

BM18T TECHNICAL DATA

UNGUYED TOWER

WINDSPEED			AREA OF HEADLOAD				WINDAGE		O/T AT BASE	
m/s	kph	mph	m ²	ft ²	m ²	ft ²	kg	lb	tonnes m	tonnes ft
27	97	60	1.66	17.9	2.35	25.3	74.8	165.0	2.72	8.81
31	113	70	1.15	12.4	1.62	17.5	70.6	155.5	2.78	8.99
36	129	80	0.82	8.9	1.17	12.6	66.2	145.8	2.86	9.24
*38	137	85	0.70	7.6	0.99	10.7	63.8	140.6	2.90	9.39
40	145	90	0.60	6.5	0.85	9.2	61.2	134.8	2.95	9.53
45	161	100	0.43	4.7	0.61	6.6	54.6	120.3	3.02	9.76
49	177	110	0.31	3.4	0.44	4.8	47.8	105.3	3.11	10.06
54	193	120	0.20	2.2	0.28	3.1	36.8	81.1	3.11	10.06
* Minimum design windspeed in the U.K.. Headloads: 56kg (125lbs)										
Concrete foundations required: 1.8m ² x 1.2m										
Minimum ground bearing pressure: 10.94 tonnes/m ² (1ton/ft ²)										
Weight: 471kg (1039lbs)										