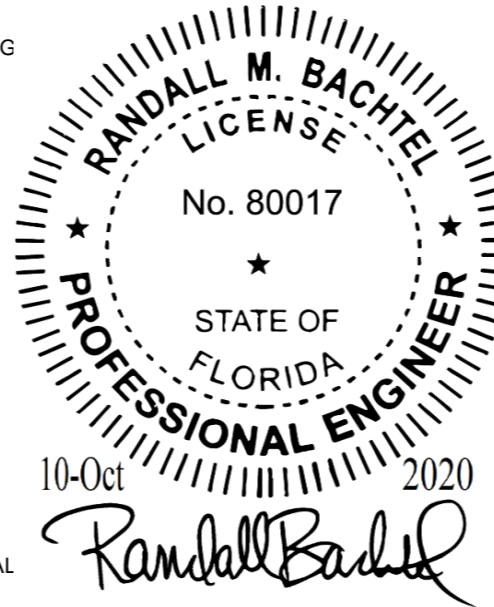


LIMITS & REQUIREMENTS OF USE:

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- THE AREA UNDER CONCRETE SLAB ON GROUND SHALL HAVE ALL MATERIALS REMOVED PRIOR TO INSTALLATION ON COMPACTED SOIL AS VERIFIED BY OTHERS. MINIMUM SOIL COEFFICIENT OF FRICTION = 0.25
- MAXIMUM DIMENSIONS AND WEIGHT OF UNIT / EQUIPMENT SHALL CONFORM TO SPECIFICATIONS STATED HEREIN. PAD WEIGHT TO BE VERIFIED BY OTHERS.
- ORIGINAL EQUIPMENT MANUFACTURER INSTALLATION INSTRUCTIONS SUPERSEDE HURRICANE PAD INSTALLATION INSTRUCTIONS IF MORE STRINGENT.
- ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
- THE ROLE OF THIS ENGINEER FOR THIS PROJECT IS THAT OF SPECIALTY ENGINEER AND NOT THE ENGINEER OF RECORD. CONSEQUENTLY, THE ARCHITECT/ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.
- ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN. USE OF THIS SPEC. BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- THIS ENGINEER SHALL NOT BE HELD RESPONSIBLE/LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT MUST REMAIN WITHIN THE LIMITATIONS SPECIFIED HEREIN.
- THIS DOCUMENT IS GENERIC AND DOES NOT PERTAIN TO ANY SPECIFIC PROJECT SITE.
- PADS / UNITS INSTALLED DIRECTLY ON ANY COASTLINE REQUIRE A HEAVIER AND LARGER PAD TO ACCOUNT FOR EXPOSURE D ; Table 28.3-1; Kz = 1.03
- ALL OTHER UNITS NOT SHOWN SHALL BE DESIGNED ON A CASE BY CASE BASIS.
- ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- PADS ARE CONSTRUCTED WITH PRECAST CONCRETE, MINIMUM COMPRESSIVE STRENGTH, f'c=7,000 PSI AT 28 DAYS.
- THIS ENGINEER SHALL BE GIVEN AN OPPORTUNITY TO RE-EVALUATE THIS WORK UPON DISCOVERY OF INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIAL

ENGINEERING DATA:

- ANALYSES PER 7th EDITION (2020) FLORIDA BUILDING CODE - SECTION 1620 HIGH VELOCITY HURRICANE ZONES.
- WIND LOADS & LOAD COMBINATIONS PER ASCE 7-10 SECTION 2.4.1 (LOAD COMBINATIONS), SECTION 29.5 & FIGURE 29.5.1 FOR: WIND LOADS ON OTHER STRUCTURES.
- EQUIPMENT TO BE ANCHORED TO THE PAD USING (8) DIVERSITECH HC-1 CLIPS. CENTER ALL EQUIPMENT ON PADS. ATTACH CLIPS TO EQUIP (22 GAGE METAL MIN) WITH 1/4" BLUE / WHITE OR STAINLESS TAPCON CONCRETE ANCHORS WITH MINIMUM OF 1" EMBEDMENT. MINIMUM TAPCON SPECIFICATION: 700 LB PULLOUT / 900 LB SHEAR.
- ALL EQUIPMENT REQUIRING TWO PADS ARE TO USE (12) TOTAL HC-1 CLIPS, FOUR (4) PER LENGTH AND TWO (2) PER WIDTH.
- RISK CATEGORY = II TABLE 1604.5 - RISK CATEGORY OF BUILDINGS AND OTHER STRUCTURES, SECTION 301.15 OF THE MECHANICAL CODE, WIND RESISTANCE, AND 553.844 OF THE FLORIDA STATUTES STORM LOSS MITIGATION.

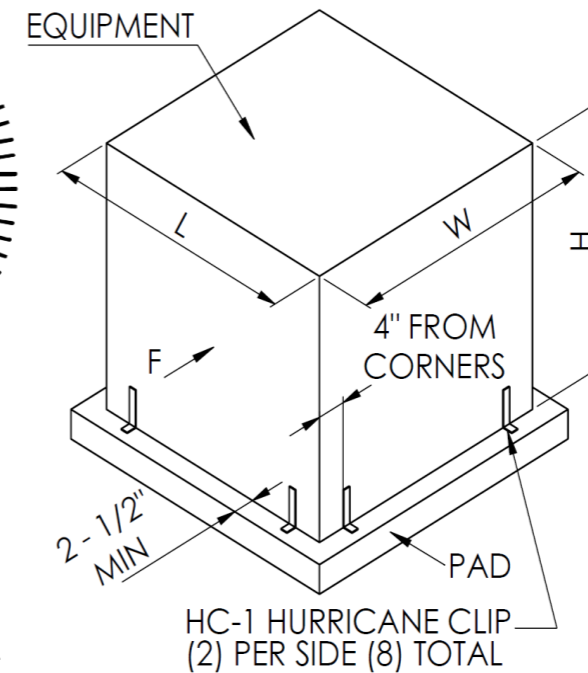


HURRICANE Pad™
HIGH WIND ZONE T-CLASS
UP TO **175 MPH**

FLORIDA BUILDING CODE NOTICE
This product meets the following building code requirements as calculated by Master Consulting Engineers:
1. Mechanical Volume, Section 304.10 - clearance from grade. This product is made from a minimum 15000 PSI concrete.
2. Pad weight and wind load requirements have been calculated per the Florida Building Code, Chapter 16.
Follow prescribed attachment methods as indicated on the engineering tables. For up-to-date calculations and documentation, visit our website www.diversitech.com or call 1-800-992-2222.

INSTALLATION INSTRUCTIONS
1. Choose acceptable equipment pad size and fastening method that meets wind load requirements in your area. Go to www.diversitech.com for equipment pad engineering tables.
2. Level the pad on the ground and place equipment on the pad.
3. Secure the equipment to the pad using the fastening methods set forth in the equipment pad tables.

