

SAM[®] 44 CRF

SAM 44 CRF Fan Filter Units feature HEPA or ULPA filters replaceable from roomside.

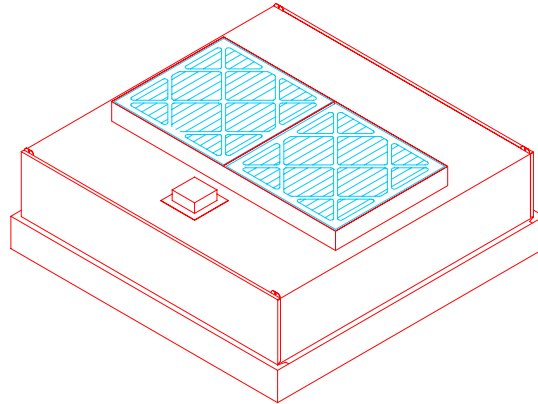
All standard SAM 44 Fan Filter Units include two (2) 99.99% efficient HEPA filters, two (2) prefilters and seismic clip suspension points. Housings are fabricated from 20 gauge steel with white powdercoat finish and are designed to fit a nominal 4' x 4' ceiling grid (46.5" x 46.5" standard opening).

Motor blower assemblies are chosen after consulting with our sales or engineering departments and are removable from roomside. Voltages range from 115 to 277 volt single phase, 50/60hz or 208 to 480 volt, three phase.

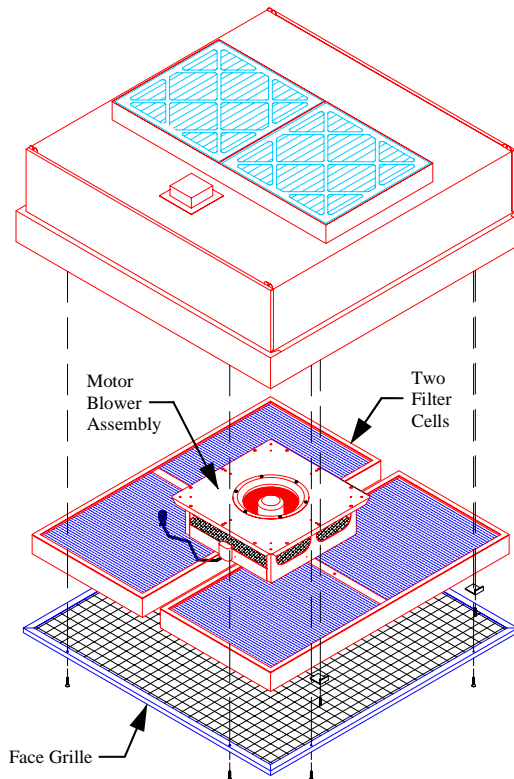
Final filters are protected with a white epoxy diamond pattern grille and are tested according to accepted procedures as described by the Institute of Environmental Sciences (IEST) and/or ISO standards. Filter options include gasket style ULPA 99.9995% or PTFE 99.99995% efficiencies and gel seal style HEPA or ULPA grade filters.

Removing the polystyrene eggcrate grille with an anodized aluminum frame, permits removal of the filter without removing the unit from the ceiling. Optional perforated stainless steel or aluminum grilles are available.

Consult with one of our cleanroom experts in your area, or call the factory for more information.

