

Patriot Series

Fiber Reinforced Plastic

Using Fiberglass in a thermoset resin gives the Patriot series a high strength to weight ratio. Thermoset resins, as opposed to thermoplastic resins, do not soften with higher temperatures. Processes are used to incorporate molded in features, such as recessed dishes, stiffening ribs, and stacking feet. Pigments are molded in and/or MIL-SPEC epoxy paint is used for color.

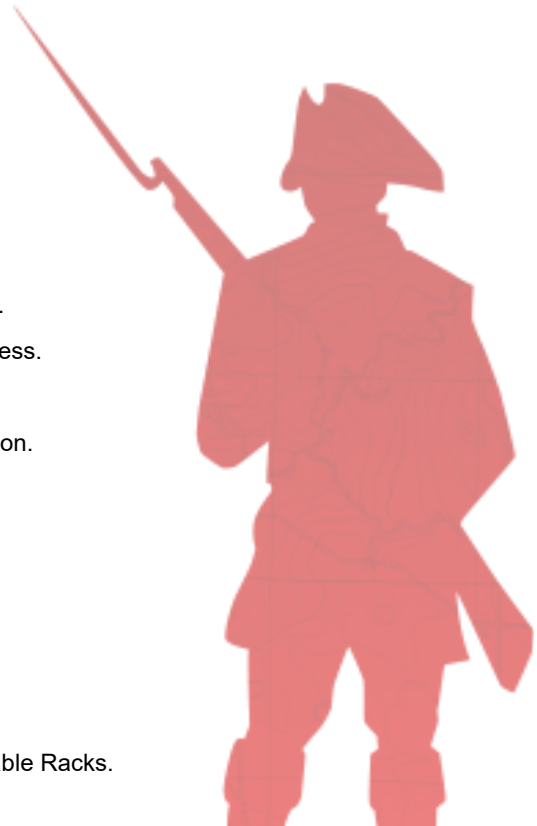


Specifications:

- Fiber Reinforced Plastic Shell Material:
 - E-205 SMC.
 - Impact Strength: 14.0 ft.lb./in.
 - Compressive Strength: 30,000 psi.
- Aluminum Frame Material:
 - Tongue and groove welded aluminum extrusion.
 - Iridite process for protective coating.

Common Customizations:

- Handles: Spring-loaded Zinc or Stainless w/ Recessed Option.
- Latches/Clamps: Butterfly or adjustable-tension, Zinc or Stainless.
- Locking: Hasp and Staple.
- Pressure Relief Valve: Automatic or Manual w/ Recessed Option.
- Humidity Indicator.
- Extrusion: Regular or Flange Tongue and Groove Frame.
- Interior: Custom Flyleaf, Foam Inserts, Mounting Panels.
- Color: Molded-in or Painted.
- Casters: Recessed or Removable.
- Feet: Bumpers, Stacking feet, and/or Steel Corners.
- Racks & Isolation: Rubber or Steel Isolators, Fixed or Removable Racks.
- Lid Stays: Standard locking, Lanyard, and Gas Spring.



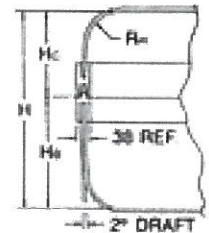
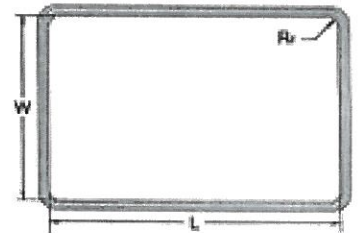
SKYDYNE

A HORNET GROUP, INC. COMPANY

HGI Skydyne • 100 River Road • Port Jervis, NY 12771
 TF: 800.428.2273 • P: 845.858.6400 • Fax: 866.632.0312