DIVERSITECH
www.diversitech.com
1050 Sugarloaf Parkway
Duluth, GA 30097



HT-CLASS TO PAD MODEL#	PAD THICKNESS (in) = 4		
	WEIGHT	WIDTH	LENGTH
HT1840-4	160	18	40
HT2424-4	85	24	24
HT2436-4	120	24	36
HT3030-4	127	30	30
HT3232-4	165	32	32
HT3345-4	215	33	45
HT3636-4	180	36	36
HT3648-4	250	36	48
HT3852-4	265	38	52
HT4040-4	260	40	40
HT4242-4	265	42	42
HT4558-4	350	45	58
ZHT3672*	360	36	72
ZHT4080**	520	40	80
ZHT4872***	500	48	72
ZHT5890****	700	58	90

WIND LOAD CALCS:

Wind Speed V = 180 MPH
 $F = qz * G * Cf * Af$ (Eq. 29.5-2) = 70.65 *Af (lbs)
 $qz = 0.00256 * Kz * Kzt * Kd * V^2 = 63.45$ PSF
 Exposure C ; Table 28.3-1 Kz = 0.85
 Figure 26.8-1 Kzt = 1.00
 Table 26.6-1 Kd = 0.90
 Figure 29.5-1 Cf = 1.31
 G = 0.85

DiversiTech Corporation
3039 Premiere Pkwy - Suite 600
Duluth, GA 30097 (800) 397-4823



SPECIAL PAD CONFIG.
 * INDICATES TWO HT3636-4 PADS USED IN A 36" x 72" SHAPE
 ** INDICATES TWO HT4040-4 PADS USED IN A 40" x 80" SHAPE
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 **** INDICATES TWO 4558-4 PADS USED IN A 58" x 90" SHAPE

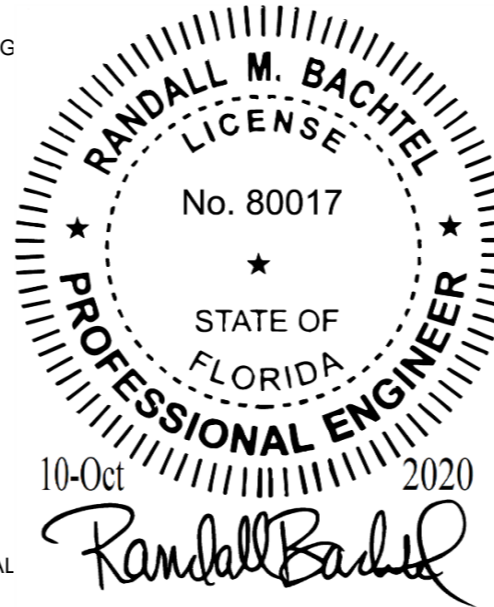
ROW #	UNIT / EQUIPMENT MAXIMUM DIMENSIONS INCHES			EQUIPMENT MINIMUM WEIGHT LBS.	HURRICANE HT-CLASS PAD USED				180 MPH		0.6(UNIT+ PAD) WEIGHT LBS.	RESISTING MOMENT FT-LBS.	DESIGN CHECK				
	WIDTH	LENGTH	HEIGHT		MODEL NUMBER	WEIGHT LBS.	PAD WIDTH IN.	PAD LENGTH IN.	PAD THICK IN.	WIND LOAD LBS.			0.6(WIND MOMENT) FT-LBS.	0.6(UNIT+ PAD) WEIGHT LBS.	RESISTING MOMENT FT-LBS.	OK FOR	180 MPH
1	11.0	32.0	23.0	63	HT3648-4	250	36	48	4.0	362	281	188	282	OK FOR	180 MPH		
2	11.0	32.0	23.0	127	HT3345-4	215	33	45	4.0	362	281	205	282	OK FOR	180 MPH		
3	13.0	24.0	32.0	378	HT3030-4	127	30	30	4.0	378	379	303	379	OK FOR	180 MPH		
4	13.0	24.0	32.0	547	HT2424-4	85	24	24	4.0	378	379	379	379	OK FOR	180 MPH		
5	13.0	26.0	30.0	292	HT3232-4	165	32	32	4.0	384	365	274	366	OK FOR	180 MPH		
6	13.0	28.0	29.0	234	HT3345-4	215	33	45	4.0	400	370	270	371	OK FOR	180 MPH		
7	13.0	30.0	24.0	130	HT3345-4	215	33	45	4.0	355	284	207	285	OK FOR	180 MPH		
8	13.0	30.0	24.0	472	HT1840-4	160	18	40	4.0	355	284	379	284	OK FOR	180 MPH		
9	13.0	30.0	26.0	182	HT3345-4	215	33	45	4.0	384	327	238	327	OK FOR	180 MPH		
10	13.0	30.0	26.0	567	HT1840-4	160	18	40	4.0	384	327	436	327	OK FOR	180 MPH		
11	13.0	30.0	28.0	237	HT3345-4	215	33	45	4.0	414	373	271	373	OK FOR	180 MPH		
12	13.0	30.0	28.0	669	HT1840-4	160	18	40	4.0	414	373	497	373	OK FOR	180 MPH		
13	19.0	24.0	35.0	392	HT3232-4	165	32	32	4.0	414	445	334	446	OK FOR	180 MPH		
14	19.0	24.0	35.0	622	HT2436-4	120	24	36	4.0	414	445	445	445	OK FOR	180 MPH		
15	19.0	26.0	29.0	265	HT3232-4	165	32	32	4.0	371	344	258	344	OK FOR	180 MPH		
16	19.0	26.0	29.0	454	HT2436-4	120	24	36	4.0	371	344	344	344	OK FOR	180 MPH		
17	19.0	28.0	30.0	262	HT3345-4	215	33	45	4.0	414	393	286	394	OK FOR	180 MPH		
18	19.0	28.0	30.0	536	HT2436-4	120	24	36	4.0	414	393	394	394	OK FOR	180 MPH		
19	19.0	31.0	21.0	68	HT3345-4	215	33	45	4.0	321	233	170	233	OK FOR	180 MPH		
20	19.0	31.0	21.0	269	HT2436-4	120	24	36	4.0	321	233	233	233	OK FOR	180 MPH		
21	19.0	31.0	24.0	141	HT3345-4	215	33	45	4.0	366	294	214	294	OK FOR	180 MPH		
22	19.0	31.0	24.0	370	HT2436-4	120	24	36	4.0	366	294	294	294	OK FOR	180 MPH		
23	23.2	23.2	26.0	91	HT3345-4	215	33	45	4.0	296	252	184	253	OK FOR	180 MPH		
24	23.2	23.2	26.0	210	HT3030-4	127	30	30	4.0	296	252	202	253	OK FOR	180 MPH		
25	23.2	23.2	28.7	83	HT3648-4	250	36	48	4.0	326	300	200	300	OK FOR	180 MPH		
26	23.2	23.2	28.7	210	HT3232-4	165	32	32	4.0	326	300	225	300	OK FOR	180 MPH		
27	24.8	24.8	28.7	107	HT3648-4	250	36	48	4.0	350	321	214	322	OK FOR	180 MPH		
28	24.8	24.8	28.7	237	HT3232-4	165	32	32	4.0	350	321	241	322	OK FOR	180 MPH		

