W. T. Maye, Inc. (WTMI) 1-877-705-9864 info@wtmi-usa.com www.wtmi-usa.com

P U L S

د ۳

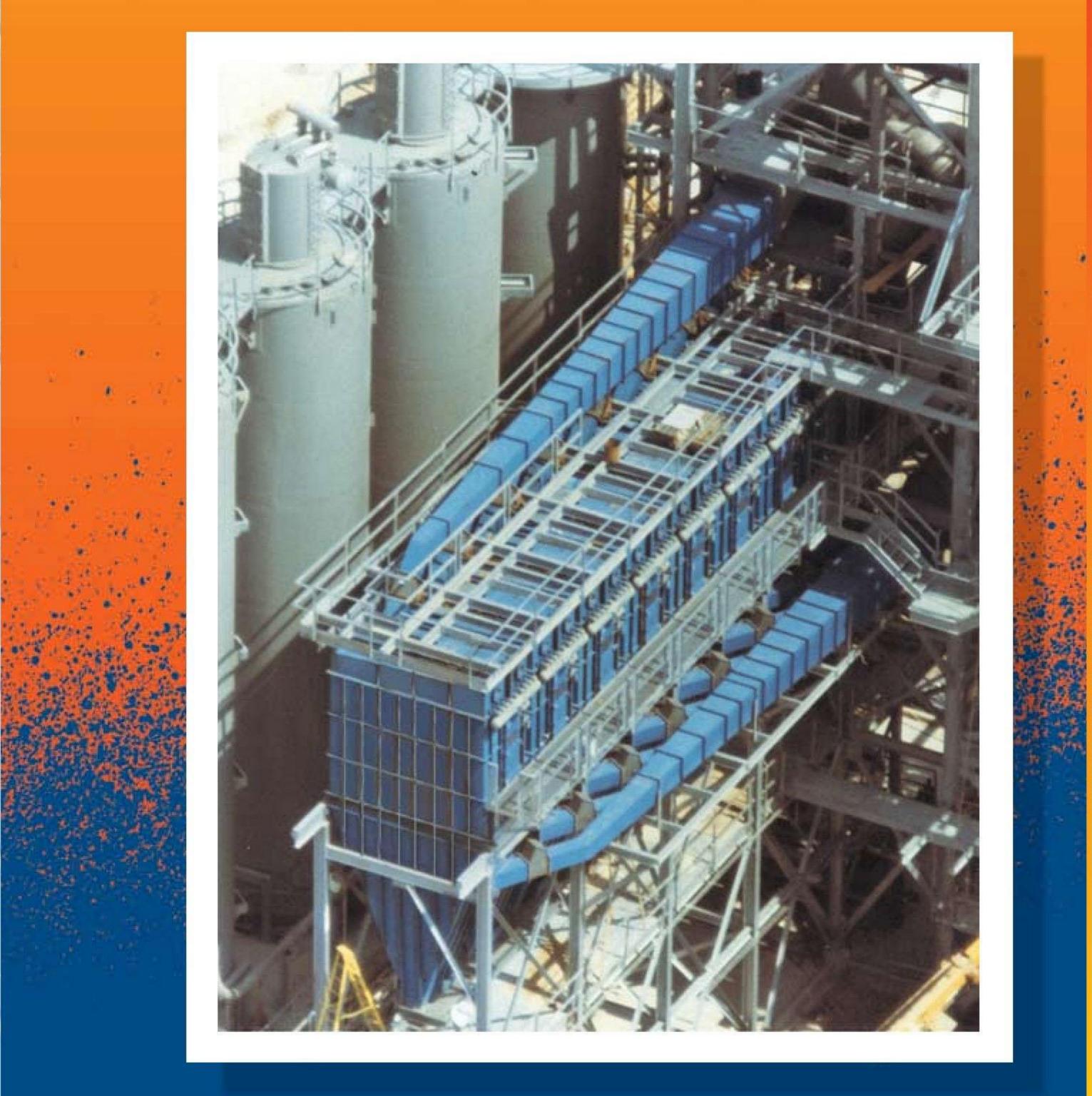
57

O R

5



Industrial Air Filtration Equipment



...a word about UNDUSTRIES, INC.

Ver 90 years of experience has gone into the design of the Ultra Industries collector. It features state of the art technology and incorporates the best product features and components found in the industry.
Ultra Industries has an experienced staff of dust collection engineers plus a network of technical sales representatives specifically selected for their industry experience. This combination of design, service and value establishes Ultra Industries as the innovative leader in the marketplace.



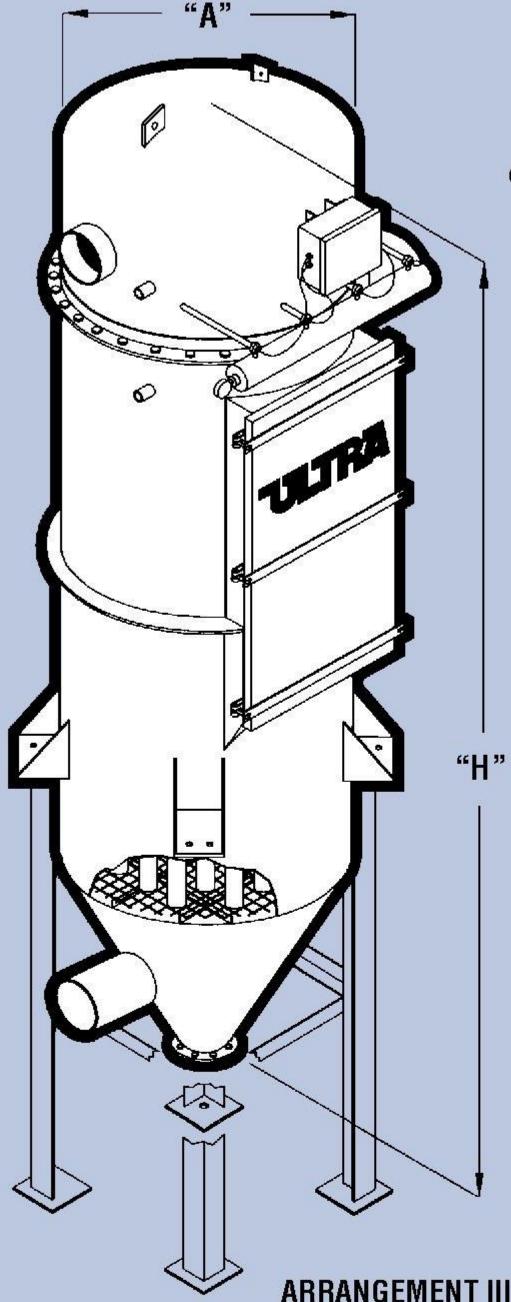
Design

Ultra Industries has designed and built dust collectors from miniature sizes to one of the largest single compartment collectors built to date by any manufacturer.