STANDARD FIBERGLASS CASES SPECIFICATIONS DIMENSIONS AND WEIGHTS

FRP NUMBER	MODEL	L	W	H	Hb	Hc	Wt	Ha	Cl	Hi
77001001	99360	8.65	8.05	6.23	3.03	3.20	4.1	1	2	S
77002001	92700	13.03	10.53	6.63	3.13	3.50	6.0	1	2	S
77003001	99480	13.03	10.53	9.63	3.13	6.50	6.9	1	2	S
77004001	92600	13.03	10.53	9.63	6.13	3.50	6.9	1	2	S
77005001	92500	13.03	10.53	12.63	6.13	6.50	7.5	1	2	S
77006001	68700	14.62	14.12	6.35	2.99	3.36	8.6	1	2	S
77007001	99490	14.62	14.12	9.76	2.99	6.77	9.4	1	2	S
77008001	68600	14.62	14.12	9.76	6.40	3.36	8.6	1	2	S
77009001	68800	14.62	14.12	13.17	6.40	6.77	10.9	1	2	S
77010001	93100	16.00	6.46	4.31	1.97	2.34	5	1	2	S
77011001	OBSOLETE	-	-	-	-	-	-	-	-	-
77012001	OBSOLETE	-	-	-	-	-	-	-	-	-
77013001	OBSOLETE	-	-	-	-	-	-	-	-	-
77014001	93600	16.32	9.51	3.87	1.75	2.12	5.5	1	2	S
77015001	99510	16.32	9.51	8.17	1.75	6.42	7.0	1	2	S
77016001	93500	16.32	9.51	8.17	6.05	2.12	7.0	1	2	S
77017001	93400	16.32	9.51	12.47	6.05	6.42	7.8	1	2	S
77018001	93300	17.04	13.93	5.63	2.63	3.00	8.7	1	2	S
77019001	92100	17.59	9.22	5.99	2.81	3.18	6.4	1	2	S
77020001	99520	17.59	9.22	8.22	2.81	5.41	7.5	1	2	S
77021001	91200	17.59	9.22	8.22	5.04	3.18	7.5	1	2	S
77022001	69000	17.59	9.22	10.45	5.04	5.41	7.6	1	2	S
77023001	99410	18.28	8.10	9.36	4.49	4.87	8.1	1	2	S
77024001	99570	18.28	8.10	11.17	4.49	6.68	8.6	1	2	S
77025001	99400	18.28	8.10	11.17	6.30	4.87	8.6	1	2	S
77026001	99420	18.28	8.10	12.98	6.30	6.68	9.2	1	2	S
77027001	92400	19.38	14.13	7.19	3.41	3.78	9.6	1	2	S
77028001	99530	19.38	14.13	10.69	3.41	7.28	11.1	1	2	S
77029001	92300	19.38	14.13	10.69	6.91	3.78	11.1	1	2	S
77030001	92200	19.38	14.13	14.19	6.91	7.28	12.1	1	2	S
77031001	99340	19.50	15.50	7.63	3.63	4.00	11.8	1	2	S
77032001	99540	19.50	15.50	12.81	3.63	9.18	14.3	1	2	S
77033001	99330	19.50	15.50	12.81	8.81	4.00	14.3	1	2	S
77034001	93200	16.50	15.50	17.99	8.81	9.18	17.2	1	2	S



KEY

- L = Length
- W = Width
- H = Height
- Hb = Height of base
- Hc = Height of cover
- Wt = Weight
- Ha = Number of handles
- Cl = Number of clamps
- Hi = Type of Hinges
- S = Separable
- * = Clamps only

NOTES

1. All dimensions in inches and represent case interiors.
2. All weights are in pounds
3. Any deviations required from these listed is considered non-standard. Please contact HGI Skydyne for available modifications.

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STANDARD FIBERGLASS CASES SPECIFICATIONS DIMENSIONS AND WEIGHTS

FRP NUMBER	MODEL	L	W	H	Hb	Hc	Wt	Ha	Cl	Hi
77035001	68200	20.00	17.63	6.63	3.13	3.50	11.3	1	2	S
77036001	99370	20.38	19.38	8.63	4.13	4.50	12.9	1	2	S
77037001	92800	20.38	19.38	15.13	10.63	4.50	18.0	2	2	S
77038001	99550	20.38	19.38	15.13	4.13	11.00	18.0	2	2	S
77039001	68900	20.38	19.38	21.63	10.63	11.00	22.50	1	8	*
77040001	99580	21.24	17.24	5.25	2.44	2.81	1.00	1	6	S
77041001	68100	24.78	17.78	7.43	3.53	3.90	14.8	1	2	S
77042001	99450	26.75	14.25	12.37	6.00	6.37	13.00	1	2	S
77043001	99460	26.75	14.25	21.00	6.00	15.00	16.5	2	4	*
77044001	99470	26.75	14.25	21.00	14.63	6.37	16.5	2	4	*
77045001	99440	26.75	14.25	29.63	14.63	15.00	19.70	2	4	*
77046001	92900	26.96	26.96	15.00	7.31	7.69	28.10	4	6	S
77047001	68500	31.03	15.78	6.13	2.88	3.25	16.8	1	2	S
77048001	99560	31.03	15.78	9.50	2.88	6.62	18.50	1	2	S
77049001	68400	31.03	15.78	9.50	6.25	3.25	18.5	1	2	S
77050001	68300	31.03	15.78	12.87	6.25	6.62	20.00	1	2	S
77051001	99430	33.04	18.04	21.38	10.50	10.88	26.7	1	2	S

