activated and indexed by Timer, Pressure, Photoelectric — or a combination of these controls with one major or overriding sequence. Diversification in the selection of controls allows for precise advancement of the media blanket, providing optimal management or application of the AutoRoll.

The Horizontal AutoRoll advances media which is progressively denser from the air-entering side to the air-leaving side, with a scrim backing for full media support. This provides extensive dust arresting capacity. Heavy Dust Loading Capacity, Special Options and Multi Filtering Stages allow BLC to customize Equipment for very particular/specialized filtering applications.

- 100% Factory Assembled
- Rugged Steel Construction
- Inside or Outside Drive — Standard
- 1/8 HP Motor — 120 V. 50/60 HZ.
- Timer or Pressure Control Systems
- Push-Button Advance
- Media Run-Out Signal Light
- Fully Gasketed Access Doors

AR-Vertical



Area and capacity, that's what BLC's Vertical AutoRoll provides. With a maximum of 15 feet in height by virtually any width, enormous air volumes can fit practically any type of application. The air-leaving side of this unit makes evident its large area coverage, while the media guides and peripheral frame clearly demonstrate its ability to prevent air bypass.

The main objective in the design of the Vertical AutoRoll is to offer a rigorously manufactured Automatic Air Filtration System that is widely applicable, totally reliable, practical and easy to use. Economy, reliability and remarkable air filtering capability in an automatic, renewable media source, appliance. That's what BLC will deliver to you!

- 100% Factory Assembled
- Rugged Steel Construction
- Front Access/Optional Roll Covers
- Inside or Outside Drive — Standard
- 1/8 HP Motor — 120 V. 50/60 HZ.
- Timer or Pressure Control Systems
- Push-Button Advance
- Media Run-Out Signal Light

AUTOMATIC FILTRATION SOLUTIONS

S I Z E	Pressure Drop & Media Range*	AutoRoll Media	APPLICATIONS		
P A R T I C L E S a t 2 µ M t o 100 µ M	0.18" W.G. @ 500 FPM & 75% ARR.	 SRM - 1/2" Polyester Scrim Backed 65' Roll	 Vertical AutoRoll <i>or</i>	Front Loading Applications Plenums/Open Air Return Water Treatment Military Installations Holding Frame Banks	
	0.24" W.G. @ 500 FPM & 86% ARR.	 SSO - 1" Polyester Scrim Backed 65' Roll		 Horizontal AutoRoll	General Ventilation Existing HVAC Systems Laboratories Schools & Universities Chemical Plants Automatic Prefilter Maintenance Buildings Hospitals Mining & Dust Collection Nursing Homes Social Centers Aerospace
	0.28" W.G. @ 500 FPM & 90% ARR.	 SST - 2" Polyester Scrim Backed 45' Roll			New Construction — AHU Roof Top Units/Side Access Remote Locations Unitary — Self-Contained Air Handlers — Retrofits
	0.14" W.G. @ 500 FPM & 81% ARR.	 GRM - 2" Fiberglass Scrim Backed 65' Roll	 Ink/Lint Master		Pulp Paper Products Oil Mists & Smokes Lint/Textile Dusts Tobacco Dusts FDA Requirements Industrial Process Debris Commercial Laundry Ink/Printing Processes Pharmaceutical Industry Food Processing Cotton Dusts Flour Dusts
	0.36" W.G. @ 500 FPM VARIOUS ARR.**	 NCM - Polyester Spun Bonded 1,500' Roll			
	0.09" W.G. @ 500 FPM VARIOUS ARR.**	 PCM - Polyester Scrim Backed 450' Roll			

* 1 micron (1µM) = 0.000001 meter / Pressure Drop = Resistance vs Air Flow in Inch W.G. / ARR. = Arrestance.

** Arrestance Values for NCM or PCM Roll Media vary. Consult Factory for Specific Application Information.

RENEWABLE SOURCE MEDIA

As we enter into the next century, renewable source media units — AutoRolls — are destined to become the industry standard for low to medium ventilation and prefiltration applications. Technology has seized the day and overtaken the concept. New designs and absolute quality performance standards for components coupled with BLC's attention to details, understanding applications and commitment to total customer satisfaction enable BLC Industries to provide the best, most reliable AutoRoll ever manufactured.

OPTIONS

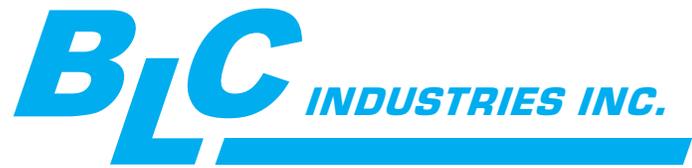
These are readily available AUTO-LINE options:

- STAINLESS STEEL/EPOXY
- ROOF TOP/WEATHERPROOF
- SPECIALIZED CONTROLS
- PHOTOCELL
- JACKSHAFT HEAVY DUTY
- NEMA RATINGS 3-13
- REVERSE AIR FLOW
- FAN INTERLOCKS
- ROLL COVERS
- ENCLOSURES/ADAPTERS

One Year All Parts Warranty

BLC Industries assures the quality and performance of the AUTO-LINE Series of AutoRolls by providing a 1 year All Parts Warranty on every BLC AutoRoll System. By guaranteeing the replacement of any failed component for 1 year, BLC is stating for the record : We stand behind our equipment! We guarantee quality!

For quality, economy, innovation and service...
It's always BLC!



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