Application

Ultra Industries builds a collector for every application. Whatever the situation calls for, product recovery, air filtration or process dust control we are certain to have the solution to your problem.

High Vacuum, High Pressure Collector for Pneumatic Conveying



Lowest Maintenance Cost

... no moving parts. Convenient access doors for routine bag inspection.

MODEL CB (5¾" Bags)

MODEL CF (4½" Bags)

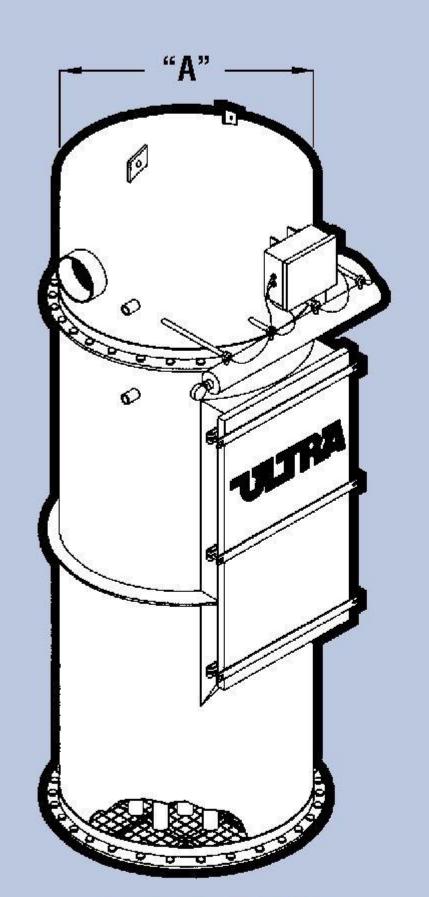
Solid State Timer

helps save energy, easily adjusts to vary pulse intervals and pulse durations.

Top Bag

removal available with walk-in plenum or easy lift off head for ease of maintenance.

Design Rating



± 100" W.G.

Design Rating ± 17" Hg.

Available platform and OSHA approved ladder

ARRANGEMENT IIIG (GRID PLATFORM OPTIONAL)

ARRANGEMENT IIG (GRID PLATFORM STANDARD)

	MODEL CB 5	³ ⁄⁄⁄" Diar	neter R	ans												
MODEL		CB7	CB10	CB14	CB18	CB24	CB34	CB39	CB48	CB58	CB65	CB80	CB102	CB124	CB133	CB16
COLLEC DIAME	CTOR TER (A)	2'0"	2'8"	3'0"	3'4"	4'0"	4'8"	5'0"	5'6"	6'0"	6'6"	7'0"	8'0"	8'6"	9'0"	10'0"
36" L	AREA (SQ. FT.)	30	43													
BAGS	H (HEIGHT)	6'6"	7'3"													
58" L	AREA (SQ. FT.)	50	72	101	130	173	245	281	346	418	468					
BAGS	H (HEIGHT)	8'4"	9'1"	9'4''	9'10"	10'5"	11'2"	11'5"	12'1"	12'8"	13'1"					
84" L	AREA (SQ. FT.)	74	106	148	191	254	360	414	509	615	689	848	1081	1315	1410	1739
BAGS	H (HEIGHT)	10'6"	11'3"	11'6"	12'0"	13'7"	13'4"	13'7"	14'3"	14'10"	15'3"	15'10"	16'11"	17'4"	17'9"	18'9"
100" L	AREA (SQ. FT.)			178	229	305	432	495	609	736	825	1016	1295	1574	1689	2082
BAGS	H (HEIGHT)			12'10"	13'4"	13'11"	14'8"	14'11"	15'7"	16'2"	16'7"	17'2"	18'3"	18"8"	19'1"	20'1"
120" L	AREA (SQ. FT.)											1225	1562	1899	2037	2512
BAGS	H (HEIGHT)											18'10"	19'11"	20'4"	20'9"	21'9'

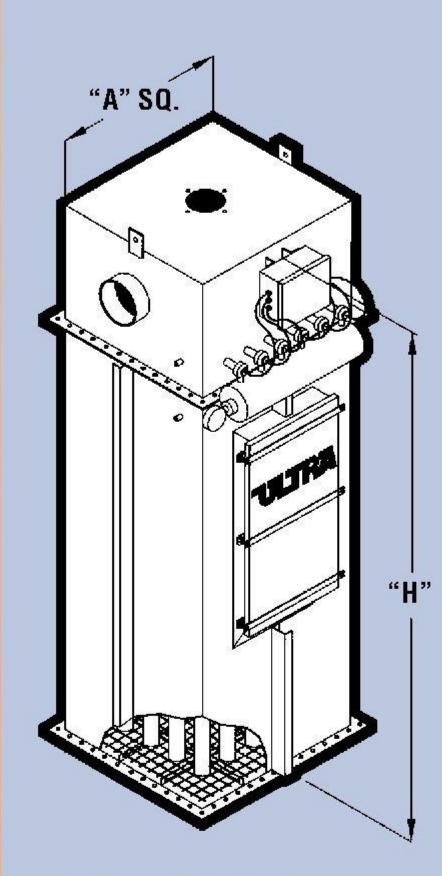
Compact Square Design For Bin Venting And Dust Control

Maximum Filtering Efficiency

removes up to 99.99% of dust particles at high air-to-cloth ratios.

Lowest Installed Cost

...bousing shipped assembled. Factory-installed air manifolds save hours of installation time.

