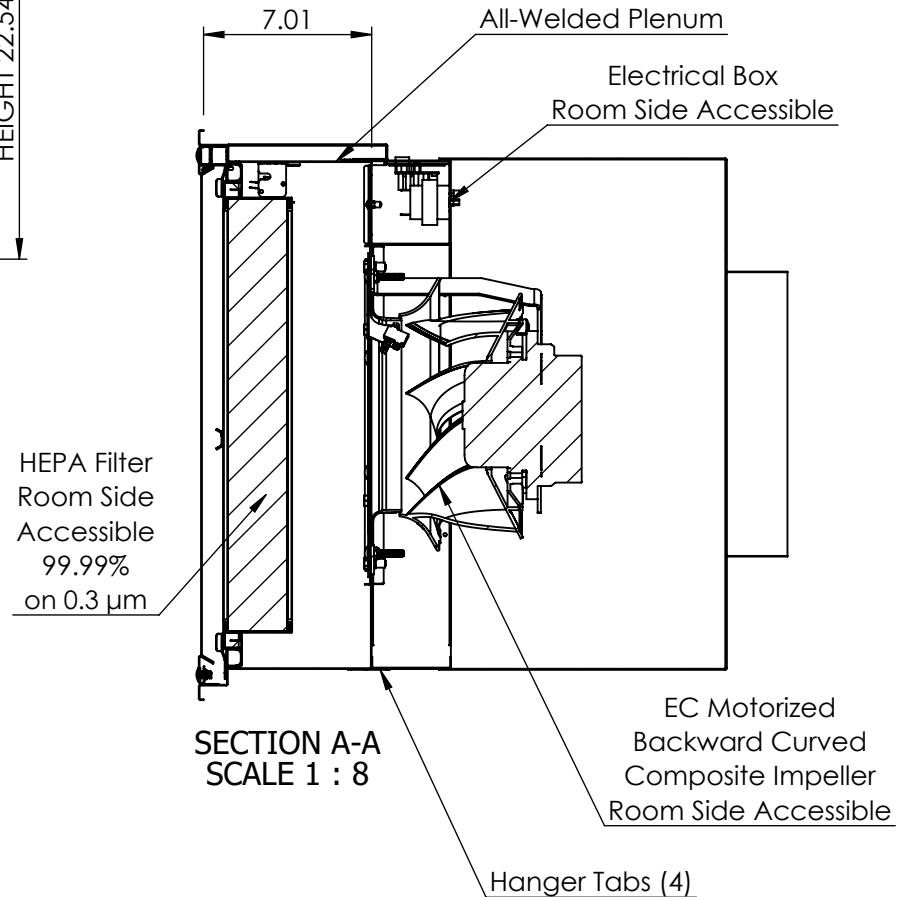
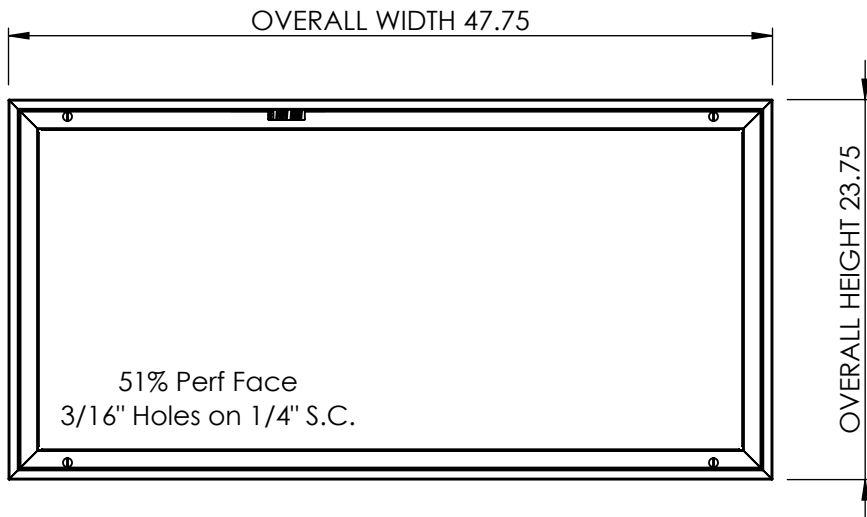