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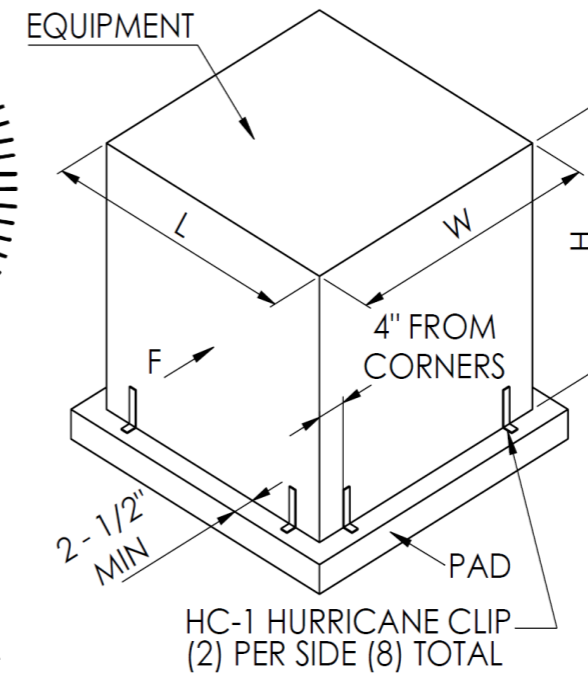


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UP TO **175 MPH**

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2. Pad weight and wind load requirements have been calculated per the Florida Building Code, Chapter 16.
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DIVERSITECH
www.diversitech.com
1000 Capital Parkway
Duluth, GA 30097



HT-CLASS TO PAD MODEL#	PAD THICKNESS (in) = 4		
	WEIGHT	WIDTH	LENGTH
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HT2424-4	85	24	24
HT2436-4	120	24	36
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HT3232-4	165	32	32
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HT4242-4	265	42	42
HT4558-4	350	45	58
ZHT3672*	360	36	72
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WIND LOAD CALCS:

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 Figure 26.8-1 Kzt = 1.00
 Table 26.6-1 Kd = 0.90
 Figure 29.5-1 Cf = 1.31
 G = 0.85

DiversiTech Corporation
3039 Premiere Pkwy - Suite 600
Duluth, GA 30097 (800) 397-4823



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 *** INDICATES TWO 3648-4 PADS USED IN A 48" x 72" SHAPE
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ROW #	UNIT / EQUIPMENT MAXIMUM DIMENSIONS INCHES			EQUIPMENT MINIMUM WEIGHT LBS.	HURRICANE HT-CLASS PAD USED				180 MPH		0.6(UNIT+ PAD) WEIGHT LBS.	RESISTING MOMENT FT-LBS.	DESIGN CHECK		
	WIDTH	LENGTH	HEIGHT		MODEL NUMBER	WEIGHT LBS.	PAD WIDTH IN.	PAD LENGTH IN.	PAD THICK IN.	WIND LOAD LBS.			0.6(WIND MOMENT) FT-LBS.	OK FOR	180 MPH
29	25.0	25.0	26.0	116	HT3345-4	215	33	45	4.0	320	273	199	273	OK FOR	180 MPH
30	25.0	25.0	26.0	237	HT3030-4	127	30	30	4.0	320	273	218	273	OK FOR	180 MPH
31	25.8	25.8	31.0	124	HT4040-4	260	40	40	4.0	393	384	231	384	OK FOR	180 MPH
32	25.8	25.8	31.0	247	HT3636-4	180	36	36	4.0	393	384	256	384	OK FOR	180 MPH
33	25.8	25.8	32.4	129	HT4242-4	265	42	42	4.0	410	413	237	414	OK FOR	180 MPH
34	25.8	25.8	32.4	280	HT3636-4	180	36	36	4.0	410	413	276	414	OK FOR	180 MPH
35	26.2	26.2	30.0	109	HT4040-4	260	40	40	4.0	387	368	221	369	OK FOR	180 MPH
36	26.2	26.2	30.0	230	HT3636-4	180	36	36	4.0	387	368	246	369	OK FOR	180 MPH
37	26.2	26.2	33.0	152	HT4242-4	265	42	42	4.0	426	437	250	437	OK FOR	180 MPH
38	26.2	26.2	33.0	306	HT3636-4	180	36	36	4.0	426	437	292	437	OK FOR	180 MPH
39	26.2	26.2	35.0	198	HT4242-4	265	42	42	4.0	451	486	278	486	OK FOR	180 MPH
40	26.2	26.2	35.0	360	HT3636-4	180	36	36	4.0	451	486	324	486	OK FOR	180 MPH
41	29.3	33.0	41.0	181	ZHT4872***	500	48	72	4.0	666	816	408	817	OK FOR	180 MPH
42	29.3	33.0	41.0	376	HT4558-4	350	45	58	4.0	666	816	436	817	OK FOR	180 MPH
43	31.0	55.0	27.0	349	ZHT3672**	360	36	72	4.0	729	638	426	638	OK FOR	180 MPH
44	31.0	55.0	31.0	547	ZHT3672**	360	36	72	4.0	837	816	544	817	OK FOR	180 MPH
45	31.2	31.2	34.0	138	HT4558-4	350	45	58	4.0	522	549	293	549	OK FOR	180 MPH
46	31.2	31.2	34.0	289	HT4040-4	260	40	40	4.0	522	549	330	549	OK FOR	180 MPH
47	31.2	31.2	35.0	165	HT4558-4	350	45	58	4.0	537	578	309	579	OK FOR	180 MPH
48	31.2	31.2	35.0	319	HT4040-4	260	40	40	4.0	537	578	347	579	OK FOR	180 MPH
49	31.2	31.2	35.8	185	HT4558-4	350	45	58	4.0	549	601	321	602	OK FOR	180 MPH
50	31.2	31.2	35.8	342	HT4040-4	260	40	40	4.0	549	601	361	602	OK FOR	180 MPH
51	31.2	31.2	37.0	120	ZHT4080**	520	40	80	4.0	568	640	384	640	OK FOR	180 MPH
52	31.2	31.2	37.0	380	HT4040-4	260	40	40	4.0	568	640	384	640	OK FOR	180 MPH
53	31.2	31.2	39.2	280	HT4558-4	350	45	58	4.0	601	708	378	709	OK FOR	180 MPH
54	31.2	31.2	39.2	449	HT4040-4	260	40	40	4.0	601	708	425	709	OK FOR	180 MPH
55	31.2	35.0	31.0	114	HT4558-4	350	45	58	4.0	534	521	278	522	OK FOR	180 MPH
56	31.2	35.0	31.0	262	HT4040-4	260	40	40	4.0	534	521	313	522	OK FOR	180 MPH

LIMITS & REQUIREMENTS OF USE:

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- ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN. USE OF THIS SPEC. BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- THIS ENGINEER SHALL NOT BE HELD RESPONSIBLE/LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT MUST REMAIN WITHIN THE LIMITATIONS SPECIFIED HEREIN.
- THIS DOCUMENT IS GENERIC AND DOES NOT PERTAIN TO ANY SPECIFIC PROJECT SITE.
- PADS / UNITS INSTALLED DIRECTLY ON ANY COASTLINE REQUIRE A HEAVIER AND LARGER PAD TO ACCOUNT FOR EXPOSURE D ; Table 28.3-1; Kz = 1.03
- ALL OTHER UNITS NOT SHOWN SHALL BE DESIGNED ON A CASE BY CASE BASIS.
- ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- PADS ARE CONSTRUCTED WITH PRECAST CONCRETE, MINIMUM COMPRESSIVE STRENGTH, f'c=7,000 PSI AT 28 DAYS.
- THIS ENGINEER SHALL BE GIVEN AN OPPORTUNITY TO RE-EVALUATE THIS WORK UPON DISCOVERY OF INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIAL

ENGINEERING DATA:

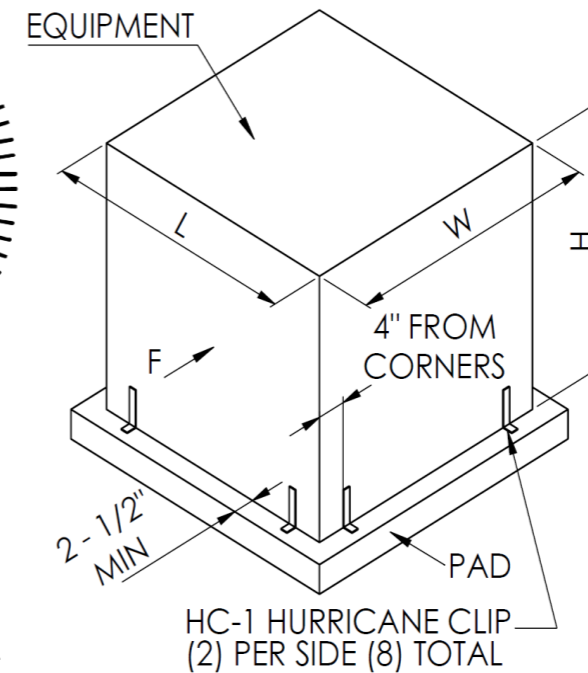
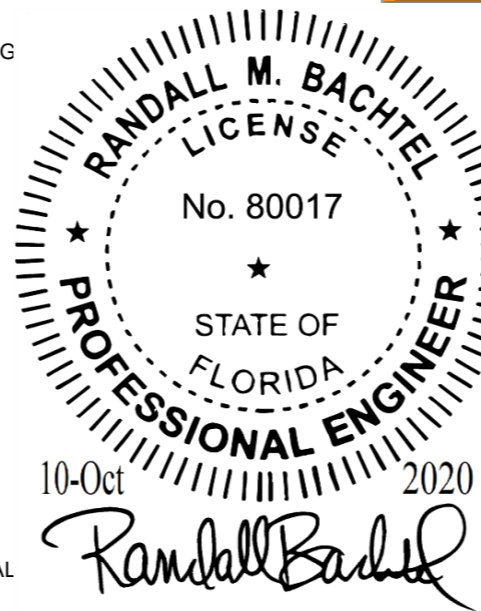
- ANALYSES PER 7th EDITION (2020) FLORIDA BUILDING CODE - SECTION 1620 HIGH VELOCITY HURRICANE ZONES.
- WIND LOADS & LOAD COMBINATIONS PER ASCE 7-10 SECTION 2.4.1 (LOAD COMBINATIONS), SECTION 29.5 & FIGURE 29.5.1 FOR: WIND LOADS ON OTHER STRUCTURES.
- EQUIPMENT TO BE ANCHORED TO THE PAD USING (8) DIVERSITECH HC-1 CLIPS. CENTER ALL EQUIPMENT ON PADS. ATTACH CLIPS TO EQUIP (22 GAGE METAL MIN) WITH 1/4" BLUE / WHITE OR STAINLESS TAPCON CONCRETE ANCHORS WITH MINIMUM OF 1" EMBEDMENT. MINIMUM TAPCON SPECIFICATION: 700 LB PULLOUT / 900 LB SHEAR.
- ALL EQUIPMENT REQUIRING TWO PADS ARE TO USE (12) TOTAL HC-1 CLIPS, FOUR (4) PER LENGTH AND TWO (2) PER WIDTH.
- RISK CATEGORY = II TABLE 1604.5 - RISK CATEGORY OF BUILDINGS AND OTHER STRUCTURES, SECTION 301.15 OF THE MECHANICAL CODE, WIND RESISTANCE, AND 553.844 OF THE FLORIDA STATUTES STORM LOSS MITIGATION.

HURRICANE Pad
HIGH WIND ZONE T-CLASS
UP TO 175 MPH

FLORIDA BUILDING CODE NOTICE
This product meets the following building code requirements as calculated by Master Consulting Engineers:
1. Mechanical Volume, Section 304.10 - clearance from grade. This product is made from a minimum 15000 PSI concrete.
2. Pad weight and wind load requirements have been calculated per the Florida Building Code, Chapter 16.
Follow prescribed attachment methods as indicated on the engineering tables. For up to date calculations and documentation, visit our website www.diversitech.com or call 1-800-992-2222.

INSTALLATION INSTRUCTIONS
1. Choose acceptable equipment pad size and fastening method that meets wind load requirements in your area. Go to www.diversitech.com for equipment pad engineering tables.
2. Level the pad on the ground and place equipment on the pad.
3. Secure the equipment to the pad using the fastening methods set forth in the equipment pad tables.

DIVERSITECH
www.diversitech.com
1000 Capital Parkway
Duluth, GA 30097



HT-CLASS TO PAD MODEL#	PAD THICKNESS (in) = 4		
	WEIGHT	WIDTH	LENGTH
HT1840-4	160	18	40
HT2424-4	85	24	24
HT2436-4	120	24	36
HT3030-4	127	30	30
HT3232-4	165	32	32
HT3345-4	215	33	45
HT3636-4	180	36	36
HT3648-4	250	36	48
HT3852-4	265	38	52
HT4040-4	260	40	40
HT4242-4	265	42	42
HT4558-4	350	45	58
ZHT3672*	360	36	72
ZHT4080**	520	40	80
ZHT4872***	500	48	72
ZHT5890****	700	58	90

WIND LOAD CALCS:

Wind Speed V = 180 MPH
 $F = qz * G * Cf * Af$ (Eq. 29.5-2) = 70.65 *Af (lbs)
 $qz = 0.00256 * Kz * Kzt * Kd * V^2 = 63.45$ PSF
 Exposure C ; Table 28.3-1 Kz = 0.85
 Figure 26.8-1 Kzt = 1.00
 Table 26.6-1 Kd = 0.90
 Figure 29.5-1 Cf = 1.31
 G = 0.85

DiversiTech Corporation
3039 Premiere Pkwy - Suite 600
Duluth, GA 30097 (800) 397-4823



SPECIAL PAD CONFIG.