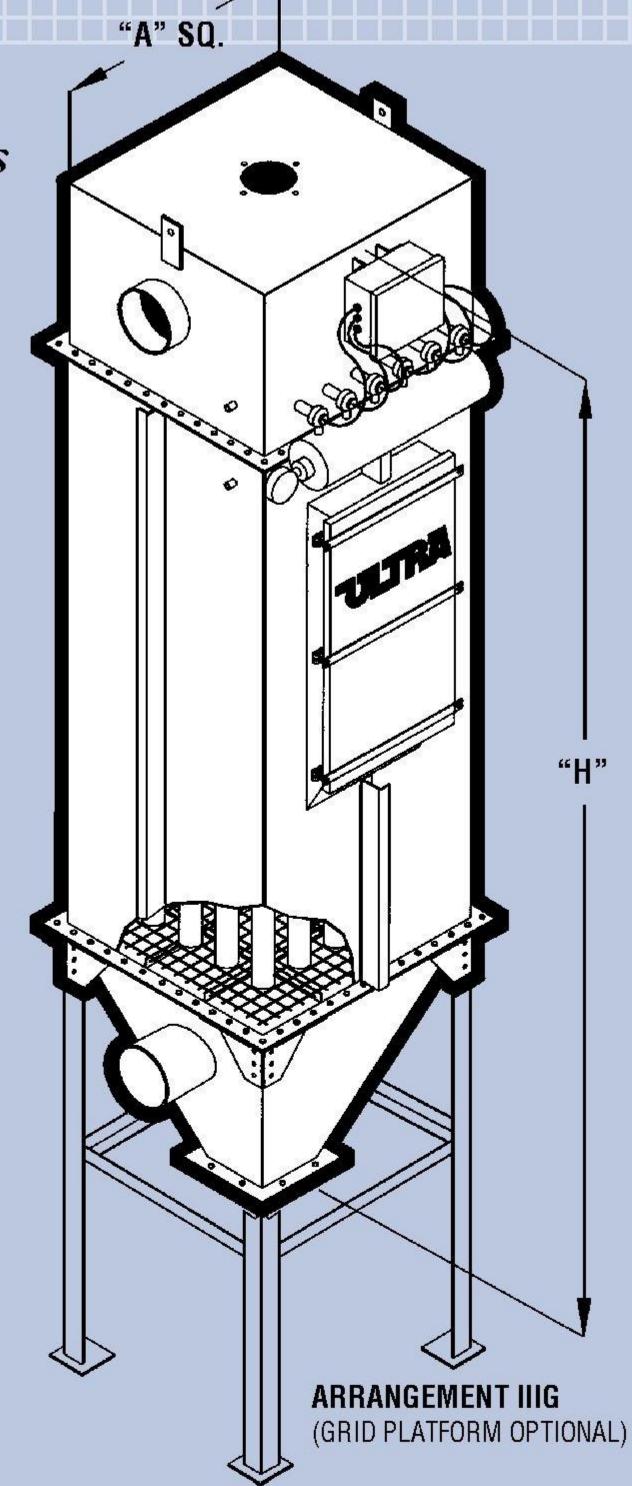


MODEL BB (5³/₄" Bags) MODEL SQ (4¹/₂" Bags)

Standard Construction ... all welded 12 gauge steel. Stainless available for special applications.

Convenient Access Doors permit quick entrance to dirty air plenum for routine bag inspection.

Top Bag



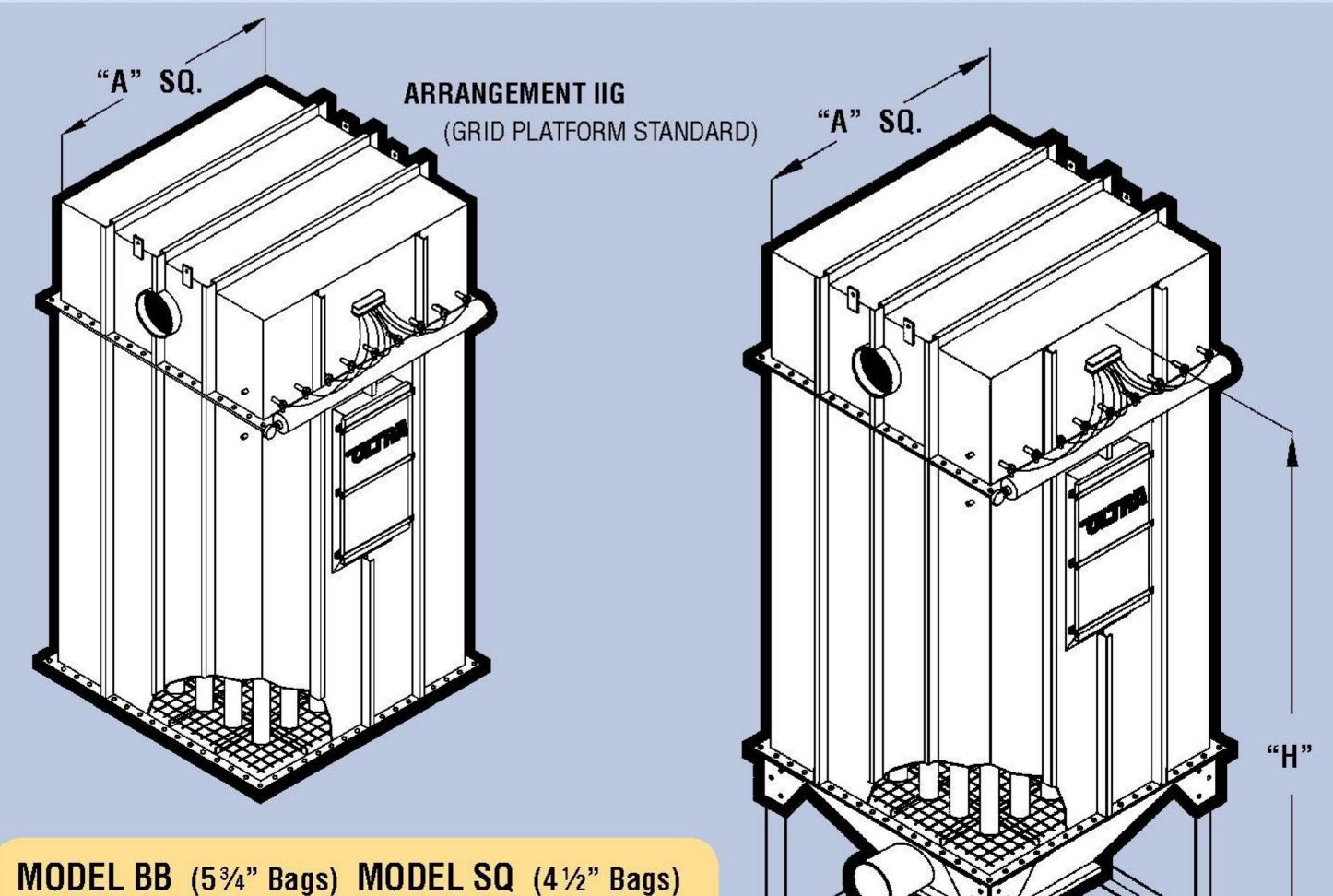
ARRANGEMENT IIG (GRID PLATFORM STANDARD) removal design available, utilizing lift-off doors. Models BD and SQD.

