

MODEL NUMBER	DIMENSIONS (inches)	AIR FLOW (CFM)	MAXIMUM INITIAL PRESSURE DROP (in W.G.)	MINIMUM EFFICIENCY @ 0.3 micron	EFFECTIVE MEDIA AREA (sq. ft.)	PART NUMBER
FA1570N-05-03-08/09/15	24' x 24' x 11-1/2'	2000	1.3	99.97	400	855011019

MATERIAL NOTES:

1. FILTER MEDIA: MICRO-GLASS FIBER / ACRYLIC RESIN BINDER IN ACCORDANCE WITH ANSI/ASME AG-1 SECTION FC-I
2. SEPARATOR MAT'L: GLASS FIBER SPACED @ 22mm INTERVALS
3. FRAME MAT'L: 14ga. 304 STAINLESS STEEL
4. SEALANT MAT'L: FIRE RETARDANT/PHOSPHORIS FREE TWO PART POLYURETHANE
5. GEL MATERIAL: SILICONE GEL PER ASME AG-1 SECTION FC-3122
6. CLIP MATERIAL: 11ga. 304 SS EXTRACTION CLIPS DOWNSTREAM (4 PLACES)
7. FACE GUARD MATERIAL: EXPANDED 22ga. 304 STAINLESS STEEL (74% D.A.)

PRODUCTION TESTING NOTES:

1. EACH FILTER SHALL BE FACTORY TESTED FOR EFFICIENCY IN ACCORDANCE WITH IEST-RP-CC-007 AT 100% AND 20% RATED FLOW
2. MAXIMUM INITIAL PRESSURE DROP OF 1.3 in. W.G. @ 2000 cfm

FILTER SPECIFICATIONS:

PLEAT DEPTH: 27.5mm
 EFFICIENCY: 99.97% MINIMUM @ 0.3micron
 MAX. OPERATING TEMP: 250°F (121°C) CONTINUOUS
 MAX. REL. HUMIDITY: 95% ± 5%
 TOTAL FILTER WEIGHT: 73lbs (46kg)

RATINGS:

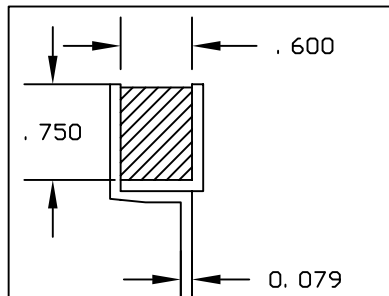
1. FILTERS ARE UL-586 APPROVED
2. FILTERS ARE QUALIFIED FOR AG-1 SECTION FC-5000 PERFORMANCE REQUIREMENTS

FRAME TOLERANCES:

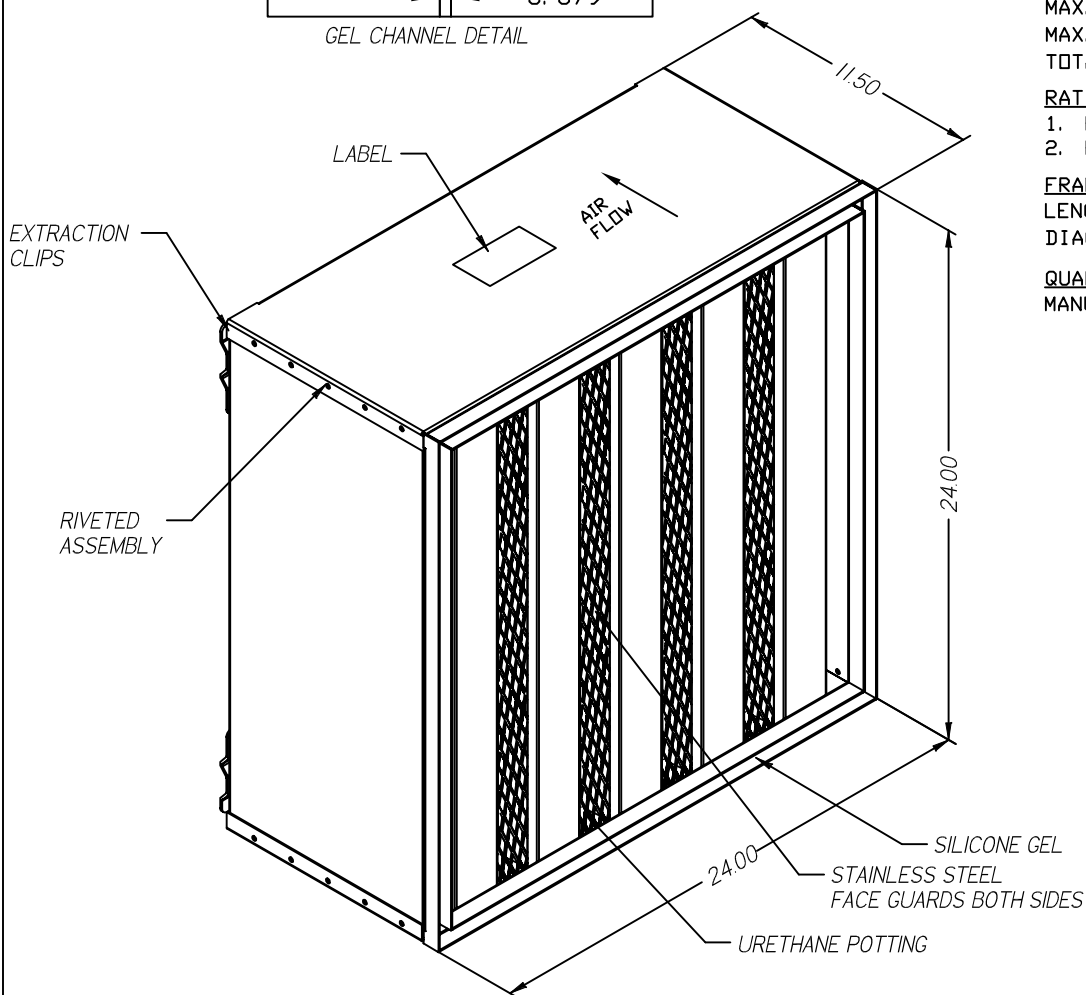
LENGTHS: +0, -1/8"
 DIAGONALS: WITHIN 1/8" TOTAL ALLOWANCE FOR DIAGONALS.

QUALITY:

MANUFACTURED IN ACCORDANCE WITH THE BASIC REQUIREMENTS OF ASME NQA-1



GEL CHANNEL DETAIL



CUSTOMER APPROVAL BLOCK			
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SIGNATURE/DATE			
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APPROVED BY:	DATE	DRAWN BY:	DATE
JC	01/21/09	JJG	01/21/09
PART NUMBER			
855011019			
PART DESCRIPTION			
FILTRA 2000, FA1570N SERIES GEL-SEAL, ASME AG-1 SIZE 8 HEPA FILTER			
SCALE	PAGE	DWG. NO.	REV.
N/A	1/1	503385	A