* INDICATES TWO HT3636-4 PADS USED IN A 36" x 72" SHAPE
 ** INDICATES TWO HT4040-4 PADS USED IN A 40" x 80" SHAPE
 *** INDICATES TWO 3648-4 PADS USED IN A 48" x 72" SHAPE
 **** INDICATES TWO 4558-4 PADS USED IN A 58" x 90" SHAPE

ROW #	UNIT / EQUIPMENT MAXIMUM DIMENSIONS INCHES			EQUIPMENT MINIMUM WEIGHT LBS.	HURRICANE HT-CLASS PAD USED				180 MPH		0.6(UNIT+ PAD) WEIGHT LBS.	RESISTING MOMENT FT-LBS.	DESIGN CHECK				
	WIDTH	LENGTH	HEIGHT		MODEL NUMBER	WEIGHT LBS.	PAD WIDTH IN.	PAD LENGTH IN.	PAD THICK IN.	WIND LOAD LBS.			0.6(WIND MOMENT) FT-LBS.	740	OK FOR	180	MPH
57	31.5	44.4	33.0	220	ZHT4080**	520	40	80	4.0	720	739	444	740	OK FOR	180	MPH	
58	31.5	44.4	33.0	514	HT3852-4	265	38	52	4.0	720	739	467	740	OK FOR	180	MPH	
59	31.7	31.7	34.0	145	HT4558-4	350	45	58	4.0	529	556	297	557	OK FOR	180	MPH	
60	31.7	31.7	34.0	321	HT3852-4	265	38	52	4.0	529	556	352	557	OK FOR	180	MPH	
61	31.7	31.7	36.0	199	HT4558-4	350	45	58	4.0	560	617	329	618	OK FOR	180	MPH	
62	31.7	31.7	36.0	385	HT3852-4	265	38	52	4.0	560	617	390	617	OK FOR	180	MPH	
63	31.7	44.4	34.0	261	ZHT4080**	520	40	80	4.0	742	780	468	781	OK FOR	180	MPH	
64	31.7	44.4	34.0	557	HT3852-4	265	38	52	4.0	742	780	493	781	OK FOR	180	MPH	
65	33.0	44.0	32.0	174	ZHT4080**	520	40	80	4.0	693	694	416	694	OK FOR	180	MPH	
66	33.0	44.0	32.0	466	HT3852-4	265	38	52	4.0	693	694	438	694	OK FOR	180	MPH	
67	33.0	44.0	37.0	10	ZHT5890****	700	58	90	4.0	801	902	426	1030	OK FOR	180	MPH	
68	33.0	44.0	37.0	452	HT4558-4	350	45	58	4.0	801	902	481	902	OK FOR	180	MPH	
69	33.0	44.0	39.5	10	ZHT5890****	700	58	90	4.0	855	1016	426	1030	OK FOR	180	MPH	
70	33.0	44.0	39.5	554	HT4558-4	350	45	58	4.0	855	1016	542	1017	OK FOR	180	MPH	
71	35.0	35.0	31.5	17	ZHT4080**	520	40	80	4.0	543	536	322	537	OK FOR	180	MPH	
72	35.0	35.0	31.5	277	HT4040-4	260	40	40	4.0	543	536	322	537	OK FOR	180	MPH	
73	35.0	35.0	33.0	64	ZHT4080**	520	40	80	4.0	568	583	350	584	OK FOR	180	MPH	
74	35.0	35.0	33.0	324	HT4040-4	260	40	40	4.0	568	583	350	584	OK FOR	180	MPH	
75	35.0	35.0	34.0	198	HT4558-4	350	45	58	4.0	586	616	329	616	OK FOR	180	MPH	
76	35.0	35.0	34.0	356	HT4040-4	260	40	40	4.0	586	616	370	616	OK FOR	180	MPH	
77	35.0	35.0	34.5	113	ZHT4080**	520	40	80	4.0	594	632	380	633	OK FOR	180	MPH	
78	35.0	35.0	34.5	373	HT4040-4	260	40	40	4.0	594	632	380	633	OK FOR	180	MPH	
79	35.0	35.0	35.0	129	ZHT4080**	520	40	80	4.0	603	649	390	649	OK FOR	180	MPH	
80	35.0	35.0	35.0	389	HT4040-4	260	40	40	4.0	603	649	390	649	OK FOR	180	MPH	
81	35.0	35.0	35.8	155	ZHT4080**	520	40	80	4.0	616	674	405	675	OK FOR	180	MPH	
82	35.0	35.0	35.8	415	HT4040-4	260	40	40	4.0	616	674	405	675	OK FOR	180	MPH	
83	35.0	35.0	36.0	163	ZHT4080**	520	40	80	4.0	620	683	410	683	OK FOR	180	MPH	
84	35.0	35.0	36.0	423	HT4040-4	260	40	40	4.0	620	683	410	683	OK FOR	180	MPH	

LIMITS & REQUIREMENTS OF USE:

- 1) HT-CLASS HURRICANE PAD - FOR ALL COUNTIES WITH A MAXIMUM WIND SPEED UP TO 180 M.P.H.
- 2) THE PAD AND THE SUPPORTED EQUIPMENT MUST BE LOCATED AT GROUND LEVEL. THIS TABLE DOES NOT APPLY TO ROOFTOP EQUIPMENT, EQUIPMENT LOCATED ON BALCONIES, OR ANY OTHER EQUIPMENT TO BE ELEVATED ABOVE GROUND LEVEL.
- 3) THE AREA UNDER CONCRETE SLAB ON GROUND SHALL HAVE ALL MATERIALS REMOVED PRIOR TO INSTALLATION ON COMPACTED SOIL AS VERIFIED BY OTHERS. MINIMUM SOIL COEFFICIENT OF FRICTION = 0.25
- 4) MAXIMUM DIMENSIONS AND WEIGHT OF UNIT / EQUIPMENT SHALL CONFORM TO SPECIFICATIONS STATED HEREIN. PAD WEIGHT TO BE VERIFIED BY OTHERS.
- 5) ORIGINAL EQUIPMENT MANUFACTURER INSTALLATION INSTRUCTIONS SUPERSEDE HURRICANE PAD INSTALLATION INSTRUCTIONS IF MORE STRINGENT.
- 6) ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
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- 15) PADS ARE CONSTRUCTED WITH PRECAST CONCRETE, MINIMUM COMPRESSIVE STRENGTH, f'c=7,000 PSI AT 28 DAYS.
- 16) THIS ENGINEER SHALL BE GIVEN AN OPPORTUNITY TO RE-EVALUATE THIS WORK UPON DISCOVERY OF INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIAL

ENGINEERING DATA:

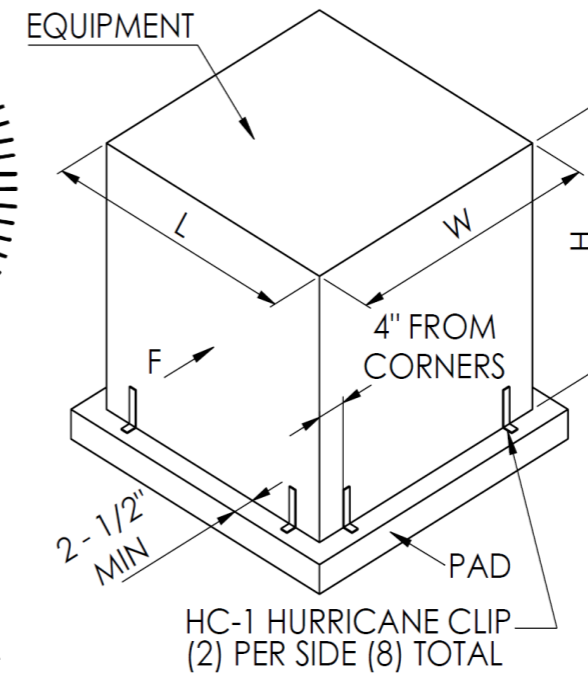
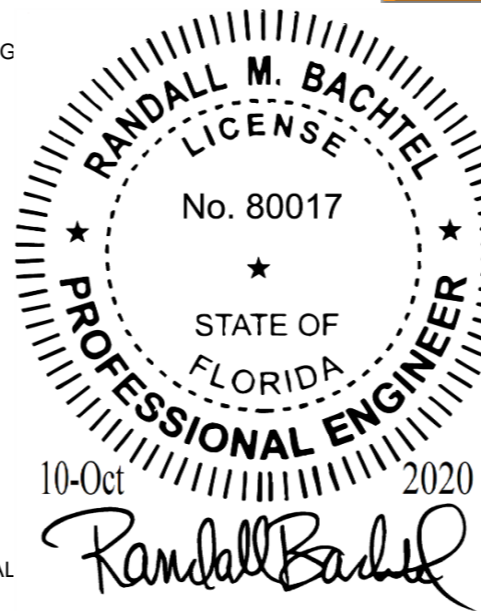
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- 4) ALL EQUIPMENT REQUIRING TWO PADS ARE TO USE (12) TOTAL HC-1 CLIPS, FOUR (4) PER LENGTH AND TWO (2) PER WIDTH.
- 5) RISK CATEGORY = II TABLE 1604.5 - RISK CATEGORY OF BUILDINGS AND OTHER STRUCTURES, SECTION 301.15 OF THE MECHANICAL CODE, WIND RESISTANCE, AND 553.844 OF THE FLORIDA STATUTES STORM LOSS MITIGATION.

HURRICANE Pad™
HIGH WIND ZONE T-CLASS
UP TO **175 MPH**

DIVERSITECH
1600 Capital Parkway
Duluth, GA 30097

FLORIDA BUILDING CODE NOTICE
This product meets the following building code requirements as calculated by Master Consulting Engineers:
1. Mechanical Volume, Section 304.10 - clearance from grade
This product is made from a minimum 15000 PSI concrete.
2. Pad weight and wind load requirements have been calculated per the Florida Building Code, Chapter 16.
Follow prescribed attachment methods as indicated on the engineering tables. For up-to-date calculations and documentation, visit our website www.diversitech.com or call 1-800-992-2222.

INSTALLATION INSTRUCTIONS
1. Choose acceptable equipment pad size and fastening method that meets wind load requirements in your area. Go to www.diversitech.com for equipment pad engineering tables.
2. Level the pad on the ground and place equipment on the pad.
3. Secure the equipment to the pad using the fastening methods set forth in the equipment pad tables.



HT-CLASS TO PAD MODEL#	PAD THICKNESS (in) = 4		
	WEIGHT	WIDTH	LENGTH
HT1840-4	160	18	40
HT2424-4	85	24	24
HT2436-4	120	24	36
HT3030-4	127	30	30
HT3232-4	165	32	32
HT3345-4	215	33	45
HT3636-4	180	36	36
HT3648-4	250	36	48
HT3852-4	265	38	52
HT4040-4	260	40	40
HT4242-4	265	42	42
HT4558-4	350	45	58
ZHT3672*	360	36	72
ZHT4080**	520	40	80
ZHT4872***	500	48	72
ZHT5890****	700	58	90

WIND LOAD CALCS:

Wind Speed V = 180 MPH

F = qz * G * Cf * Af (Eq. 29.5-2) = 70.65 *Af (lbs)

qz = 0.00256 * Kz * Kzt * Kd * V^2 = 63.45 PSF

Exposure C ; Table 28.3-1 Kz = 0.85

Figure 26.8-1 Kzt = 1.00

Table 26.6-1 Kd = 0.90

Figure 29.5-1 Cf = 1.31

G = 0.85

DiversiTech Corporation
3039 Premiere Pkwy - Suite 600
Duluth, GA 30097 (800) 397-4823



SPECIAL PAD CONFIG.

