

FILTRATION GROUP

ULTRASTAR STANDARD CAPACITY WOOD FRAME



Laminar Flow Biosafety/Cleanbench

- 99.97% (HEPA) minimum removal on 0.3µm efficiency
- 99.99% (HEPA) minimum removal on 0.3µm efficiency –scanned
- 3 pleats per inch
- Fire Retardant & Standard Woodboard frames depth of 3-1/16", 5-7/8" & 11-1/2"
- 100% of filters subject to an efficiency and initial resistance test
- 99.99% filters are "scan" tested according to IES-RP-CC001.3
- UL 900 Class 1 and 2 rating



DESCRIPTION

The Ultrastar Standard Capacity Wood Frame filter uses hemmed edge, aluminum separators wet laid glass fiber media efficiency of 99.97% and 99.99% on 0.3µm particle size. Designed for easy installation and longer service life.

BENEFITS

- Built to withstand temperature levels up to 220°F for continuous use
- Frames are sealed on each side with solid resin sealant providing structural rigidity at an economical cost

- Sealed notched corners provide true to square dimensions-leak proof seal
- Designed to withstand and operate in up to 100% of relative humidity
- Ball & Socket gasket joint at all corners prevents corner leaks

APPLICATIONS

The Standard Capacity Wood Frame is designed to optimize performance in filtration applications for the food, automotive, aerospace, optical and biotechnology industries as well as for surgical rooms in hospitals.



FEATURES	BENEFITS
<ul style="list-style-type: none"> Uniform pleat spacing and alignment throughout the filter. 	Laminar air flow
<ul style="list-style-type: none"> Design eliminates “racking” or damage in handling and installation. 	No product damage
<ul style="list-style-type: none"> Efficiency & restruction test results printed on each label. Test results on file. 	Traceable
<ul style="list-style-type: none"> Woodboard frames that are sealed on each side with solid resin sealant, providing structural rigidity. 	Durable
<ul style="list-style-type: none"> Frame corners secured with screws and urethane sealed on all four sides. 	Leak proof
<ul style="list-style-type: none"> Hemmed-edge aluminum spacers reduce potential media damage from rough-edged separators. 	No media damage

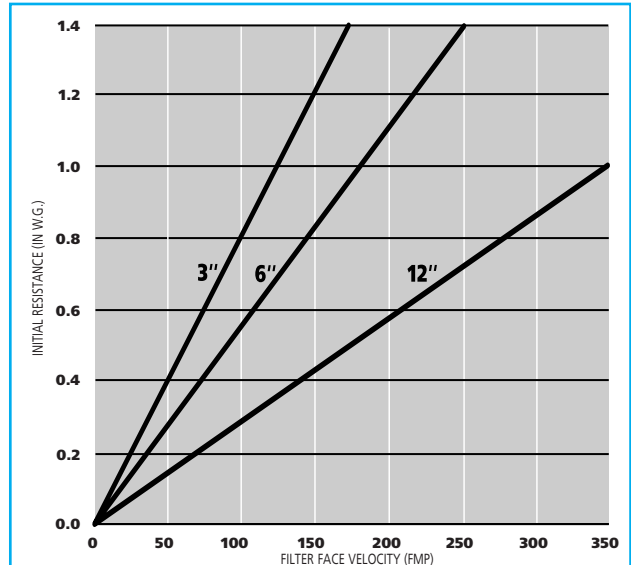
DIMENSIONS AND PERFORMANCE DATA

FIRE RETARDANT WOODBOARD FRAMES			
PART NUMBER 99.97%*	PART NUMBER 99.99%*	ACTUAL SIZE (H x W x D)	SHIPPING WEIGHT (lbs)
22400	22412	18 x 24 x 3 1/16	9
22401	22381	12 x 24 x 5 7/8	11
22402	22414	18 x 24 x 5 7/8	17
22403	22113	24 x 24 x 5 7/8	22
22404	22156	24 x 48 x 5 7/8	40
22405	22025	24 x 72 x 5 7/8	47
22406	22153	30 x 48 x 5 7/8	45
22407	22164	30 x 72 x 5 7/8	55
22408	22186	36 x 48 x 5 7/8	50
22409	22388	36 x 72 x 5 7/8	60
22410	22211	24 x 24 x 11 1/2	42
22411	22182	24 x 30 x 11 1/2	48

FIRE RETARDANT WOODBOARD FRAMES			
PART NUMBER 99.97%*	PART NUMBER 99.99%*	ACTUAL SIZE (H x W x D)	SHIPPING WEIGHT (lbs)
22416	22428	18 x 24 x 3 1/16	9
22417	22235	12 x 24 x 5 7/8	11
22418	22223	18 x 24 x 5 7/8	17
22419	22072	24 x 24 x 5 7/8	22
22420	22023	24 x 48 x 5 7/8	40
22421	22370	24 x 72 x 5 7/8	47
22422	22013	30 x 48 x 5 7/8	45
22423	22238	30 x 72 x 5 7/8	55
22424	22027	36 x 48 x 5 7/8	50
22425	22318	36 x 72 x 5 7/8	60
22426	22073	24 x 24 x 11 1/2	42
22427	22029	24 x 30 x 11 1/2	48

* Part number reflects downstream gasketing
Please consult Customer Service for other sizes

INITIAL RESTRICTION VS. FACE VELOCITY



NOTE: This graph represents a typical rating. 3 & 6" filters are tested at 100 FPM and 12" filters are tested at 250 FPM at the factory. The inside face dimension (not including filter frame) is used to calculate resistance. Recommended service restriction is approximately two times the initial restriction at the factory test flow rate.

Filter Face Velocity [FPM] = Rated Flow [cu ft per min] x 144
Height of Filter [in] - (less frame) 1.50" x Width of Filter [in] - 1.50" (less frame)

SPECIFICATIONS

Sealant:

Urethane

Media:

Wet Laid Glass Fiber

Distributed by:



AVAILABLE OPTIONS

- Gasket (both sides)
- Gasket (upstream only)
- ULPA Efficiency

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"Over 35 Years of Filter Excellence"

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