Available grid platform, structural support legs, platform and OSHA approved ladder

Design Rating ± 20" W.G.

МО	DEL BB 5 ¾" Dia	meter B	ags Arı	angemen	t IIG					Arra	ngement IIIG
MODEL NO		BB4	BB9	BB16	BB25	BB36		BB9	BB16	BB25	BB36
A (SQUARE) (WIDTH)	1'4"	2'0"	2'8"	3'4"	4'0"		2'0"	2'8"	3'4"	4'0"
36" L	AREA (SQ. FT.)	17	39					39			
BAGS	H (HEIGHT)	5'3"	5'3"					6'5"			
58" L	AREA (SQ. FT.)	29	65	115	180	259		65	115	180	259
BAGS	H (HEIGHT)	7'1"	7'1"	7'1"	7'1"	7'1"	20 C	8'3"	8'10"	9'5"	10'0"
84" L	AREA (SQ. FT.)		95	170	265	382		95	170	265	382
BAGS	H (HEIGHT)		9'4"	9'4"	9'4"	9'4"		10'6"	11'1"	11'8"	12'3"
100" L	AREA (SQ. FT.)			203	317	457			203	317	457
BAGS	H (HEIGHT)			10'8"	10'8"	10'8"			12'5"	13'0"	13'7"

All Welded Square Collectors For Intermediate Performance Requirements



Side Bag

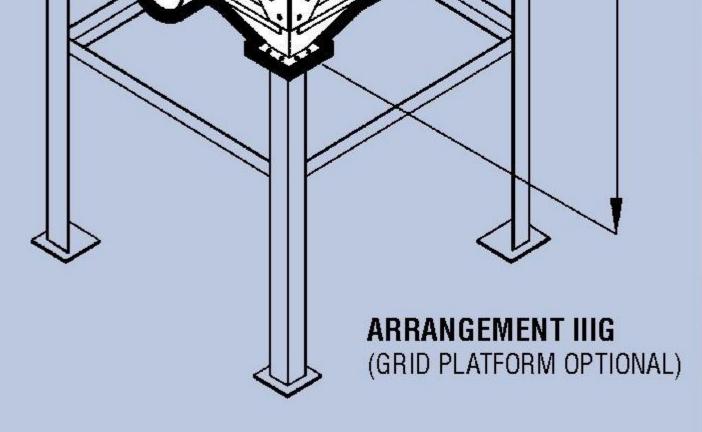
removal design utilizing convenient side access doors, for ease of bag changing.

Top Bag

removal design, utilizing lift-off doors. Models BD and SQD or convenient walk-in plenum models BW and SQW.

Available grid platform, structural support legs, platform and OSHA approved ladder

Design Rating ± 20" W.G.



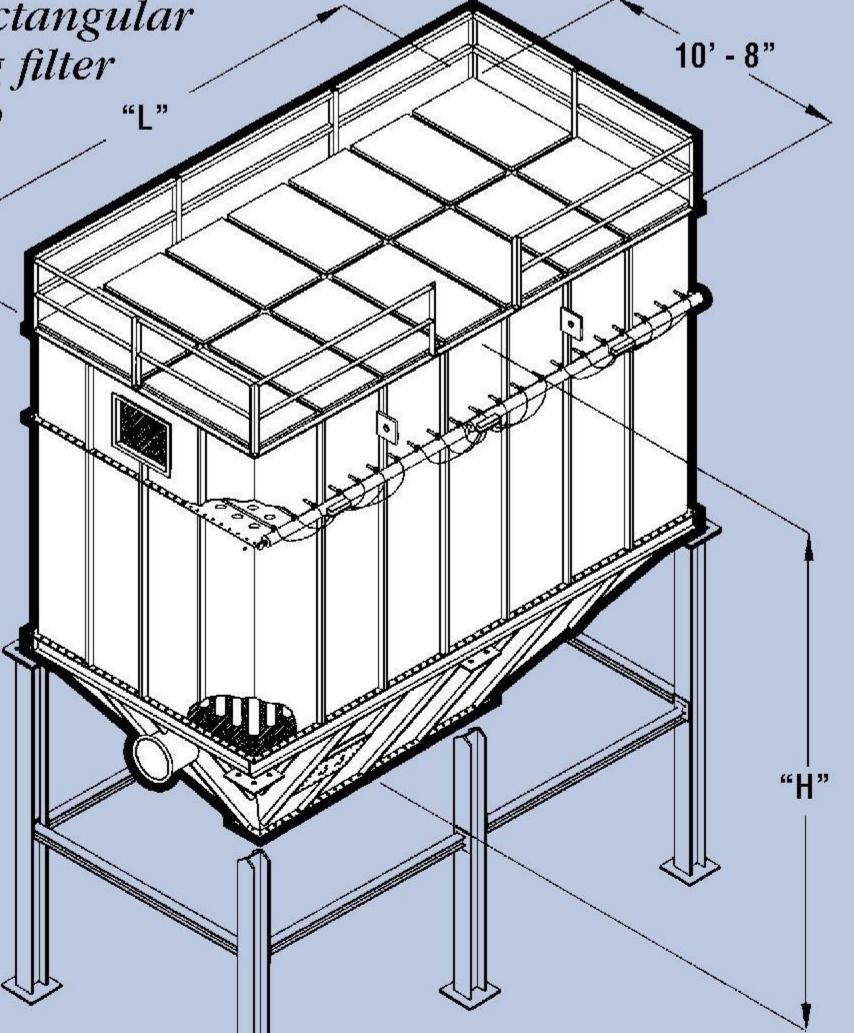
MODEL BB 5 ³ /4" Diameter Bags											
MODEL I	NO.	BB49	BB64	BB81	BB100	BB121	BB144	BB169	BB196	BB225	BB256
A (SQUA	RE) (WIDTH)	4'8"	5'4"	6'0"	6'8"	7'4"	8'0"	8'8"	9'4"	10'0"	10'8"
84" L	AREA (SQ. FT.)	520	679	859	1060	1283	1527	1792	2078	2386	2714
BAGS	H (HEIGHT)	12'8"	13'3"	15'0"	15'7"	16'2"	16'9"	17'3"	17'10"	18'5"	19'0"
100" L _	AREA (SQ. FT.)	622	813	1028	1270	1536	1828	2146	2489	2857	3251
BAGS	H (HEIGHT)	14'0	14'7"	16'4"	16'11"	17'6"	18'1"	18'7"	19'2"	19'9"	20'4"
120" L	AREA (SQ. FT.)	750	980	1241	1532	1853	2205	2588	<u>3002</u>	3446	3921
BAGS	H (HEIGHT)	15'8"	16'3"	18'0"	18'7"	19'2"	19'9"	20'3"	20'10"	21'5"	22'0"