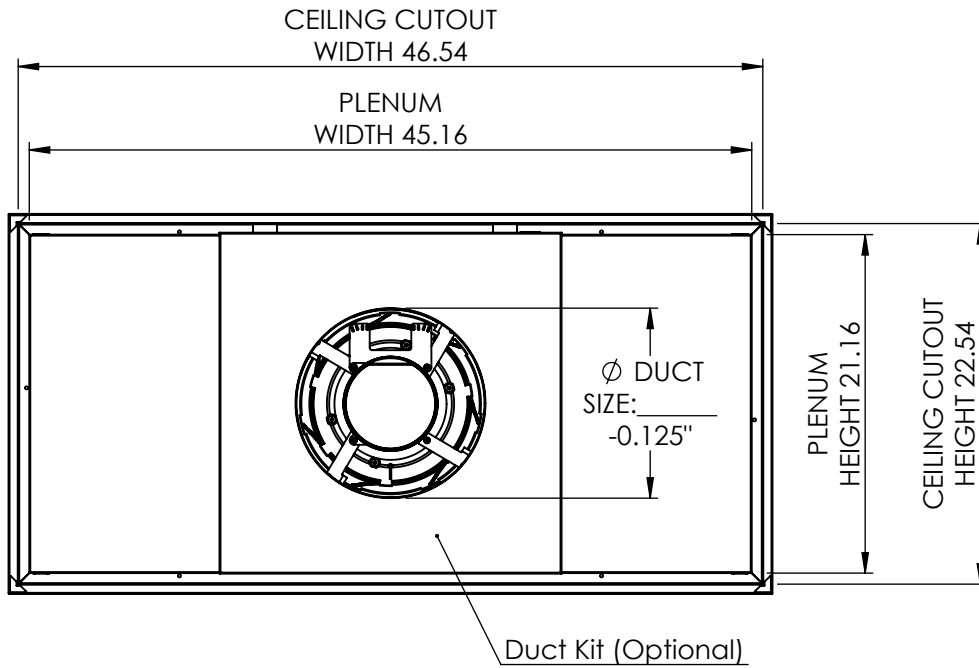


