

Part Number: ICS-STD-2X4-120 Fan Filter Unit

About:

Fan Filter Units (FFUs) are essential building blocks, whether constructing new spaces or upgrading existing ones. The Instant Cleanroom Solutions FFUs offer a rapid, flexible, and cost-effective path to achieving stringent ISO cleanliness standards. These lightweight, modular units can be quickly installed in a standard ceiling grid to transform any suitable room into a controlled environment, allowing clients to establish clean workspace immediately without the significant lead times or capital expenditures associated with traditional construction.

Dimensions FFU:		
Width	Length	Depth
23" 9/16	47" 9/16	7" 1/12
605mm	1215mm	315mm

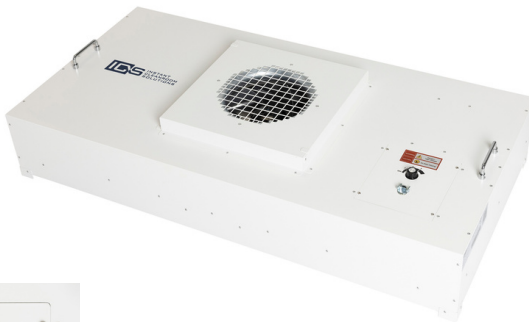
Dimensions HEPA Filter:		
Width	Length	Depth
23" 9/16	47" 9/16	3"

General	
Cabinet	Powder Coated Aluminum T1.0mm
Control	Single Control, 3 level speed rotary switch
Weight	45.9 lb

