

# FILTRATION GROUP

## ULTRASTAR HIGH CAPACITY WOOD FRAME



### Laminar Flow Biosafety/Cleanbench

- 99.97% (HEPA) minimum removal on 0.3 $\mu$ m efficiency
- 99.99% (HEPA) minimum removal on 0.3 $\mu$ m efficiency –scanned
- 5 pleats per inch
- Fire Retardant & Standard Woodboard frames with depths 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

**T**he Ultrastar High Capacity Wood Frame filter uses hemmed edge, aluminum separators wet laid glass fiber media efficiency of 99.97% and 99.99% on 0.3 $\mu$ m particle size. This filter contains 60% more media surface area in any given frame size therefore lower resistance and extended filter life. 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 High 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"> <li>Uniform pleat spacing and alignment throughout the filter.</li> </ul>	Laminar air flow
<ul style="list-style-type: none"> <li>Design eliminates “racking” or damage in handling and installation.</li> </ul>	No product damage
<ul style="list-style-type: none"> <li>Hemmed-edge aluminum spacers reduce potential media damage from rough-edged separators.</li> </ul>	No media damage
<ul style="list-style-type: none"> <li>Efficiency &amp; restriction test results printed on each label. Test results are kept on file.</li> </ul>	Traceable
<ul style="list-style-type: none"> <li>Woodboard frames that are sealed on each side with solid resin sealant, providing structural rigidity.</li> </ul>	Durable
<ul style="list-style-type: none"> <li>Frame corners secured with screws and urethane sealed on all four sides.</li> </ul>	Leak proof

#### DIMENSIONS AND PERFORMANCE DATA

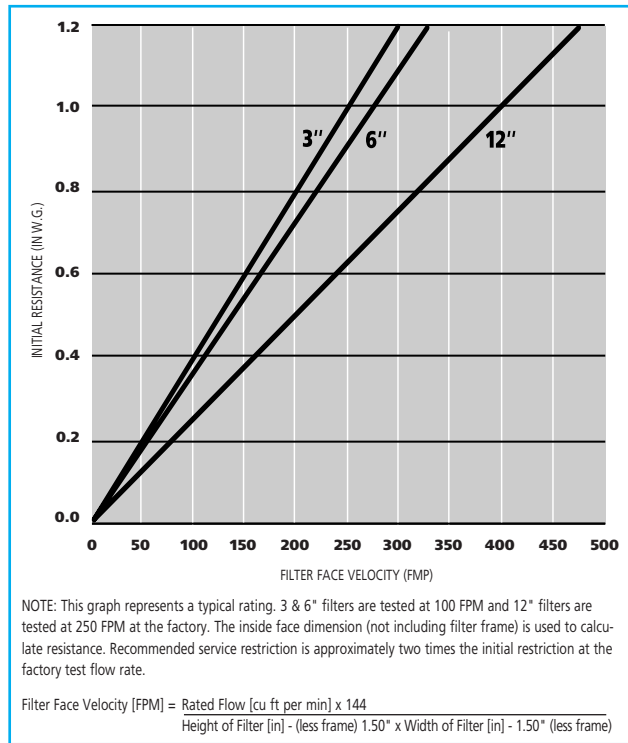
FIRE RETARDANT WOODBOARD FRAMES			
PART NUMBER 99.97%*	PART NUMBER 99.99%*	ACTUAL SIZE (H x W x D)	SHIPPING WEIGHT (lbs)
22474	22486	18 x 24 x 3 1/16	9
22475	22116	12 x 24 x 5 7/8	11
22476	22126	18 x 24 x 5 7/8	17
22477	22487	24 x 24 x 5 7/8	22
22478	22151	24 x 48 x 5 7/8	40
22479	22165	24 x 72 x 5 7/8	47
22480	22488	30 x 48 x 5 7/8	45
22481	22489	30 x 72 x 5 7/8	55
22482	22490	36 x 48 x 5 7/8	50
22483	22059	36 x 72 x 5 7/8	60
22484	22185	24 x 24 x 11 1/2	42
22485	22083	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)
22491	22215	18 x 24 x 3 1/16	9
22492	22523	12 x 24 x 5 7/8	11
22493	22524	18 x 24 x 5 7/8	17
22494	22210	24 x 24 x 5 7/8	22
22495	22364	24 x 48 x 5 7/8	40
22496	22224	24 x 72 x 5 7/8	47
22497	22345	30 x 48 x 5 7/8	45
22498	22507	30 x 72 x 5 7/8	55
22499	22030	36 x 48 x 5 7/8	50
22500	22046	36 x 72 x 5 7/8	60
22501	22161	24 x 24 x 11 1/2	42
22502	22033	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



#### SPECIFICATIONS

Sealant:  
Urethane  
Media:  
Wet Laid Glass Fiber

#### AVAILABLE OPTIONS

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

#### DISTRIBUTED BY

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# FILTRATION GROUP

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