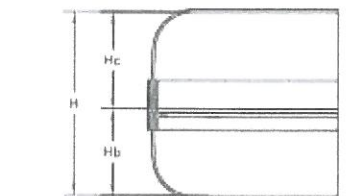
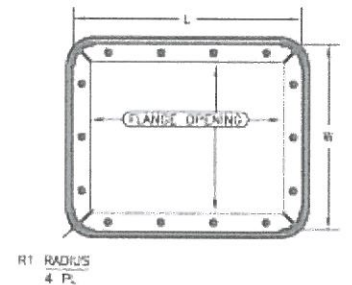
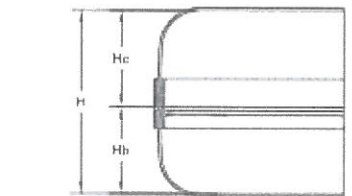
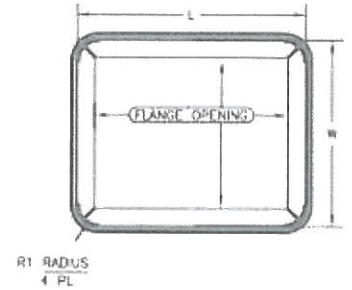
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FLANGED FIBERGLASS CASES SPECIFICATIONS DIMENSIONS AND WEIGHTS

FRP # NO INSERTS	FRP # W/INSERTS	MODEL NO INSERTS	MODEL W/INSERTS	L	W	H	Hb	Hc	Wt	Hp
77301001	77901001	F99360	FI99360	8.65	8.05	6.23	3.03	3.20	4.4	1
77302001	77902001	F92700	FI92700	13.03	10.53	6.63	3.13	3.50	6.7	2
77303001	77903001	F99480	FI99480	13.03	10.53	9.63	3.13	6.50	7.6	2
77304001	77904001	F92600	FI92600	13.03	10.53	9.63	6.13	3.50	7.6	2
77305001	77905001	F92500	FI92500	13.03	10.53	12.63	6.13	6.50	8.2	2
77306001	77906001	F68700	FI68700	14.62	14.12	6.35	2.99	3.36	9.5	3
77307001	77907001	F99490	FI99490	14.62	14.12	9.76	2.99	6.77	10.3	3
77308001	77908001	F68600	FI68600	14.62	14.12	9.76	6.40	3.36	10.3	3
77309001	77909001	F68800	FI68800	14.62	14.12	13.17	6.40	6.77	11.8	3
77310001	77910001	F93100	FI93100	16.00	6.46	4.31	1.97	2.34	5.7	4
77311001	77911001	OBSOLETE	OBSOLETE	-	-	-	-	-	-	-
77312001	77912001	OBSOLETE	OBSOLETE	-	-	-	-	-	-	-
77313001	77913001	OBSOLETE	OBSOLETE	-	-	-	-	-	-	-
77314001	77914001	F93600	FI93600	16.32	9.51	3.87	1.75	2.12	6.4	5
77315001	77915001	F99510	FI99510	16.32	9.51	8.17	1.75	6.42	7.8	5
77316001	77916001	F93500	FI93500	16.32	9.51	8.17	6.05	2.12	7.8	5
77317001	77917001	F93400	FI93400	16.32	9.51	12.47	6.05	6.42	8.6	5
77318001	77918001	F93300	FI93300	17.04	13.93	5.63	2.63	3.00	9.7	18
77319001	77919001	F92100	FI92100	17.59	9.22	5.99	2.81	3.18	7.2	6
77320001	77920001	F99520	FI99520	17.59	9.22	8.22	2.81	5.41	8.3	6
77321001	77921001	F91200	FI91200	17.59	9.22	8.22	5.04	3.18	8.3	6
77322001	77922001	F69000	FI69000	17.59	9.22	10.45	5.04	5.41	8.4	6
77323001	77923001	F99410	FI99410	18.28	8.10	9.36	4.49	4.87	8.9	7
77324001	77924001	F99570	FI99570	18.28	8.10	11.17	4.49	6.68	9.4	7
77325001	77925001	F99400	FI99400	18.28	8.10	11.17	6.30	4.87	9.4	7
77326001	77926001	F99420	FI99420	18.28	8.10	12.98	6.30	6.68	10.0	7
77327001	77927001	F92400	FI92400	19.38	14.13	7.19	3.41	3.78	10.6	8
77328001	77928001	F99530	FI99530	19.38	14.13	10.69	3.41	7.28	12.1	8
77329001	77929001	F92300	FI92300	19.38	14.13	10.69	6.91	3.78	12.1	8
77330001	77930001	F92200	FI92200	19.38	14.13	14.19	6.91	7.28	13.1	8
77331001	77931001	F99340	FI99340	19.50	15.50	7.63	3.63	4.00	12.9	9
77332001	77932001	F99540	FI99540	19.50	15.50	12.81	3.63	9.18	15.3	9



