

## ZOO Fans Destratification Fan

Test Result Data for Model: H120 Premium Efficiency

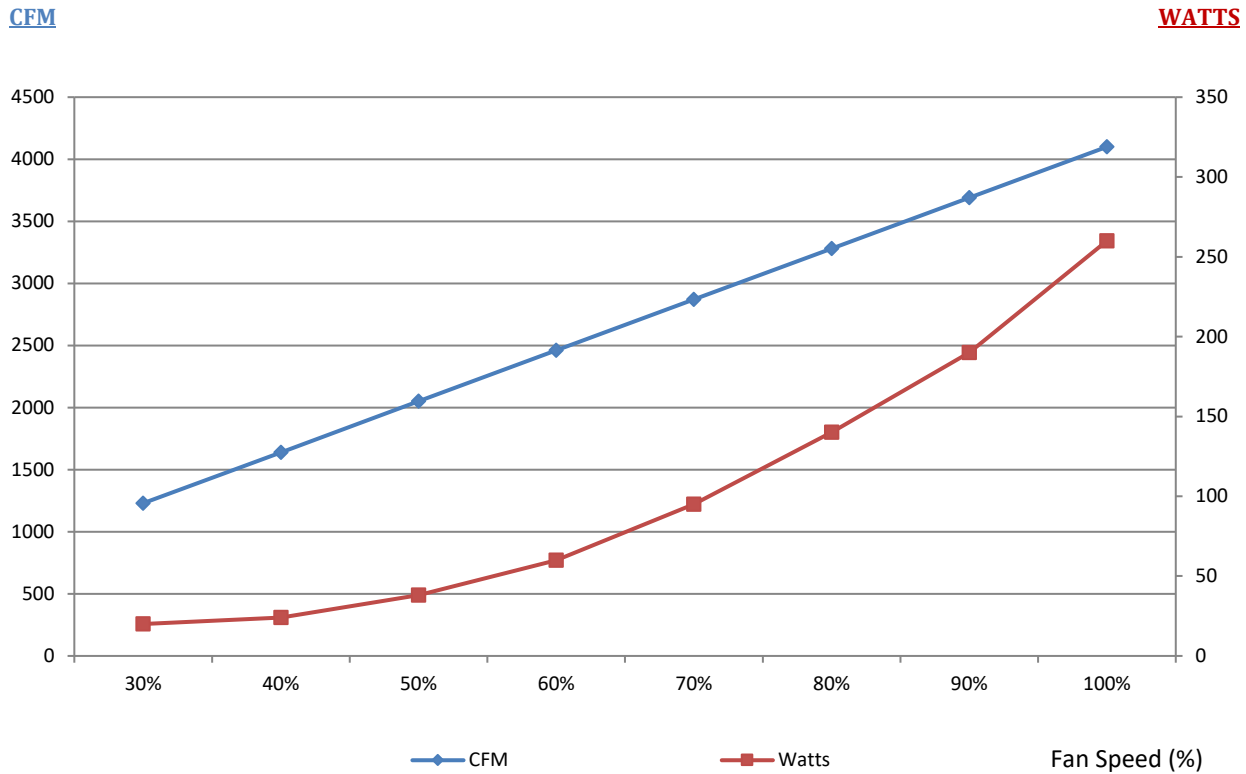
### Description

Test results for H120-EC Premium Efficiency Fan using the 208V-277V motor with guard grill on suction side and air guide installed.

### Fan

- H120 Premium Efficiency
- 208V ~277V 60Hz 260 watts 1.15A
- 1120 RPM
- Multi-Functional air guide on exhaust side
- Finger guard grill on suction side

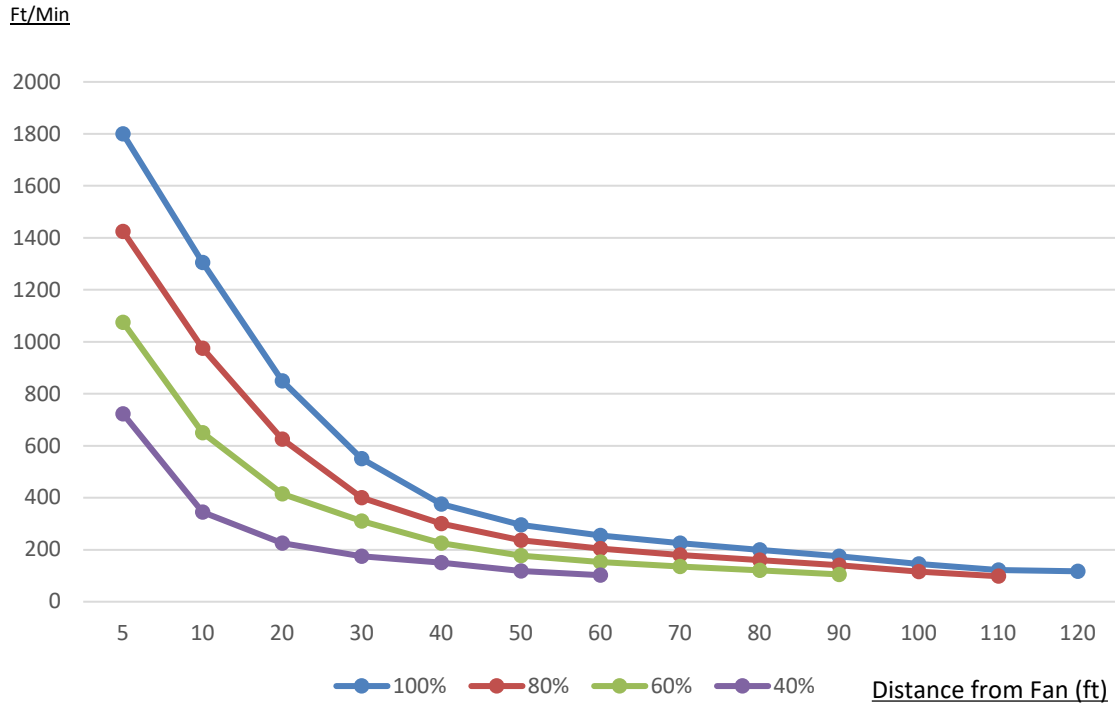
### Air Flow Measurements



### Data Table

Fan Speed	Control Signal (V)	CFM	RPM	Watts	Amps	Sound Power (LwA6)
100%	10	4100	1120	260	1.15	70
90%	9	3690	1008	190	0.84	68
80%	8	3280	900	140	0.62	65
70%	7	2870	784	95	0.42	61
60%	6	2460	670	60	0.30	57
50%	5	2050	560	38	0.26	52
40%	4	1640	450	24	0.17	47
30%	3	1230	336	20	0.10	42

## Throwing Range Measurements



## Data Table

100%	
Distance from fan (ft)	Air Speed (ft/min)
5	1800
10	1305
20	850
30	550
40	375
50	295
60	255
70	225
80	200
90	175
100	145
110	122
120	117

80%	
Distance from fan (ft)	Air Speed (ft/min)
5	1425
10	975
20	625
30	400
40	300
50	236
60	204
70	180
80	160
90	140
100	116
110	98

60%	
Distance from fan (ft)	Air Speed (ft/min)
5	1075
10	650
20	415
30	310
40	225
50	177
60	153
70	135
80	120
90	105

40%	
Distance from fan (ft)	Air Speed (ft/min)
5	723
10	345
20	225
30	175
40	150
50	118
60	102