# FFDXRA

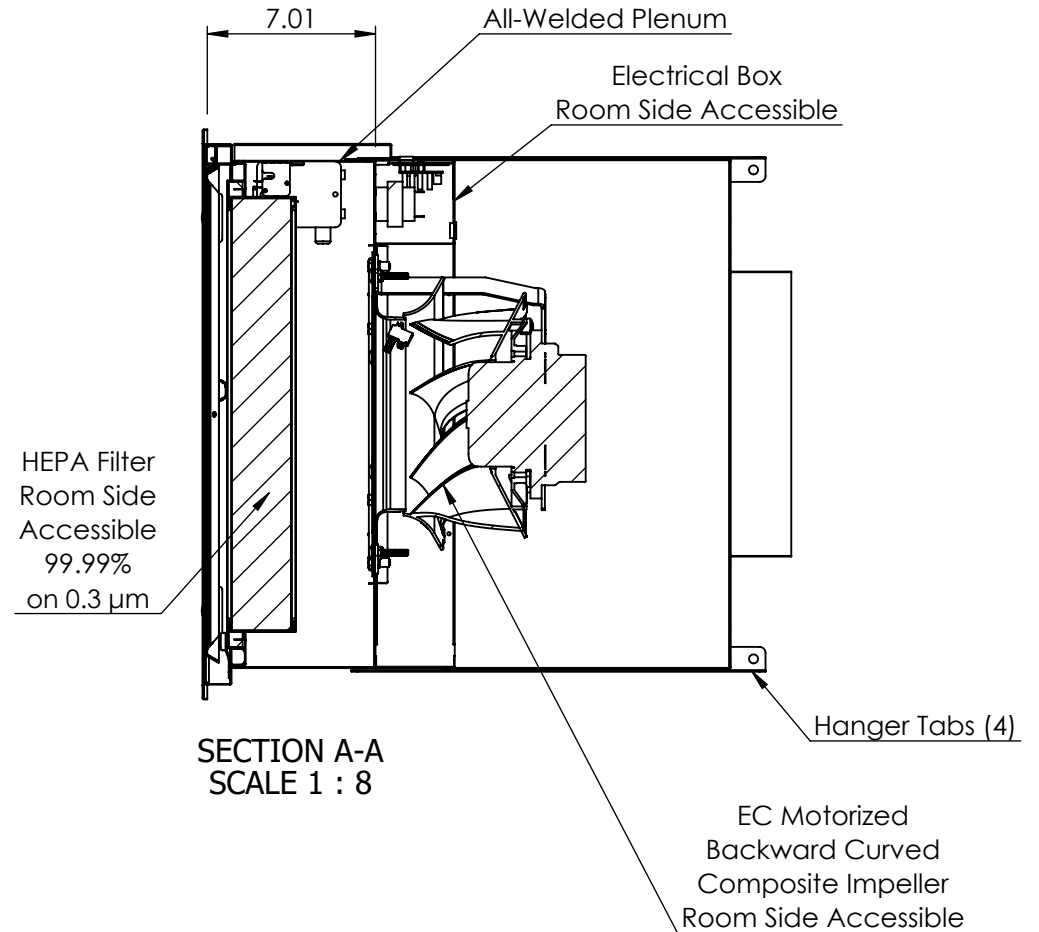
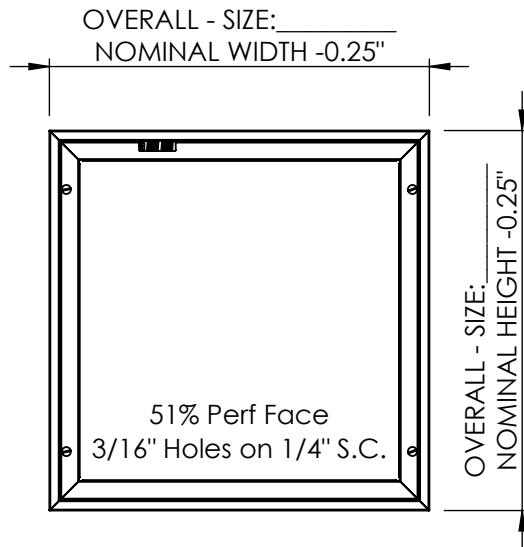
