

		Feet	Meters							
	<b>Turbine Height</b>	15	4.572							
	<b>Turbine Diameter</b>	10	3.048			<b>Turbine Model</b>				
						<b>HD-15</b>				
	<b>Circumference</b>	31.4	9.57072							
		<b>Square Feet</b>	<b>Square Meters</b>							
	<b>Swept Area</b>	150	13.935456							
				<b>Rotational</b>	<b>Wind</b>	<b>Turbine</b>	<b>Turbine</b>	<b>Turbine</b>		<b>10 Turbine</b>
	<b>Wind Speed</b>			<b>Frequency</b>	<b>Power Available</b>	<b>Power Output</b>	<b>Power Output</b>	<b>Power Output</b>	<b>Torque</b>	<b>Power Output</b>
(m/s)	(km/h)	(mph)	RPM	Hz (rps)	(Watts)	(Watts)	(Kilowatts)	(Horsepower)	(N-m)	(Horsepower)
1	3.6	2.237	19.8	0.33	5.9	1.5	0	0	0.7	0.02
2	7.2	4.474	12.6	0.21	46.9	11.8	0	0.02	8.9	0.16
3	10.8	6.711	18.6	0.31	230.5	58.1	0.1	0.08	29.8	0.78
4	14.4	8.948	25.2	0.42	546.3	137.7	0.1	0.18	52.2	1.85
5	18	11.185	31.2	0.52	1066.9	268.9	0.3	0.36	82.3	3.61
6	21.6	13.422	37.8	0.63	1843.7	464.6	0.5	0.62	117.4	6.23
7	25.2	15.659	43.8	0.73	2927.7	737.8	0.7	0.99	160.9	9.89
8	28.8	17.896	50.4	0.84	4370.2	1101.3	1.1	1.48	208.8	14.77
9	32.4	20.133	56.4	0.94	6222.4	1568	1.6	2.1	265.6	21.03
10	36	22.37	62.4	1.04	8535.5	2150.9	2.2	2.88	329.3	28.84
11	39.6	24.607	69	1.15	11360.7	2862.9	2.9	3.84	396.4	38.39
12	43.2	26.844	75	1.25	14749.3	3716.8	3.7	4.98	473.5	49.84
13	46.8	29.081	81.6	1.36	18752.4	4725.6	4.7	6.34	553.3	63.37
14	50.4	31.318	87.6	1.46	23421.3	5902.2	5.9	7.91	643.7	79.15
15	54	33.555	94.2	1.57	28807.2	7259.4	7.3	9.73	736.3	97.35