



FILTER GRILL SIZING

The correct size filter for your air conditioning and heating system is very important for proper operation. A filter that is undersized (or dirty) can restrict the flow of air through your system and affect the performance and may lead to higher energy cost. A general guide to the minimum filter area in square inches (width x height of the filter) is below based on the system capacity (size in tons). If your system has two or more filters, this would also represent the minimum combined area of all filters. If you are unsure about sizing please consult your Air Conditioning and Heating Contractor.

SIZE HVAC	MIN. FILTER AREA (L"XW")	EXAMPLE MIN. FILTER SIZE**
1 ½ Ton	400 square inches	20"x20"
2 Ton	540 square inches	24"x24"
2 ½ Ton	670 square inches	24"x30"
3 Ton*	800 square inches	2 - 20"x20"
3 ½ Ton*	940 square inches	2 - 20"x24"
4 Ton*	1075 square inches	2 - 20"x30"
5 Ton*	1350 square inches	2 - 24"x30"

Return Filter Grill Sizing based on: 1) CFM/2.0 CFM/Sq. In. = Net Free Area, 2) Net Free Area/.75=Min. Area of Filter.

*Two return filter grills recommended. **Examples filter size is for illustration only, refer to Min. Net Free Area for optimal results.