* INDICATES TWO HT3636-4 PADS USED IN A 36" x 72" SHAPE

** INDICATES TWO HT4040-4 PADS USED IN A 40" x 80" SHAPE

*** INDICATES TWO 3648-4 PADS USED IN A 48" x 72" SHAPE

**** INDICATES TWO 4558-4 PADS USED IN A 58" x 90" SHAPE

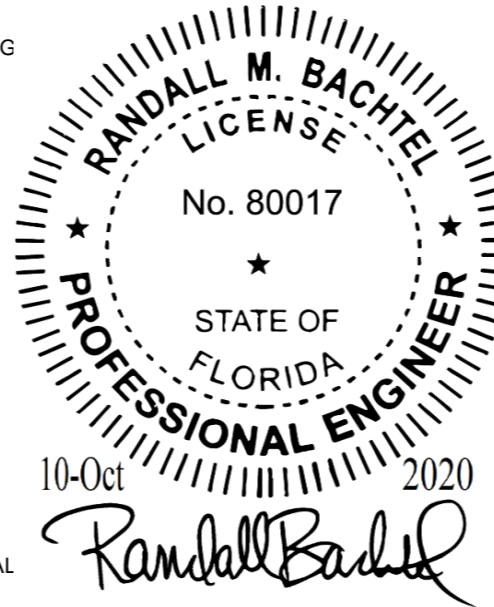
ROW #	UNIT / EQUIPMENT MAXIMUM DIMENSIONS INCHES			EQUIPMENT MINIMUM WEIGHT LBS.	HURRICANE HT-CLASS PAD USED				180 MPH		0.6(UNIT+ PAD) WEIGHT LBS.	RESISTING MOMENT FT-LBS.	DESIGN CHECK				
	WIDTH	LENGTH	HEIGHT		MODEL NUMBER	WEIGHT LBS.	PAD WIDTH IN.	PAD LENGTH IN.	PAD THICK IN.	WIND LOAD LBS.			0.6(WIND MOMENT) FT-LBS.	718	OK FOR	180	MPH
85	35.0	35.0	37.0	198	ZHT4080**	520	40	80	4.0	637	718	431	718	OK FOR	180	MPH	
86	35.0	35.0	37.0	458	HT4040-4	260	40	40	4.0	637	718	431	718	OK FOR	180	MPH	
87	35.0	35.0	37.5	216	ZHT4080**	520	40	80	4.0	646	735	442	736	OK FOR	180	MPH	
88	35.0	35.0	37.5	476	HT4040-4	260	40	40	4.0	646	735	442	736	OK FOR	180	MPH	
89	35.0	35.0	38.0	234	ZHT4080**	520	40	80	4.0	654	753	452	754	OK FOR	180	MPH	
90	35.0	35.0	38.0	494	HT4040-4	260	40	40	4.0	654	753	452	754	OK FOR	180	MPH	
91	35.0	35.0	38.3	243	ZHT4080**	520	40	80	4.0	659	762	458	763	OK FOR	180	MPH	
92	35.0	35.0	38.3	462	HT4242-4	265	42	42	4.0	659	762	436	763	OK FOR	180	MPH	
93	35.0	35.0	38.5	252	ZHT4080**	520	40	80	4.0	663	772	463	772	OK FOR	180	MPH	
94	35.0	35.0	38.5	512	HT4040-4	260	40	40	4.0	663	772	463	772	OK FOR	180	MPH	
95	35.0	35.0	39.0	270	ZHT4080**	520	40	80	4.0	672	790	474	790	OK FOR	180	MPH	
96	35.0	35.0	39.0	488	HT4242-4	265	42	42	4.0	672	790	452	790	OK FOR	180	MPH	
97	35.0	35.0	39.2	275	ZHT4080**	520	40	80	4.0	674	795	477	795	OK FOR	180	MPH	
98	35.0	35.0	39.2	275	ZHT4080**	520	40	80	4.0	674	795	477	795	OK FOR	180	MPH	
99	35.0	35.0	39.2	492	HT4242-4	265	42	42	4.0	674	795	454	795	OK FOR	180	MPH	
100	35.0	35.0	39.2	535	HT4040-4	260	40	40	4.0	674	795	477	795	OK FOR	180	MPH	
101	35.0	35.0	41.0	346	ZHT4080**	520	40	80	4.0	706	866	520	866	OK FOR	180	MPH	
102	35.0	35.0	41.0	346	ZHT4080**	520	40	80	4.0	706	866	520	866	OK FOR	180	MPH	
103	35.0	35.0	41.0	560	HT4242-4	265	42	42	4.0	706	866	495	866	OK FOR	180	MPH	
104	35.0	35.0	41.0	606	HT4040-4	260	40	40	4.0	706	866	520	866	OK FOR	180	MPH	
105	35.0	35.0	42.0	255	ZHT4872***	500	48	72	4.0	723	905	453	905	OK FOR	180	MPH	
106	35.0	35.0	42.0	597	HT4242-4	265	42	42	4.0	723	905	517	905	OK FOR	180	MPH	
107	35.0	35.0	44.0	322	ZHT4872***	500	48	72	4.0	758	986	493	986	OK FOR	180	MPH	
108	35.0	35.0	44.0	674	HT4242-4	265	42	42	4.0	758	986	564	986	OK FOR	180	MPH	
109	35.0	35.0	45.0	10	ZHT5890****	700	58	90	4.0	775	1027	426	1030	OK FOR	180	MPH	
110	35.0	35.0	45.0	508	ZHT4080**	520	40	80	4.0	775	1027	617	1028	OK FOR	180	MPH	
111	35.0	35.0	45.0	768	HT4040-4	260	40	40	4.0	775	1027	617	1028	OK FOR	180	MPH	
112	35.0	35.0	45.9	35	ZHT5890****	700	58	90	4.0	790	1065	441	1065	OK FOR	180	MPH	

LIMITS & REQUIREMENTS OF USE:

- HT-CLASS HURRICANE PAD - FOR ALL COUNTIES WITH A MAXIMUM WIND SPEED UP TO 180 M.P.H.
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- THE AREA UNDER CONCRETE SLAB ON GROUND SHALL HAVE ALL MATERIALS REMOVED PRIOR TO INSTALLATION ON COMPACTED SOIL AS VERIFIED BY OTHERS. MINIMUM SOIL COEFFICIENT OF FRICTION = 0.25
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- ORIGINAL EQUIPMENT MANUFACTURER INSTALLATION INSTRUCTIONS SUPERSEDE HURRICANE PAD INSTALLATION INSTRUCTIONS IF MORE STRINGENT.
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- THIS DOCUMENT IS GENERIC AND DOES NOT PERTAIN TO ANY SPECIFIC PROJECT SITE.
- PADS / UNITS INSTALLED DIRECTLY ON ANY COASTLINE REQUIRE A HEAVIER AND LARGER PAD TO ACCOUNT FOR EXPOSURE D ; Table 28.3-1; Kz = 1.03
- ALL OTHER UNITS NOT SHOWN SHALL BE DESIGNED ON A CASE BY CASE BASIS.
- ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- PADS ARE CONSTRUCTED WITH PRECAST CONCRETE, MINIMUM COMPRESSIVE STRENGTH, f'c=7,000 PSI AT 28 DAYS.
- THIS ENGINEER SHALL BE GIVEN AN OPPORTUNITY TO RE-EVALUATE THIS WORK UPON DISCOVERY OF INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIAL

ENGINEERING DATA:

- ANALYSES PER 7th EDITION (2020) FLORIDA BUILDING CODE - SECTION 1620 HIGH VELOCITY HURRICANE ZONES.
- WIND LOADS & LOAD COMBINATIONS PER ASCE 7-10 SECTION 2.4.1 (LOAD COMBINATIONS), SECTION 29.5 & FIGURE 29.5.1 FOR: WIND LOADS ON OTHER STRUCTURES.
- EQUIPMENT TO BE ANCHORED TO THE PAD USING (8) DIVERSITECH HC-1 CLIPS. CENTER ALL EQUIPMENT ON PADS. ATTACH CLIPS TO EQUIP (22 GAGE METAL MIN) WITH 1/4" BLUE / WHITE OR STAINLESS TAPCON CONCRETE ANCHORS WITH MINIMUM OF 1" EMBEDMENT. MINIMUM TAPCON SPECIFICATION: 700 LB PULLOUT / 900 LB SHEAR.
- ALL EQUIPMENT REQUIRING TWO PADS ARE TO USE (12) TOTAL HC-1 CLIPS, FOUR (4) PER LENGTH AND TWO (2) PER WIDTH.
- RISK CATEGORY = II TABLE 1604.5 - RISK CATEGORY OF BUILDINGS AND OTHER STRUCTURES, SECTION 301.15 OF THE MECHANICAL CODE, WIND RESISTANCE, AND 553.844 OF THE FLORIDA STATUTES STORM LOSS MITIGATION.

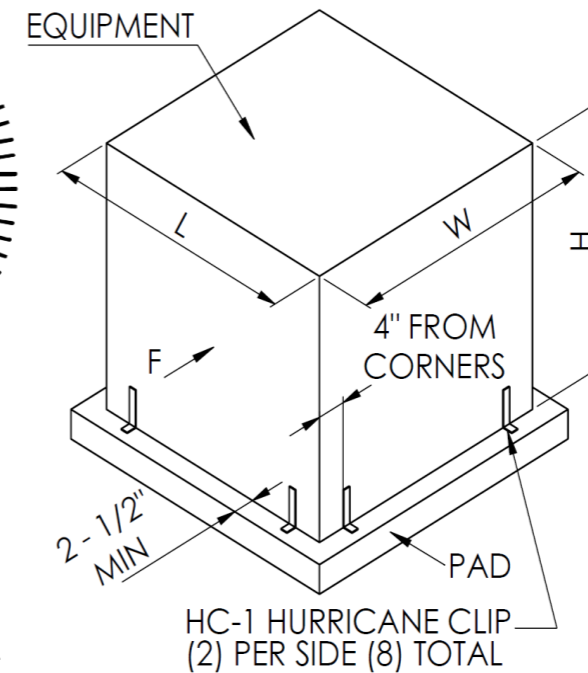


HURRICANE Pad™
HIGH WIND ZONE T-CLASS
UP TO **175 MPH**

FLORIDA BUILDING CODE NOTICE
This product meets the following building code requirements as calculated by Master Consulting Engineers:
1. Mechanical Volume, Section 304.10 - clearance from grade. This product is made from a minimum 12000 PSI concrete.
2. Pad weight and wind load requirements have been calculated per the Florida Building Code, Chapter 16.
Follow prescribed attachment methods as indicated on the engineering tables. For up to date calculations and documentation, visit our website www.diversitech.com or call 1-800-992-2222.