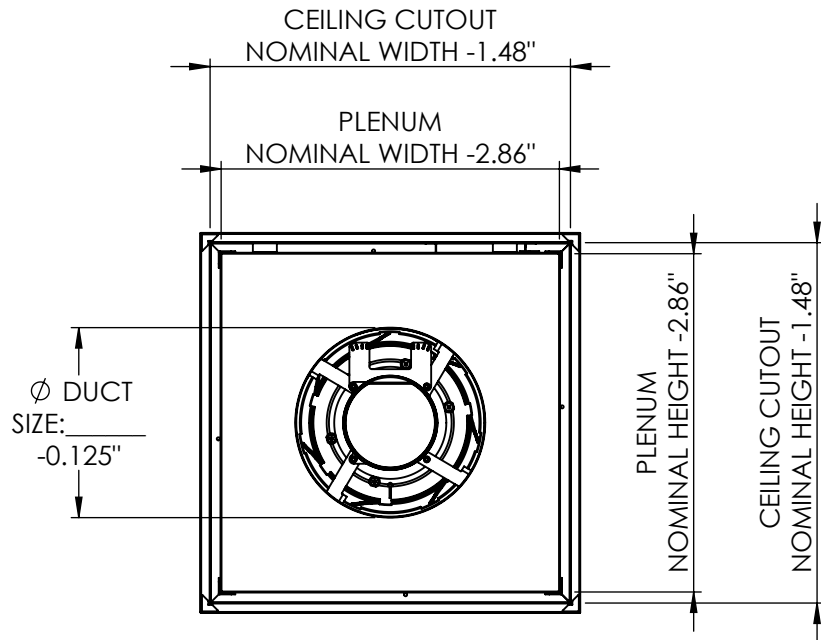
FAN FILTER UNIT - REVERSE FLOW  
MOTOR & ELECTRONICS ACCESSIBLE  
48" x 24" MODULE SIZE



