
DESCRIPTION:

Nailor 92FFUM-RF-SS Reverse flow Fan filter mobile units have been designed to create a negative pressure environment and pull contaminants from the desired area. This portable version fan filter unit plugs into a standard electrical wall outlet and can be placed anywhere on the floor of the isolation room.

ECM technology provides an ultra-energy efficient design with the ability to precisely set a constant air volume. As filter loading increases fan external static pressure, the ECM will compensate to maintain set airflow.

Filters are secured within the plenum against a continuous knife edge that contacts the gel channel of the filter, providing a leak proof seal. Filters are protected by a perforated face, room-side removable via quarter-turn fasteners.

STANDARD FEATURES:

- 304 Stainless Steel fully welded cabinet. (51% free area). The face plate is removable for cleaning, filter replacement and is secured by 1/4 turn fasteners.
- LED fan operation indicator (on during normal operation).
- Standard HEPA filter (99.99% on 0.3 µm).
- High Efficiency ECM for precise constant airflow and field balancing. 120V/1PH/60Hz.
- 12" (305) dia. outlet collar.
- Toggle discount switch.
- Face adjustable airflow control.
- Face accessible SPP.
- Push/Pull Handle.
- 4 Swivel Casters - (2) with Brakes.
- 10 Ft. Hospital Grade Cord with Plug.

EC Motor program:

- CF Constant Flow.
- CT Constant Torque.

OPTIONS:

- HEH High capacity HEPA filter.
- UL Standard ULPA filter (99.9995% on 0.12 µm).
- ULH High capacity ULPA filter.
- LFI Loaded filter indicator.
- PFM8 MERV 8 pre-filter.
- 14" (356) duct collar.

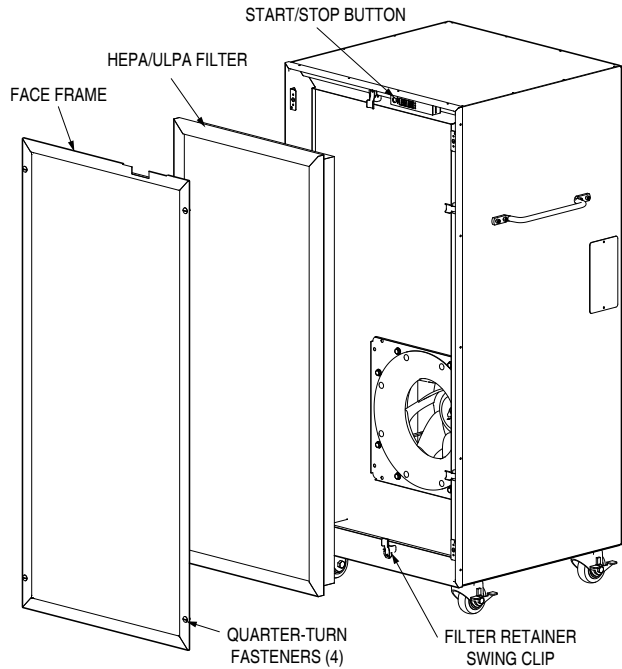
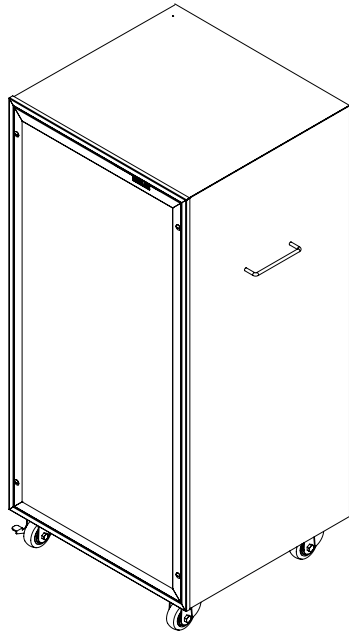
Finish:

- AW Appliance White.
- #4 Brushed Satin Polished finish.

SCHEDULE TYPE:		Page 1 of 2 Dimensions are in inches (mm).			
PROJECT:					
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	8 - 17 - 20	9200	4 - 6 - 20	92FFMU-RF-SS	



REVERSE FLOW FAN FILTER MOBILE UNIT
CRITICAL ENVIRONMENT APPLICATIONS
STAINLESS STEEL • ECM • HEPA/ULPA FILTER
MODEL: 92FFUM-RF-SS



FILTER DATA

SIZE	TYPE	FLOW	FILTER SIZE W x H x D	RATED CFM
48 x 24	HEPA	High	43 1/2 x 19 1/2 x 3 1/2 (1105 x 495 x 89)	1200
	HEPA	Standard	43 1/2 x 19 1/2 x 2 7/8 (1105 x 495 x 73)	900

PERFORMANCE DATA FOR DUCTED UNITS WITH 12" OUTLET:
48 x 24 x 12 RD, High Flow Filter, at 0 Static, 120 VAC:

SET POINT %	CFM	CFM/SQ. FT	WATTS	RPM
100%	930	179	237	2090
90%	806	155	174	1881
80%	672	129	120	1672
70%	545	105	81	1463
60%	415	80	50	1254
50%	292	56	32	1045
40%	183	35	17	836
30%	104	20	12	627
20%	34	7	8	418

NOTE:

Tests performed with high-flow HEPA filter; no pre-filter.

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