INSTALLATION INSTRUCTIONS
1. Choose acceptable equipment pad size and fastening method that meets wind load requirements in your area. Go to www.diversitech.com for equipment pad engineering tables.
2. Level the pad on the ground and place equipment on the pad.
3. Secure the equipment to the pad using the fastening methods set forth in the equipment pad tables.

DIVERSITECH
www.diversitech.com
1000 Capital Parkway
Duluth, GA 30097



HT-CLASS TO PAD MODEL#	PAD THICKNESS (in) = 4		
	WEIGHT	WIDTH	LENGTH
HT1840-4	160	18	40
HT2424-4	85	24	24
HT2436-4	120	24	36
HT3030-4	127	30	30
HT3232-4	165	32	32
HT3345-4	215	33	45
HT3636-4	180	36	36
HT3648-4	250	36	48
HT3852-4	265	38	52
HT4040-4	260	40	40
HT4242-4	265	42	42
HT4558-4	350	45	58
ZHT3672*	360	36	72
ZHT4080**	520	40	80
ZHT4872***	500	48	72
ZHT5890****	700	58	90

WIND LOAD CALCS:

Wind Speed V = 180 MPH
F = qz * G * Cf * Af (Eq. 29.5-2) = 70.65 *Af (lbs)
qz = 0.00256 * Kz * Kzt * Kd * V^2 = 63.45 PSF
Exposure C ; Table 28.3-1 Kz = 0.85
Figure 26.8-1 Kzt = 1.00
Table 26.6-1 Kd = 0.90
Figure 29.5-1 Cf = 1.31
G = 0.85

DiversiTech Corporation
3039 Premiere Pkwy - Suite 600
Duluth, GA 30097 (800) 397-4823



SPECIAL PAD CONFIG.

* INDICATES TWO HT3636-4 PADS USED IN A 36" x 72" SHAPE
** INDICATES TWO HT4040-4 PADS USED IN A 40" x 80" SHAPE
*** INDICATES TWO 3648-4 PADS USED IN A 48" x 72" SHAPE
**** INDICATES TWO 4558-4 PADS USED IN A 58" x 90" SHAPE

ROW #	UNIT / EQUIPMENT MAXIMUM DIMENSIONS INCHES			EQUIPMENT MINIMUM WEIGHT LBS.	HURRICANE HT-CLASS PAD USED					180 MPH		RESISTING MOMENT FT-LBS.	DESIGN CHECK		
	WIDTH	LENGTH	HEIGHT		MODEL NUMBER	WEIGHT LBS.	PAD WIDTH IN.	PAD LENGTH IN.	PAD THICK IN.	WIND LOAD LBS.	0.6(WIND MOMENT) FT-LBS.		0.6(UNIT+ PAD) WEIGHT LBS.	OK FOR	180 MPH
113	35.0	35.0	45.9	597	HT4558-4	350	45	58	4.0	790	1065	568	1065	OK FOR	180 MPH
114	35.0	49.0	22.2	10	HT4558-4	350	45	58	4.0	535	405	216	406	OK FOR	180 MPH
115	35.0	49.0	30.2	269	HT4558-4	350	45	58	4.0	728	696	372	697	OK FOR	180 MPH
116	35.0	49.0	34.2	226	ZHT4872***	500	48	72	4.0	824	871	436	871	OK FOR	180 MPH
117	35.0	49.0	34.2	424	HT4558-4	350	45	58	4.0	824	871	465	871	OK FOR	180 MPH
118	35.0	63.0	38.2	244	ZHT5890****	700	58	90	4.0	1183	1368	566	1369	OK FOR	180 MPH
119	35.0	70.0	31.0	519	ZHT4080***	520	40	80	4.0	1065	1039	623	1039	OK FOR	180 MPH
120	35.0	70.0	35.0	773	ZHT4080***	520	40	80	4.0	1203	1293	776	1293	OK FOR	180 MPH
121	35.5	37.0	41.0	263	ZHT4872***	500	48	72	4.0	746	915	458	916	OK FOR	180 MPH
122	35.5	37.0	41.0	607	HT4242-4	265	42	42	4.0	746	915	523	916	OK FOR	180 MPH
123	35.5	37.0	43.0	333	ZHT4872***	500	48	72	4.0	783	999	500	999	OK FOR	180 MPH
124	35.5	37.0	43.0	687	HT4242-4	265	42	42	4.0	783	999	571	999	OK FOR	180 MPH
125	35.5	40.0	35.0	118	ZHT4872***	500	48	72	4.0	689	741	371	742	OK FOR	180 MPH
126	35.5	40.0	35.0	309	HT4558-4	350	45	58	4.0	689	741	396	742	OK FOR	180 MPH
127	35.5	40.0	38.0	218	ZHT4872***	500	48	72	4.0	748	861	431	861	OK FOR	180 MPH
128	35.5	40.0	38.0	416	HT4558-4	350	45	58	4.0	748	861	459	861	OK FOR	180 MPH
129	35.5	40.0	40.5	10	ZHT5890****	700	58	90	4.0	797	967	426	1030	OK FOR	180 MPH
130	35.5	40.0	40.5	510	HT4558-4	350	45	58	4.0	797	967	516	968	OK FOR	180 MPH
131	35.5	40.0	42.0	14	ZHT5890****	700	58	90	4.0	826	1034	428	1035	OK FOR	180 MPH
132	35.5	40.0	42.0	570	HT4558-4	350	45	58	4.0	826	1034	552	1034	OK FOR	180 MPH
133	35.5	40.0	44.0	77	ZHT5890****	700	58	90	4.0	866	1126	466	1127	OK FOR	180 MPH
134	35.5	40.0	44.0	652	HT4558-4	350	45	58	4.0	866	1126	601	1127	OK FOR	180 MPH
135	35.5	40.0	45.0	110	ZHT5890****	700	58	90	4.0	885	1174	486	1175	OK FOR	180 MPH
136	35.5	40.0	45.0	694	HT4558-4	350	45	58	4.0	885	1174	626	1175	OK FOR	180 MPH
137	35.5	40.0	46.0	144	ZHT5890****	700	58	90	4.0	905	1223	506	1223	OK FOR	180 MPH
138	35.5	40.0	46.0	737	HT4558-4	350	45	58	4.0	905	1223	652	1223	OK FOR	180 MPH
139	35.5	40.0	47.4	190	ZHT5890****	700	58	90	4.0	931	1289	534	1290	OK FOR	180 MPH
140	35.5	40.0	47.4	796	HT4558-4	350	45	58	4.0	931	1289	688	1290	OK FOR	180 MPH