All-Welded Rectangular Collector for Larger Performance Requirements

Ultra offers a wide range of rectangular dust collector models providing filter areas from 3,927 square feet to "L" over 16,000 square feet in one module. A collector can be selected to meet your exact space requirements. No other manufacturer offers this wide selection.

MODEL ND (5³/₄" Bags)

- Lift off doors No tools required
- Standard safety railing
- Top bag removal makes maintenance easy, quick and clean
- One piece cage and venturi assembly
- Dirty bags can be dropped into hopper below and removed through hopper port
- Dust can be swept from top of tube sheet through holes into dusty air plenum below



 Bag snaps into tube sheet for positive seal

ARRANGEMENT III Also available with 4¹/₂" Bags

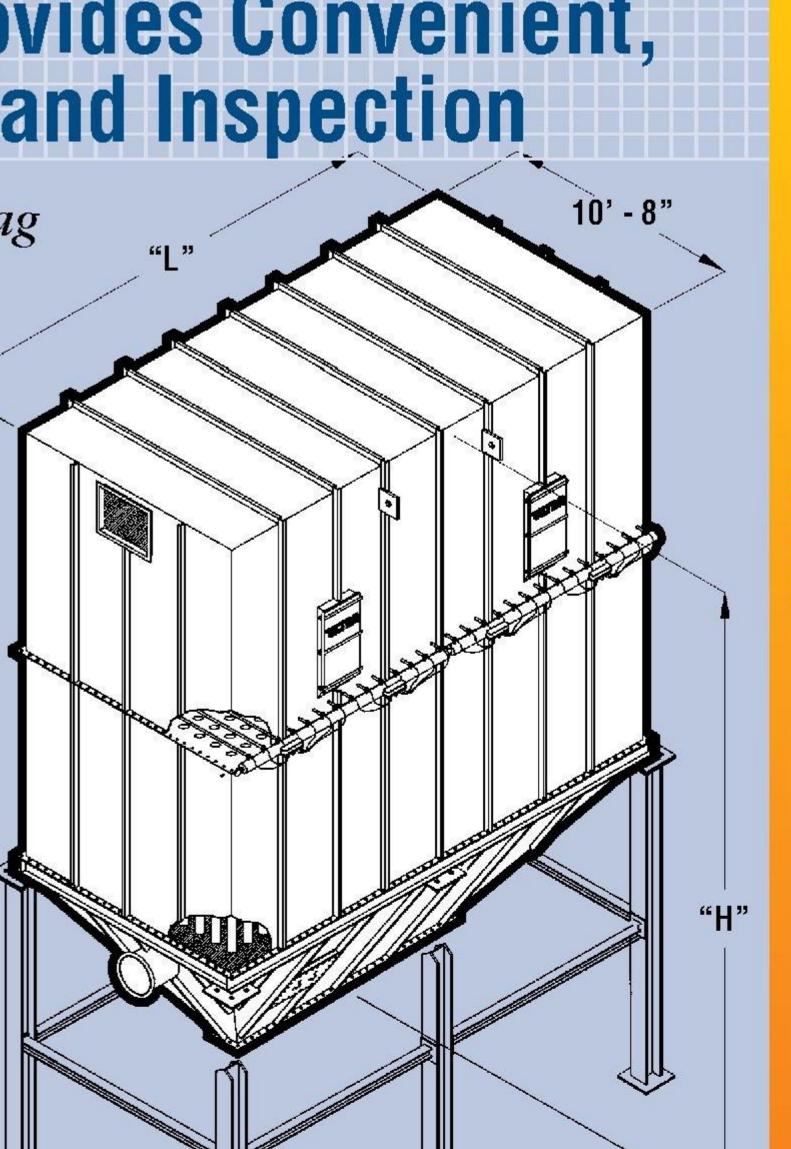
M	ODEL ND 5 ¾"	Diameter E	Bags									
MODEL N	0.	ND300	ND330	ND360	ND390	ND420	ND450	ND480	ND510	ND540	ND570	
(L) LENG	TH	14'0"	15'4"	16'8"	18'0"	19'4"	20'8"	22'0"	23'4"	24'8"	26'0"	
100" L	AREA (SQ. FT.)	3927	4320	4712	5105	5498	5890	6283	6676	7069	7461	
BAGS	H (HEIGHT)	19'0"	19'0"	19'0"	19'0"	19'0"	19'0"	19'0"	19'0"	19'0"	19'0"	
120" L	AREA (SQ. FT.)	4712	5184	5655	6126	6597	7069	7540	8011	8482	8954	
BAGS	H (HEIGHT)	20'8"	20'8"	20'8"	20'8"	20'8"	20'8"	20'8"	20'8"	20'8"	20'8"	
144" L	AREA (SQ. FT.)	5655	6220	6786	7351	7917	8482	9048	9613	10179	10744	
BAGS	H (HEIGHT)	22'8"	22'8"	22'8"	22'8"	22'8"	22'8"	22'8"	22'8"	22'8"	22'8"	N
MC	DDEL ND 5 ³ /4"	Diameter E	Bags (conti	inued)								
MC MODEL N		Diameter E ND600	Bags (conti ND630	nued) ND660	ND690	ND720	ND750	ND780	ND810	ND840	ND870	ND900
	0.		Law and the second s	-	ND690 31'4"	ND720 32'8"	ND750 34'0"	ND780 35'4"	ND810 36'8"	ND840 38'0"	ND870 39'4"	ND900 40'8"
MODEL N	0.	ND600	ND630	ND660								<u>(8</u>
MODEL NO	0. [H	ND600 27'4"	ND630 28'8"	ND660 30'0"	31'4"	32'8"	34'0"	35'4"	36'8"	38'0"	39'4"	40'8"
MODEL NO (L) LENGT 100" L	0. Th Area (Sq. Ft.)	ND600 27'4" 7854	ND630 28'8" 8247	ND660 30'0" 8639	31'4" 9032	32'8" 9425	34'0" 9817	35'4" 10210	36'8" 10603	38'0" 10996	39'4" 11388	40'8" 11781
MODEL NO (L) LENGT 100" L BAGS	0. Th Area (Sq. Ft.) H (Height)	ND600 27'4" 7854 19'0"	ND630 28'8" 8247 19'0"	ND660 30'0" 8639 19'0"	31'4" 9032 19'0"	32'8" 9425 19'0"	34'0" 9817 19'0"	35'4" 10210 19'0"	36'8" 10603 19'0"	38'0" 10996 19'0"	39'4" 11388 19'0"	40'8" <u>11781</u> 19'0"
MODEL NO (L) LENGT 100" L BAGS 120" L	0. TH AREA (SQ. FT.) H (HEIGHT) AREA (SQ. FT.)	ND600 27'4" 7854 19'0" 9425	ND630 28'8" <u>8247</u> 19'0" 9896	ND660 30'0" <u>8639</u> 19'0" 10367	31'4" 9032 19'0" 10838	32'8" 9425 19'0" 11310	34'0" <u>9817</u> 19'0" 11781	35'4" 10210 19'0" 12252	36'8" <u>10603</u> 19'0" 12723	38'0" 10996 19'0" 13195	39'4" <u>11388</u> 19'0" 13666	40'8" <u>11781</u> 19'0" 14137