DRAWN SLG	MATERIAL	JOB NAME	TAG	QTY	REV #
CHKD RH	FINISH WHITE	ENGINEER	DRAWING NAME 032020-161		SHT 1/3
APRVD	SIZE 48 X 24	CONTRACTOR			SCL 1:12
					DO NOT SCALE

# FFDXRA

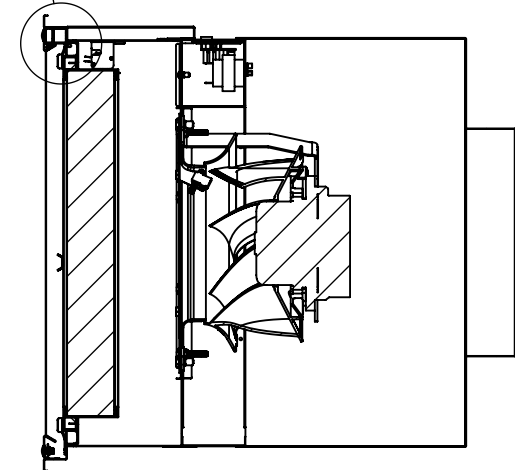
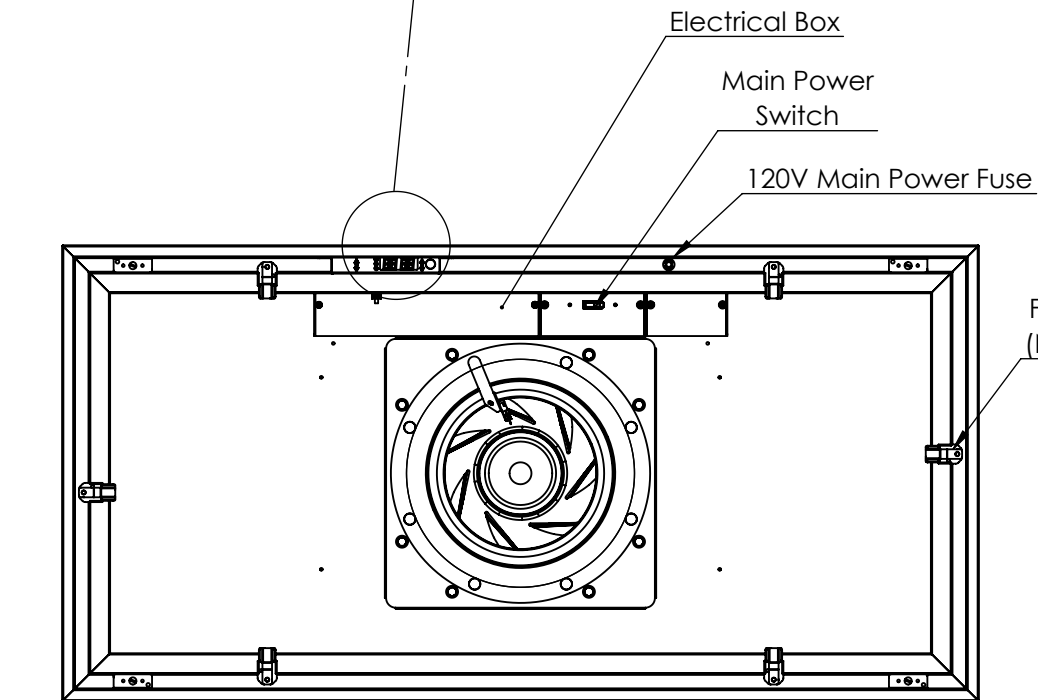
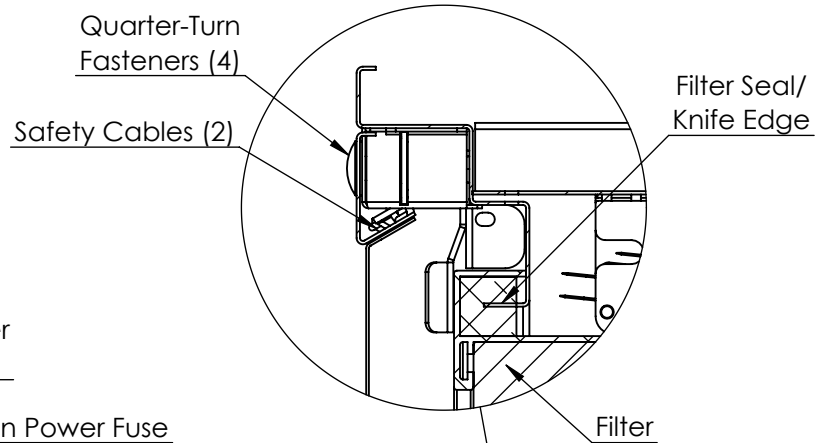
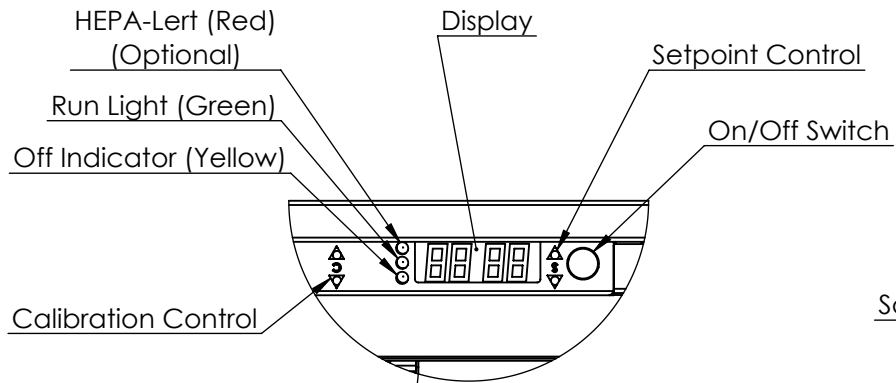
FAN FILTER UNIT - REVERSE FLOW  
MOTOR & ELECTRONICS ACCESSIBLE  
24" x 24" MODULE SIZE



