

RE5 Fan 100-125 Volt AC Wind CFM Test

The following test was conducted in an enclosed warehouse using a solid state hot wire anemometer.

Several readings for air speed were taken using 60 second averages and 10 second averages on two separate wind meters. The averages of the wind speed were multiplied by the area of the opening to get flow rate.

Air Flow (CFM)

Fan Speed	CFM (avg)	CFM (MAX)	CFM (MIN)
100%	5213	5350	*
50%	2816	*	*
3%	217	*	167

Air Flow (cubic feet per second, ft³/s)

Fan Speed	ft ³ /s (avg)	ft ³ /s (MAX)	ft ³ /s (MIN)
100%	86.8	88.3	*
50%	46.9	*	*
3%	3.6	*	2.7

Metric Air Flow (meter cubed per minute, m³ / min)

Fan Speed	m ³ /min (avg)	m ³ /min (MAX)	m ³ /min (MIN)
100%	147.6	150	*
50%	79.7	*	*
3%	6.1	*	4.7