



WILDFIRE SMOKE, WOOD STOVE SMOKE, OUTSIDE ODORS, AIR-BORNE POLLUTANTS, DUST, AND POLLEN CAN BE A PROBLEM

Filters are used to remove particles and odors from the air stream. The **Lifebreath SCRUBBER** air treatment system integrates a variety of filters into an effective air filtering system.

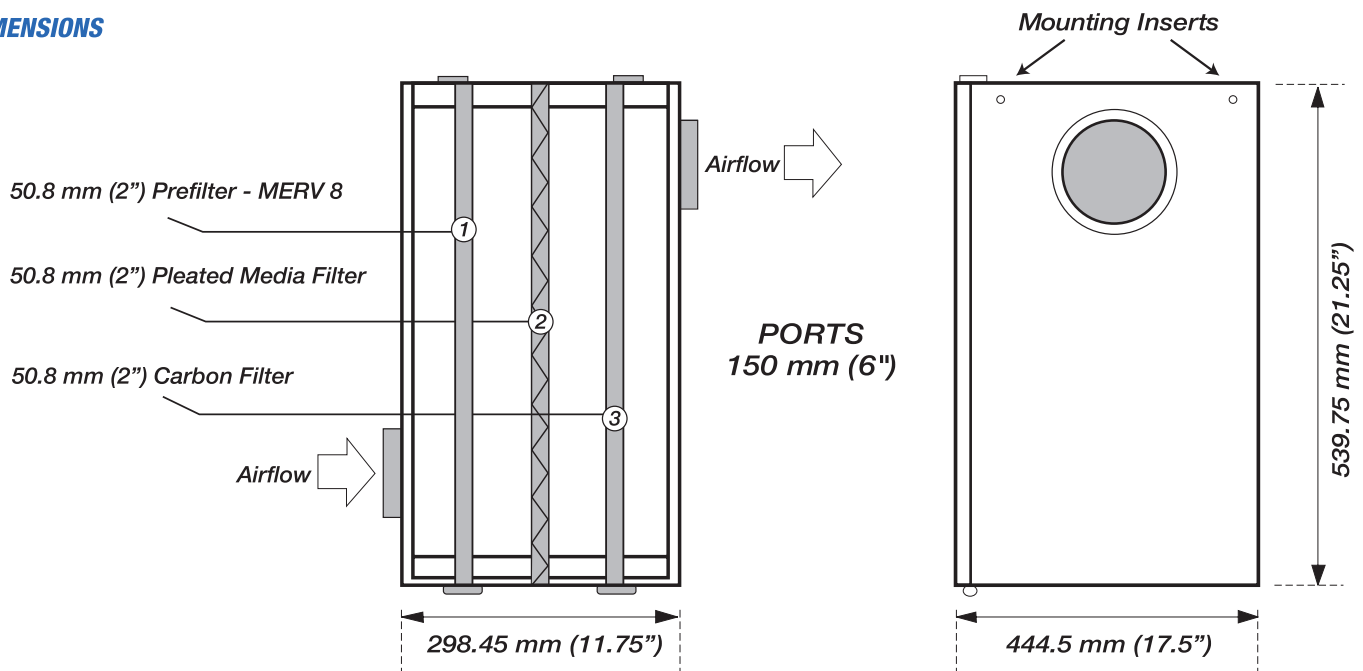
PREFILTER - The 2" MERV 8 prefilter is a white mesh polyester fiber. The purpose of this filter is to trap larger particles entering the **Lifebreath SCRUBBER**.

PLEATED MEDIA FILTER - This large 2" MERV 13 filter is pleated to increase its surface area. It is a high performance, non woven cotton fabric reinforced with scrim and laminated to an expanded metal backup mesh. Media tests at 30 - 35% ASHRAE Test Method.

ACTIVATED CARBON FILTER - The 2" activated carbon filter function as a purifying adsorptive net by trapping odors and impurities in the activated carbon's vast surface network where they remain embedded.

FILTERING THE AIR YOU BREATHE

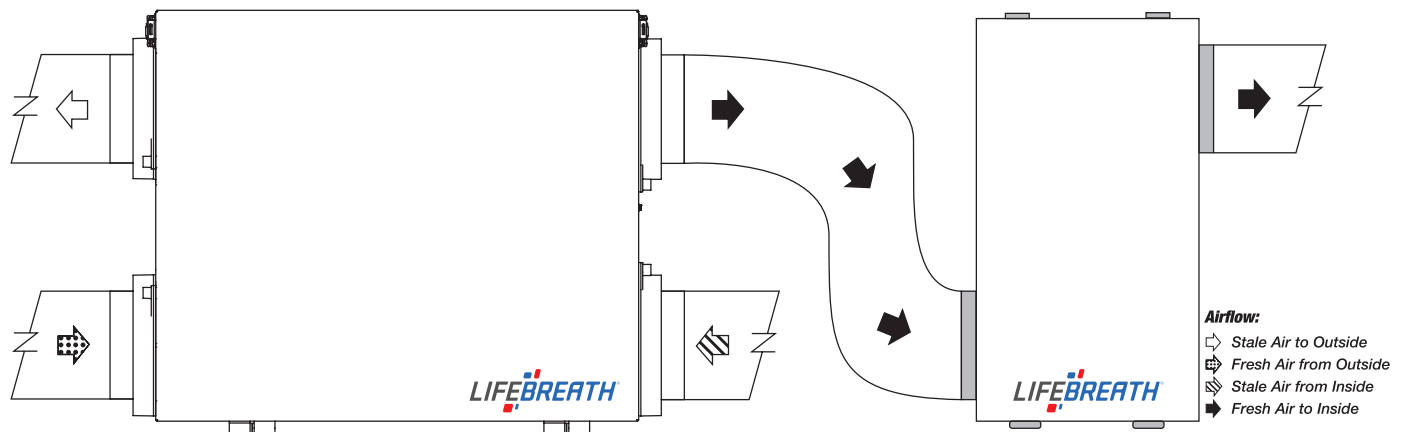
DIMENSIONS



Weight 22 LBS (10 Kg)

The Lifebreath SCRUBBER can be installed in multiple configurations.

SAMPLE CONFIGURATION



NOTE: Airflow may be reversed in warm climates (ie - fresh air from outside directly to the Lifebreath SCRUBBER, then to the HRV/ERV).

TESTING RESULTS

Particle size Efficiency and MERV Rating

Micron Size	Average Efficiency	MERV Range	Efficiency
0.3	87.16%	0.3-1.0	89.99%
0.5	90.65%	1.0-3.0	92.66%
1	92.17%	3.0-10.0	94.87%
		MERV Rating	15

Pressure Drop

CFM	Pressure Drop
82	0.10
97	0.13
108	0.15
131	0.19
157	0.25