Walk-In Plenum Provides Convenient, Safe Bag Changing and Inspection

The Ultra walk-in plenum top bag removal design provides the maximum convenience for dust collector maintenance. Bag changing is quickly accomplished in an "out of the weather" environment.

MODEL NW (5³/₄" Bags)

- Walk-in plenum permits maintenance personnel to service bags safely in any kind of weather conditions
- Same easy bag changing features as the "ND" models
- Durable 12 gauge all welded construction with stiffeners on 24" centers
- Standard design pressure is ± 20" W.G.
- Optional insulation can be factory installed



Easy installation - Shipped in 3 sections for quick field erection





N

0

ARRANGEMENT III Also available with 4¹/₂" Bags

M	ODEL NW 5 3/4"	Diameter I	Bags									
MODEL N	0.	NW300	NW330	NW360	NW390	NW420	NW450	NW480	NW510	NW540	NW570	
(L) LENG	TH	14'0"	15'4"	16'8"	18'0"	19'4"	20'8"	22'0"	23'4"	24'8"	26'0"	
100" L _	AREA (SQ. FT.)	3927	4320	4712	5105	5498	5890	6283	6676	7069	7461	
BAGS	H (HEIGHT)	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	
120" L _	AREA (SQ. FT.)	4712	5184	5655	6126	6597	7069	7540	8011	8482	8954	
BAGS	H (HEIGHT)	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	
144" L	AREA (SQ. FT.)	5655	6220	6786	7351	7917	8482	9048	9613	10179	10744	
BAGS	H (HEIGHT)	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	
МС	DDEL NW 5 3/4"	Diameter B	Bags (conti	nued)								
MODEL N	0.	NW600	NW630	NW660	NW690	NW720	NW750	NW780	NW810	NW840	NW870	NW900
L (LENGT	H)	27'4"	28'8"	30'0"	31'4"	32'8"	34'0"	35'4"	36'8"	38'0"	39'4"	40'8"
100" L	AREA (SQ. FT.)	7854	8247	8639	9032	9425	9817	10210	10603	10996	11388	11781
BAGS	h (Height)	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"	25'1"
120" L	AREA (SQ. FT.)	9425	9896	10367	10838	11310	11781	12252	12723	13195	13666	14137
BAGS	h (Height)	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"	28'5"
144" L	AREA (SQ. FT.)	11310	11875	12441	13006	13572	14137	14703	15268	15834	16399	16965
BAGS	H (HEIGHT)	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"	32'5"

OW" PULSE-JET CARTRIDGE COLLECTORS Model UVC Vertical Cartridge Collector

The "Ultra-Flo" UHC and UVC Cartridge Collectors are the perfect solution for your light loading applications for a variety of in plant air quality problems.

> Compact design utilizes standard 12-3/4" diameter cartridges to offer more square feet of filter area per cubic foot of collector space. The modular design allows for multiple arrangements to handle airflows from 500 to 25,000 CFM.

> > Rugged high efficiency cartridge elements in a variety of media types offers efficiency to 99.99%.

Rugged 12 ga. construction stiffened for up to 20" W.C. with 7 ga. tube sheet for added strength and parallel cartridge alignment.



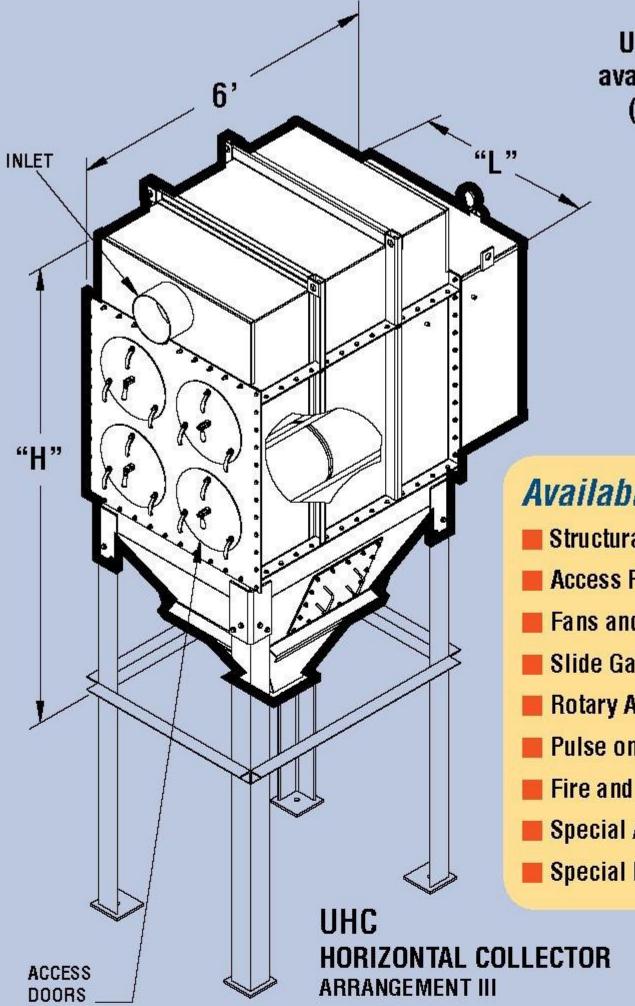
Specialized inlet with diffusion baffle provides for even air flow distribution resulting in the reduction of turbulence, re-entrainment and abrasion with lower energy usage.

