

**NEW PRODUCT
DATA
AUTO-LINE™
SERIES HDV
PD-ALHDV-03A
JANUARY 2003**

**AUTOMATIC
AIR
FILTRATION
EQUIPMENT**

AUTO-LINE™ SERIES HDV

HEAVY DUTY AUTOROLL - VERTICAL

The most reliable and versatile roll-type filter on the market today is now offered by BLC with even more super Heavy Duty features which make it safe under the most severe conditions: an enclosed outside 1/3 HP capacitor start 120 V. 50/60 HZ. single-phase Heavy Duty drive motor with a separate gear-reducer, a photoelectric solid state NEMA 4 autosensor control box, a solid steel jackshaft, a spring-loaded compression panel, a No. 40 (.284) steel spool sprocket, a 2040 chain with 1 inch pitch, and many other Heavy Duty features.

5 YEAR ALL PARTS WARRANTY

In addition to its extraordinary ruggedness of construction, BLC's Heavy Duty Vertical AutoRoll also includes:

1. A guarantee for 5 years against mechanical failure.
2. Sections shipped 100% factory assembled and prewired.
3. AutoRoll rated at 600 FPM through net effective media area.
4. Possibility of standard air flow or optional reverse air flow.
5. Availability of other voltages and NEMA options.
6. STAINLESS STEEL CONSTRUCTION (PAPER MILL, WASTE WATER TREATMENT).



*Insert model number extension
to complete model number.*

MODEL NUMBER KEY
HDV**05**V110

HDV- Heavy Duty - Vertical
05- Width Code

V- Vertical (Model)
110- Unit Height in Inches

Mechanical Specifications

Standard Construction: AutoRoll units shall be provided fully assembled and meet sizes and capacities shown on plans and listed in the equipment schedule. All sheet metal components shall be constructed of aluminized steel and all fasteners and hardware shall be provided with a corrosion resistant finish. All roller and bearing surfaces shall use oil lite bushings and high impact plastics.

Control System: The AutoRoll's control system shall be rated NEMA 4. Power shall be 120 volt, supplied with a 24 volt step-down transformer. Controls shall be either solid state timer or differential pressure to be determined per specifications and customer requirements. The timer shall be a fully adjustable 24 hour timer. The differential pressure switch shall be factory set at 0.50" W.G. All systems shall be provided with a media run-out switch on each section, a media metering switch (*Timer Control units only*), a media run-out signal light and a Hand/Off/Auto switch.

Drive/Motor: The drive motor shall be 1/3 HP Heavy Duty capacitor start motor, 120V 50/60 HZ single-phase with separate gear-reducer and jackshaft provided for each section.

Clean Roll Cover and Clean/Used Roll Compression Panel: HDV AutoRolls shall be supplied with a clean roll cover. A clean and used media roll compression panel and system design shall provide tension across the media face to ensure a compressed take-up roll of used media.

Wrapper Panels: The Heavy Duty Vertical AutoRoll shall be provided with wrapper panels with standing flanges to fully enclose the unit.

Roll Media Supply: An initial supply of roll media shall be provided for the AutoRoll. The roll media shall be either BLC type "GRM" Fiberglass or BLC type "SRM" Synthetic Media. For other types of roll media that can be provided by BLC, consult factory.

Available Unit Options: Control Options: Timer/Pressure Override, Timer/Roll-Saver Switch, Timer/Pressure Override/Roll-Saver, Photocell.
Electrical Options: NEMA 3 through 13 (including Explosion Proof Groups). Construction Options: Used Roll Covers, Reverse Air Flow, Stainless Steel, Epoxy Coating.

Consult ALARV's Documentation & Factory for More Information about the ALHDV

Corporate Headquarters
P.O. Box 14187,
Louisville, Kentucky 40214
Phone: (502) 366-6002
Fax: (502) 366-6255

E-Mail: askus@blcind.com

www.blcind.com

BLC-WEST

Phone: (480) 839-5333
Fax: (480) 839-1584

We reserve the right to make changes in product design and product specifications without prior notice or obligation.

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