

## RE5 Fan 100 - 125 VAC 100% Wind Speed Test

The following test was conducted in an enclosed warehouse with a 50' x 16' grid mapped to 4'x4' squares. The Fan was located at one end of the grid and faced parallel to the ground. These readings are taken at 100% speed.

A reading was taken at each point with a solid state hot wire wind speed meter. Meter was pointing directly at the center of the fan grill. The Speed sensor was mounted 40" from the ground and placed at each of the 70 marked positions. Readings were recorded as 15 second averages and balanced to correct for off center deviations.

**Speed (MPH)**

	[Fan]					
	8'	4'	0'	4'	8'	
0'	0.0	0.0	55.5	0.0	0.0	0'
2'	0.0	0.0	36	0.0	0.0	2'
6'	0.0	0.0	29	0.0	0.0	6'
10'	0.0	0.0	27	0.0	0.0	10'
14'	0.0	0.0	23.5	0.0	0.0	14'
18'	0.0	1.0	18	1.0	0.0	18'
22'	0.1	2	16	2	0.1	22'
26'	0.0	3.1	14.5	3.1	0.0	26'
30'	0.7	4.9	13	4.9	0.7	30'
34'	1.2	5	11	5	1.2	34'
38'	1.4	4.7	9.5	4.7	1.4	38'
42'	1.8	4.5	8.2	4.5	1.8	42'
46'	2.1	4.8	7.6	4.8	2.1	46'
50'	2.5	4.8	6.9	4.8	2.5	50'