Easy access to cartridges simplifies maintenance.

Solid state sequential timer housed in a NEMA 4 enclosure.

Available as a bin vent or as a stand alone collector with hopper.

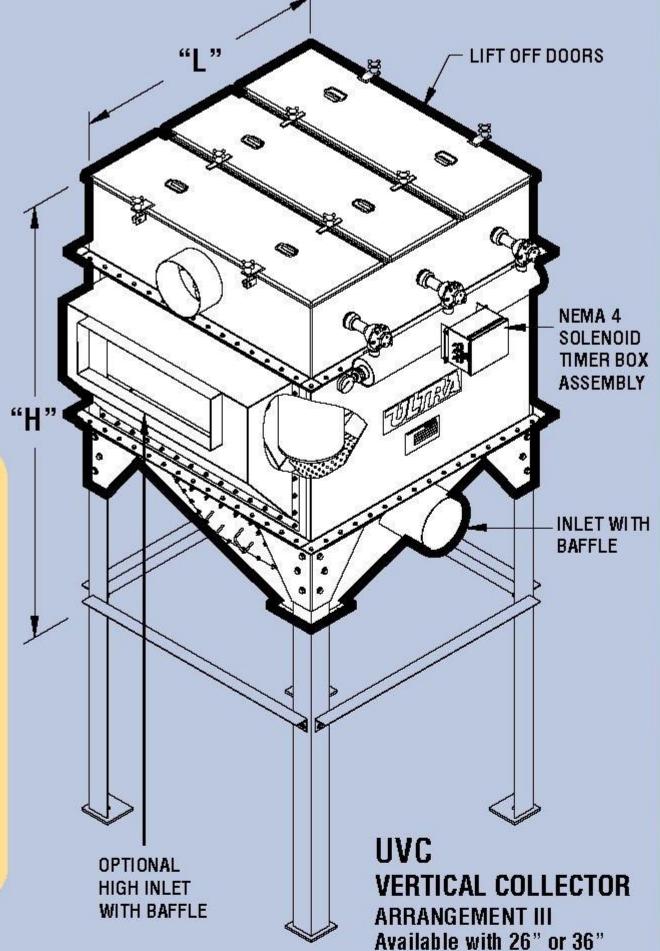
Model UVC and UHC Ultra-Flo **Pulse-Jet Cartridge Collectors**



UVC and UHC also available as bin vents (Arrangement II)

Available Options:

- Structural Support Legs
- Access Platform and Ladder
- Fans and Blowers
- Slide Gates with Drum Covers
- Rotary Airlocks
- Pulse on Demand Cleaning
- Fire and Explosion Relief Vents
- Special Alloys and Materials
- Special Paint and Coatings.



9

MODEL UVC

MODEL NO.	UVC-2-226	UVC-4-313	UVC-9-226	UVC-9-313	UVC-16-226	UVC-16-313	UVC-25-226	UVC-25-313	UVC-36-226	UVC-36-313
NO. OF CARTRIDGES	4	4	9	9	16	16	25	25	36	36
AREA (SQ. FT) *	904	1252	2034	2817	3616	5008	5650	7825	8136	11268
LENGTH (L)	3'4"	3'4"	5'0"	5'0"	6'8"	6'8"	8'4"	8'4"	10'0"	10'0"
ARRANG II HEIGHT (H)	4'8"	5'6"	4'8"	5'6"	4'8"	5'6"	4'8"	5'6"	4'8"	5'6"
ARRANG III HEIGHT (H)	7'0"	7'10"	8'5"	9'3"	9'11"	10'9"	11'4"	12'2"	12'9"	13'7"
MODEL U		UHC 30	UHC_42		1140-50	UHC-43	ሀሀር 53	ШНС-44	1140-54	UHC-64
A. 1	HC UHC-22	UHC-32	UHC-42	UHC-33	UHC-52	UHC-43	UHC-53	UHC-44	UHC-54	UHC-64
MODEL UH Model No. No. of		UHC-32 12	UHC-42 16	UHC-33 18	UHC-52 20	UHC-43 24	UHC-53 30	UHC-44 32	UHC-54 40	UHC-64 48
MODEL UP MODEL NO.	UHC-22	20x00000000000000000000000000000000000	0.00000000 00.0000	80-000-005-0 51 - 20-800-93	0.9995699205 5056682	400803044703 (4001394)	1963-1977-1978-1978-1978-1978-1978-1978-1978	shere was a	#Redonomices 63 (6)	54310-0148155 GG (89)
MODEL UH MODEL NO. NO. OF CARTRIDGES AREA	UHC-22 8	12	16	18	20	24	30	32	40	48
MODEL UH MODEL NO. NO. OF CARTRIDGES AREA (SQ. FT)*	UHC-22 8 1808	12 2712	16 3616	18 4068	20 4520	24 5424	30 6780	32 7232	40 9040	48 10848

*Filter Areas Based on Cellulosic Filter Media. Other Filter Media Available.

ULTRA-PLEAT FILTERS

Do You...

- Need increased air flow and performance in your present bag house or filter/receiver?
- Have space or headroom limitations?
- Need to reduce bag house maintenance costs?
- Require washable filter elements?
- Need to save on energy costs?

If you answered YES to any or all of the above questions you may need Ultra-Pleat Filters for your next change-over or new dust collector.