DRAWN SLG	MATERIAL	JOB NAME	TAG	QTY	REV #
CHKD RH	FINISH WHITE	ENGINEER	DRAWING NAME 032020-161		SHT 1/3
APRVD	SIZE 24 X 24	CONTRACTOR			SCL 1:12
					DO NOT SCALE

# FFDXRA

FAN FILTER UNIT - REVERSE FLOW  
MOTOR & ELECTRONICS ACCESSIBLE



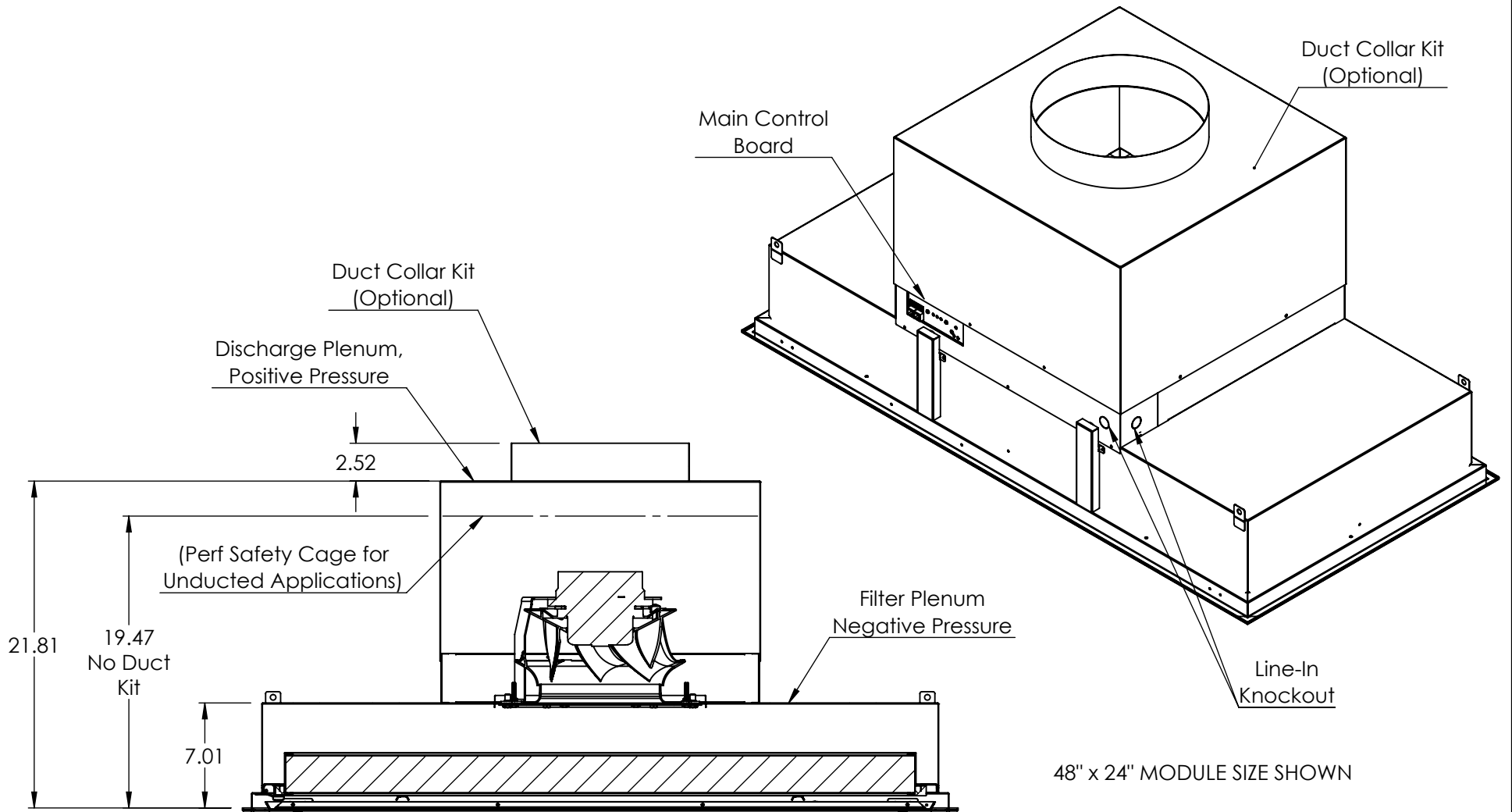
FACE FRAME AND HEPA FILTER  
REMOVED FOR CLARITY  
48" x 24" MODULE SIZE SHOWN



DRAWN SLG	MATERIAL	JOB NAME	TAG	QTY	REV #
CHKD RH	FINISH WHITE	ENGINEER	DRAWING NAME 032020-161		SHT 2/3
APRVD	SIZE	CONTRACTOR			SCL 1:10
					DO NOT SCALE

# FFDXRA

FAN FILTER UNIT - REVERSE FLOW  
MOTOR & ELECTRONICS ACCESSIBLE



DRAWN SLG	MATERIAL	JOB NAME	TAG	QTY	REV #
CHKD RH	FINISH WHITE	ENGINEER	DRAWING NAME 032020-161		SHT 3/3
APRVD	SIZE	CONTRACTOR			SCL 1:10
					DO NOT SCALE