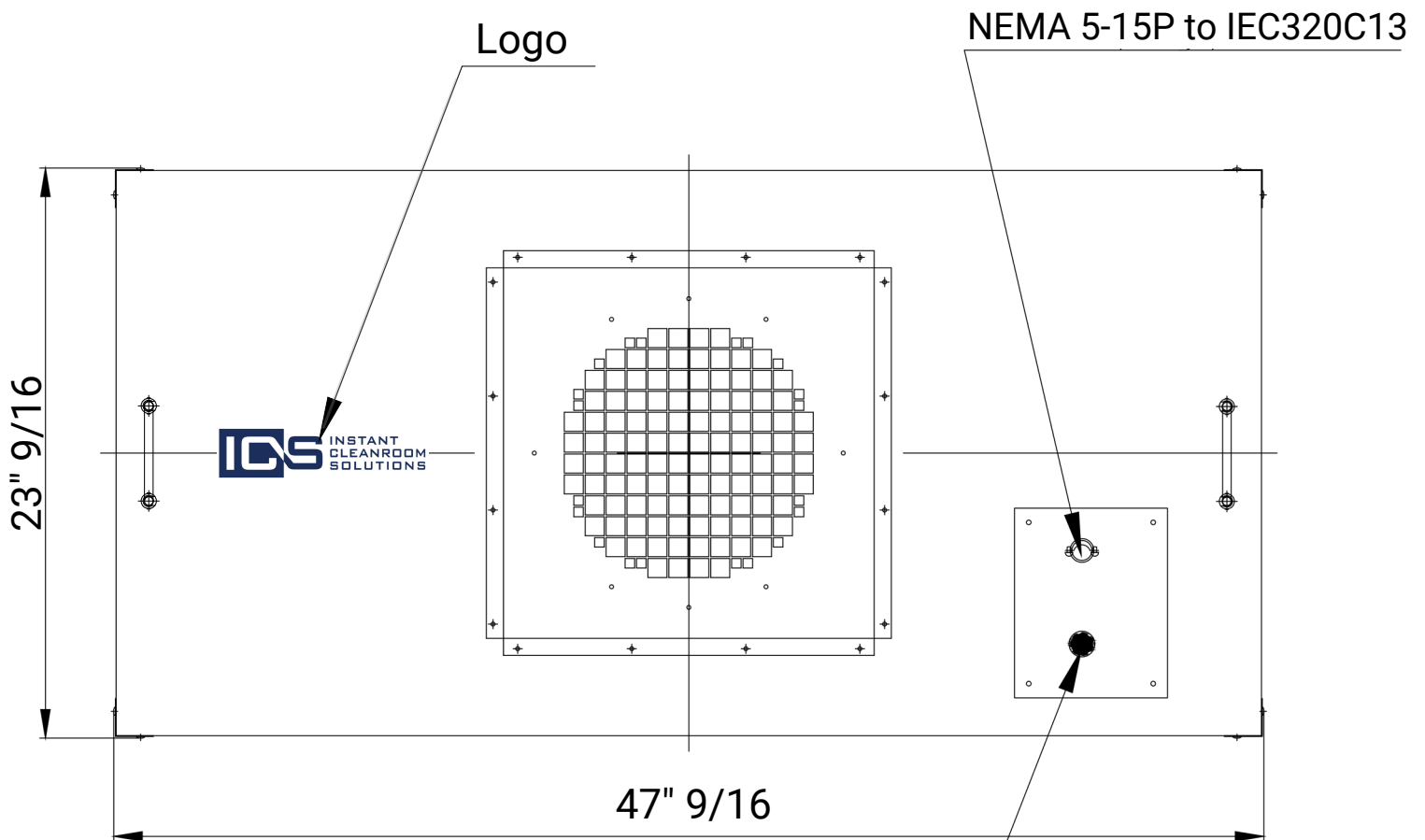
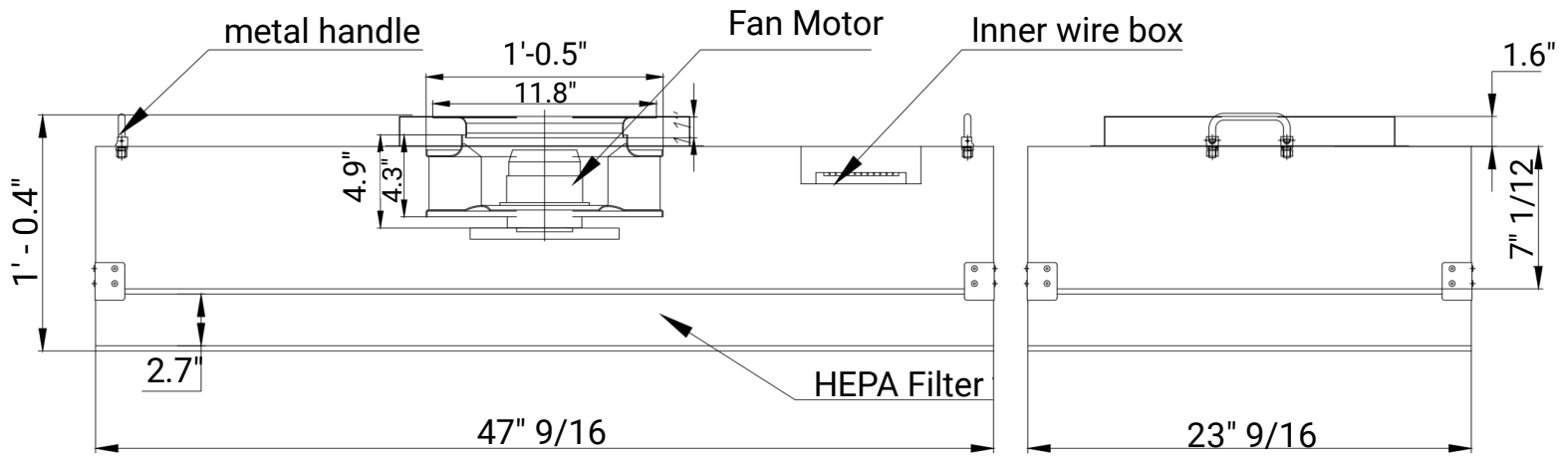


Power	
Power Supply	120V / 60hz/1PH 1.4AMP 150W
Electrical Connection	NEMA 5-15P to IEC320C13 (included)

Environmental	
Airflow	580CFM - 706CFM (L/M/H)
Velocity	60 - 108 Ft/Min (L/M/H)
Fan Motor	AC UL Listed AFLY310, 1650RPM
HEPA Filter Static Pressure (Clean)	0.449" WC
Efficiency:	H14 99.995% @ .3um dry seal type
Noise Level:	52dB - 56 dB



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120 V FFU DIAGRAM		NAME	DATE
A / 3	DESIGNED	DV	10/30/2023
	DRAWN	RM	01/08/2024
	CHECKED	PA	03/24/2024
	APPROVED	DV	04/24/2024