Ultra-Pleat Filters require much less space per square foot of filter area than conventional bag filters. Their compact pleated design provides up to 59 square feet of filter area per filter, and they can operate at standard 4:1 or 5:1 air to cloth ratios.

Ultra-Pleat Filters are easy to install so they reduce the amount of time it takes your maintenance



personnel to perform a changeover. This saves you money! There are no cages. Only a one piece assembly which slips over a bag cup and is secured with a band clamp, or if the baghouse is a top removal design, the "Ultra-Pleat" filter's flexible top snaps into the tube sheet hole like a snapband bag. Either way you are insured of a positive seal.

Ultra-Pleat filters are durable and washable which can be important if you have frequent color or flavor changeouts.

Ultra-Pleats 100% spun bonded polyester media provides up to 99.99% particulate removal efficiency. Also available with PTFE laminate membrane.

Ultra-Pleats are perfect for retro-fitting an existing collector. It's as easy as removing the old filter bags and attaching the Ultra-Pleat Filters.

ULTRA-PLEAT FILTERS DATA SHEET

UPB-575 Bottom Removal Filters

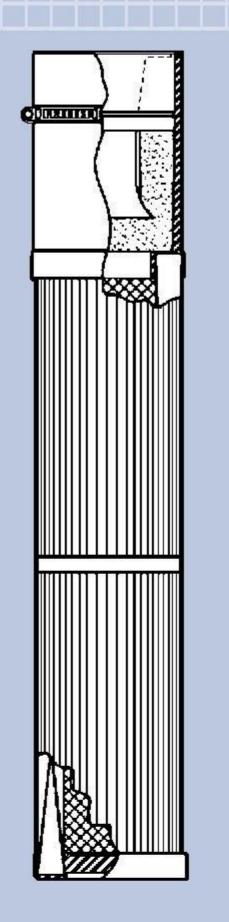
Replaces 5-3/4" diameter bags. Fits industry standard bag cups. 1" pleat height.

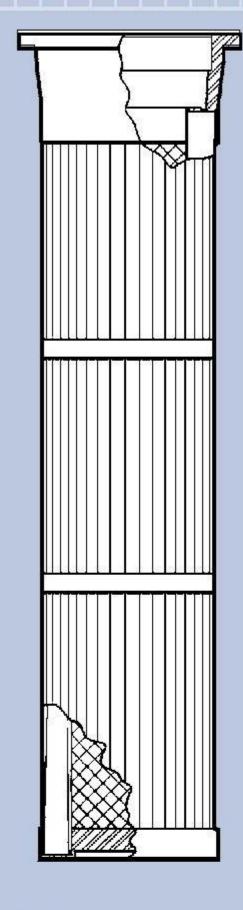
Filter Length	30 Pleats	35 Pleats	45 Pleats
36"	14.0 sq. ft.	16.3 sq. ft.	21.5 sq. ft.
58"	24.8 sq. ft.	29.0 sq. ft.	37.3 sq. ft.
84"	38.1 sq. ft.	44.0 sq. ft.	56.6 sq. ft.

UPT-575 Top Removal Filters Replaces 5-3/4" diameter bags. Fits 6-1/4" tube

sheet hole. 1" pleat height.

Filter Length	30 Pleats	35 Pleats	45 Pleats
36"	17.8 sq. ft.	20.1 sq. ft.	26.7 sq. ft.
58"	27.1 sq. ft.	31.8 sq. ft.	40.8 sq. ft.





Ultra-Pleat Filters Offer:

More efficient filtration compared with felt

11

80"	39.6 sq. ft.	46.2 sq. ft.	59.4 sq. ft.

SPECIFICATIONS:

High strength, 100% spun bonded polyester Continuous 200 degree F operating temperature Excellent efficiency up to 99.99% Polyurethane top and bottom construction Galvanized metal inner core (304 SS & plastic optional) Variable pleat height and pleat count Food grade construction available Custom designs available

- Increased media area provides lower restriction
- Longer filter life
- Improved air flow capacity
- Superior dust release
- Reduced maintenance costs due to easier changeouts
- Washability
- No cages required with pleated filters
- Easy to remove and replace one piece design

OTHER FABRICS OPTIONS:

Ryton, Nomex, Acrylic, P84

MEDIA OPTIONS:

- 100% spun bond polyester SB
- SBME 100% spun polyester with metalized media and ground wire for static dissipation
- SBCB 100% spun polyester with carbon impregnated finish and ground wire for static dissipation
- **SBTB** 100% spun bond polyester immersed in PTFE bath to create a hydro/oleo phobic coating for resistance to water, oil and dirt
- **SBPTFE** 100% spun bond polyester with PTFE membrane for ultra high efficiency, moisture resistance and dust release



INDUSTRIES, INC. From Concept to Completion, The Ultra Advantages...

- Two Bag Diameters 4 1/2" and 5 3/4" Diameter
- Lowest Installed Cost Housings are Shipped Completely Assembled
- Advanced Top Bag Removal System Snap Ring Bags and Drop-in Cages Permit Bags to be Installed Quickly and Ensure Leak-Proof Seals

Additional Features And Options

- Solid State Timer Saves Energy, Easily Adjusts to Vary Pulse Interval and Duration
- Protective Service Grid Under Bags
 - Inlet Baffle with Abrasion-Resistant Target Plate
- Outlet with Weatherhood and Bird Screen
- Differential Pressure Switch Signals Rise in Pressure

across Filter Roof or Side Mounted Exhaust Fans Sanitary Sloped Door Ledges NEMA 4 Controls Standard – NEMA 7 and 9 Controls Optional Stainless Steel Construction Available Explosion Venting Designed to Rigid NFPA Standards Support Legs Slide Gates

> Access Platforms Caged Ladders

ULTRA

AirlocksScrew Conveyor

W. T. Maye, Inc. (WTMI) 1-877-705-9864 info@wtmi-usa.com www.wtmi-usa.com

Notice: The information presented here is based on tests and data which WTMI believes to be reliable, but their accuracy or completeness is not guaranteed. WTMI MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, BY STATUTE OR OTHERWISE, REGARDING THE PRODUCTS, AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF FITNESS FOR ANY PURPOSE, QUALITY, MERCHANTABILITY, OR OTHERWISE. Product use is at the user's own risk. The determination of whether the product is fit for a particular purpose or application is the responsibility of the user.