# FFDXRA

FAN FILTER UNIT - REVERSE FLOW  
MOTOR & ELECTRONICS ACCESSIBLE

## PERFORMANCE DATA

48" x 24" - STANDARD FLOW FILTER, AT 0 STATIC, 120VAC			
Setpoint	CFM	CFM/ Sq Ft	Watts
100%	785	151	218
90%	687	132	164
80%	563	108	110
70%	454	87	76
60%	350	67	46
50%	272	52	30
40%	174	33	17
30%	98	19	12
20%	34	7	8

48" x 24" - STANDARD FLOW FILTER, AT 0 STATIC, 208-277VAC			
Setpoint	CFM	CFM/ Sq Ft	Watts
100%	950	183	345
90%	850	163	262
80%	729	140	184
70%	590	113	122
60%	454	87	76
50%	334	64	43
40%	237	46	25
30%	134	26	14
20%	55	11	8

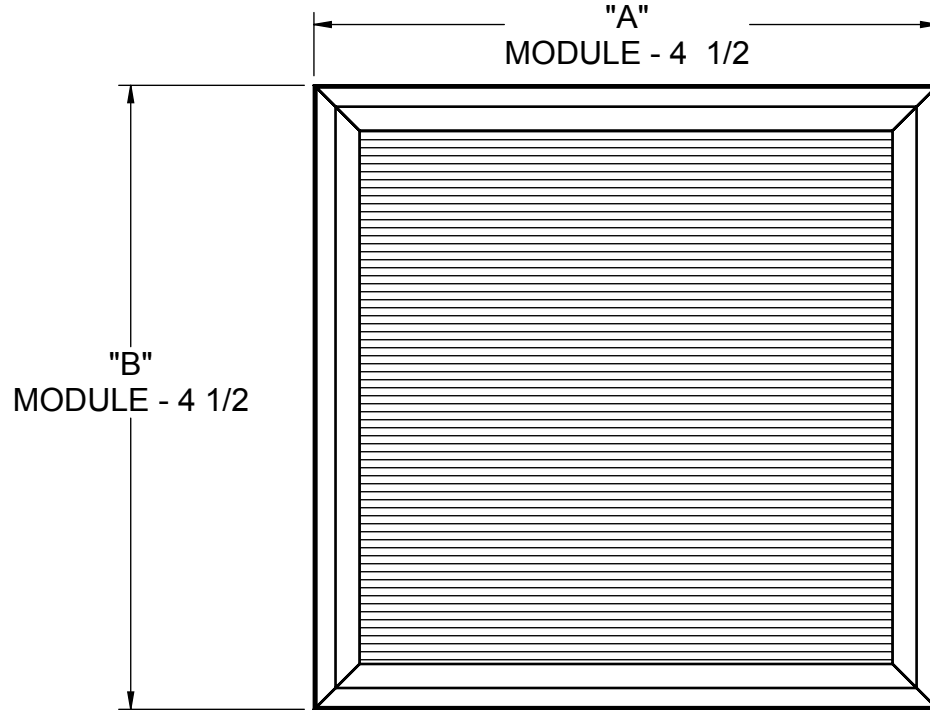
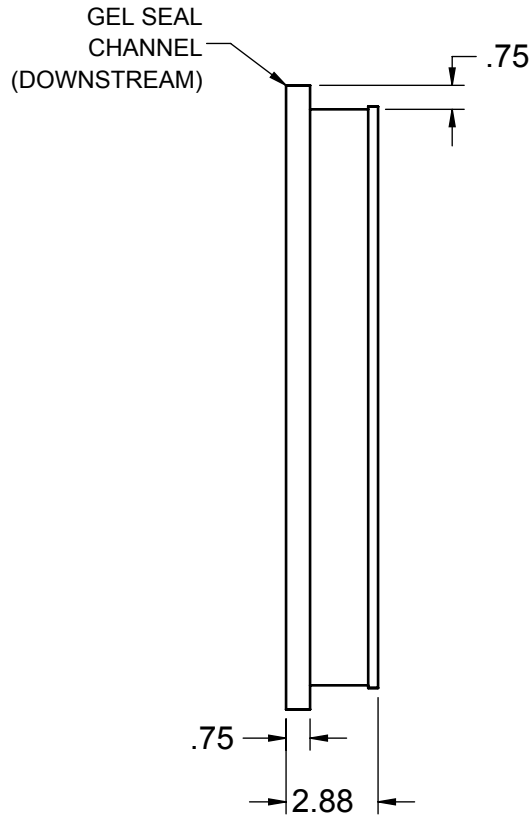
24" x 24" - STANDARD FLOW FILTER, AT 0 STATIC, 120VAC			
Setpoint	CFM	CFM/ Sq Ft	Watts
100%	426	162	177
90%	365	139	139
80%	297	113	93
70%	232	88	65
60%	173	65	46
50%	129	48	31
40%	81	30	22
30%	38	14	15
20%	15	6	11