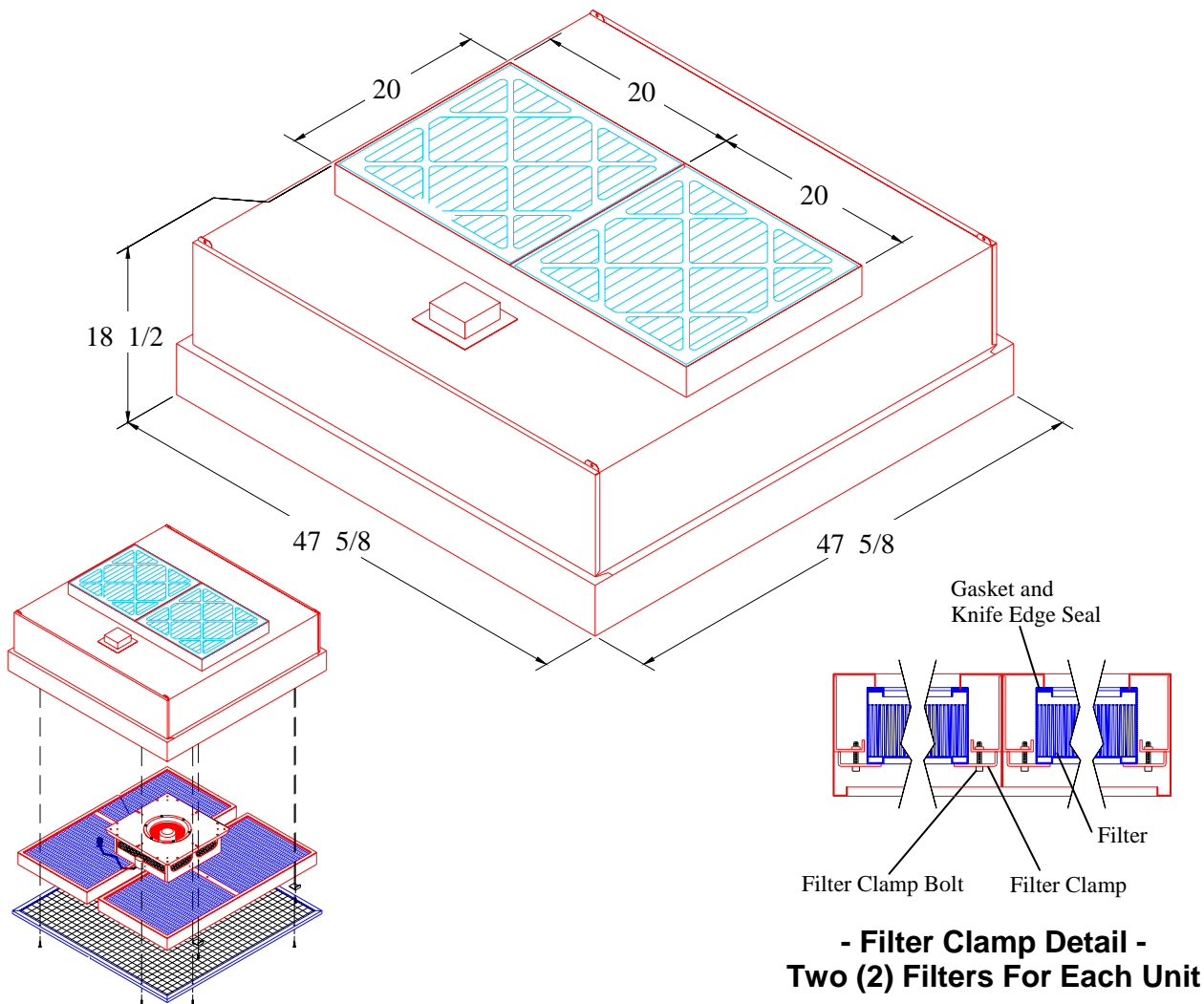


Motor Blowers Selected To Meet Your Performance Specifications



Motor Blower Assemblies Are Removable From Roomside

Data and Specifications for SAM[®] 44 CRF



**- Filter Clamp Detail -
Two (2) Filters For Each Unit**

Filter Data: two (2) 20-5/8" x 44-5/8" x 3" HEPA or ULPA Filters. Each HEPA filter is designed for 90 FPM average face velocity @ initial 0.47 w.g. and has a rated efficiency of 99.99% @ 0.3 micron or larger. An access port with removable plug is located in the center of the filter element face for introducing an upstream challenge or measuring static pressure.

Ordering Information

<u>Mfg. Code</u>	<u>Model or Description</u>	<u>Size</u>	<u>Voltage</u>	<u>Hz</u>	<u>Motor</u>	<u>Watts</u>	<u>FLA</u>	<u>Weight</u>
12399	SAM 44 CRF	4 x 4	*	*	*	*	*	*
302190	Prefilter 30% ASHRAE efficient, pleated type (2 required)							
302030	CRF Style Replacement HEPA Filter, 99.99% eff. @ 0.3 micron (2 required)							
302040	CRF Style Replacement ULPA Filter, 99.9995% eff. @ 0.12 micron (2 required)							
302200	Gel Seal Style HEPA Filter, 99.99% eff. @ 0.3 micron (2 required)							
302203	Gel Seal Style ULPA Filter, 99.9995% eff. @ 0.12 micron (2 required)							

*Motor Blower Selection will determine these items