24" x 24" - STANDARD FLOW FILTER, AT 0 STATIC, 208-277VAC			
Setpoint	CFM	CFM/ Sq Ft	Watts
100%	516	195	272
90%	454	173	220
80%	375	143	150
70%	301	114	102
60%	227	86	75
50%	174	66	46
40%	115	43	34
30%	51	19	18
20%	25	9	11



DRAWN SLG	MATERIAL	JOB NAME	TAG	QTY	REV #
CHKD RH	FINISH WHITE	ENGINEER	DRAWING NAME 032020-161		SHT 3/3
APRVD	SIZE	CONTRACTOR			SCL 1:10
					DO NOT SCALE

# FFDXRA FILTER DETAILS



DIFFUSER KNIFE EDGE  
DIMENSION =  
NOMINAL SIZE - 5 3/8"

MODULE SIZE	A	B
48 x 24	43.5	19.5
24 x 24	19.5	19.5
36 x 24	31.5	19.5

**NOTES:**

1. FILTER EFFICIENCY TO BE 99.99% WITH 0.3 MICRON PARTICLES PER STANDARD: IEST RP-CC-001.5
2. THE FILTER RESISTANCES TO AIR FLOW WILL BE A MAIMUM OF 0.54" w.g. (135 Pa.) AT 100 fpm. (0.51 m/s).
3. FILTER IS PAO SCAN TESTED FOR LEAKS AT AN AIR FLOW OF 100 FPM(0.51 m/s)
4. FRAME MATERIAL: 304 STAINLESS STEEL
5. FILTER HAS A DOWNSTREAM GEL SEAL TO MATE WITH DIFFUSER HEPA KNIFE EDGE. GEL SEAL MATERIAL IS URETHANE.
6. FILTER MEDIA IS A 2" (51) DEEP SEPERATORLESS MEDIA PACK.
7. FILTER TO BE CONSTRUCTED OF FIRE-RATED MATERIAL PER STANDARD: UL-900 CLASS 2
8. FILTER HAS A CENTERBOARD WITH REMOVABLE TEST PORT FOR FILTER PRESSURE DROP MEASUREMENT, DAMPER ADJUSTMENT OR LEAKAGE TESTING. CADMIUM PLATED SCREW (INCLUDED WITH FILTER).
9. THE FILTER MAXIMUM OPERATING TEMPERATURE IS 160°F(71°C) AND THE MAXIMUM RLATIVE HUMIDITY (R.H.) IS 100%



DRAWN SLG	MATERIAL	JOB NAME	TAG	QTY	REV #
CHKD RH	FINISH WHITE	ENGINEER	DRAWING NAME 032020-161		SHT 1/3
APRVD	SIZE	CONTRACTOR			SCL 1:12
					DO NOT SCALE