KEY
 Hp = Hole pattern



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FRP # NO INSERTS	FRP # W/INSERTS	MODEL NO INSERTS	MODEL W/INSERTS	L	W	H	Hb	Hc	Wt	Hp
77333001	77933001	F99330	FI99330	19.50	15.50	12.81	8.81	4.00	15.3	9
77334001	77934001	F93200	FI93200	19.50	15.50	17.99	8.81	9.18	18.3	9
77335001	77935001	F68200	FI68200	20.00	17.63	6.63	1.13	3.50	12.5	10
77336001	77936001	F99370	FI99370	20.38	19.38	8.63	4.13	4.50	14.2	11
77337001	77937001	F92800	FI92800	20.38	19.38	15.13	10.63	4.50	19.3	11
77338001	77938001	F99550	FI99550	20.38	19.38	15.13	4.13	11.00	19.3	11
77339001	77939001	F68900	FI68900	20.38	19.38	21.63	10.63	11.00	23.8	11
77340001	77940001	F99580	FI99580	21.24	17.24	5.25	2.44	2.81	12.3	13
77341001	77941001	F68100	FI68100	24.78	17.78	7.43	3.53	3.90	16.1	12
77342001	77942001	F99450	FI99450	26.75	14.25	12.37	6.00	6.37	14.2	17
77343001	77943001	F99460	FI99460	26.75	14.25	21.00	6.00	15.00	17.8	17
77344001	77944001	F99470	FI99470	26.75	14.25	21.00	14.63	6.37	17.8	17
77345001	77945001	F99440	FI99440	26.75	14.25	29.63	14.63	15.00	21.0	17
77346001	77946001	F92900	FI92900	26.96	26.96	15.00	7.31	7.69	29.9	14
77347001	77947001	F68500	FI68500	31.03	15.78	6.13	2.88	3.25	18.3	15
77348001	77948001	F99560	FI99560	31.03	15.78	9.50	2.88	6.62	19.9	15
77349001	77949001	F68400	FI68400	31.03	15.78	9.50	6.25	3.25	19.9	15
77350001	77950001	F68300	FI68300	31.03	15.78	12.87	6.25	6.62	21.4	15
77351001	77951001	F99430	FI99430	33.04	18.04	21.38	10.50	10.88	28.2	16

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FLANGED HOLE PATTERN SPECIFICATIONS DIMENSIONS AND WEIGHTS

HOLE PATTERN NUMBER	A	B	C	D	E	F	G	H	J
1	1.825	-	-	5.825	7.650	2.025	-	5.025	7.050
2	1.515	4.515	7.515	10.515	12.030	1.765	4.765	7.765	9.530
3	1.560	5.060	8.560	12.060	13.620	2.560	6.560	10.560	13.1202
4	1.550	5.500	9.500	13.500	15.000	-	2.730	-	5.460
5	1.660	5.660	9.660	13.660	15.320	1.255	4.255	7.255	8.510
6	1.545	6.045	10.545	15.045	16.590	1.110	4.110	7.110	8.220
7	1.890	6.390	10.890	15.390	17.280	1.550	-	5.550	7.100
8	2.440	6.940	11.440	15.940	18.380	2.065	6.560	11.065	13.130
9	1.750	6.750	11.750	16.750	18.500	2.250	7.250	12.250	14.500
10	2.000	7.000	12.000	17.000	19.000	3.315	8.315	13.315	16.630
11	2.190	7.190	12.190	17.190	19.380	3.190	9.190	15.190	13.380
12	2.890	8.890	14.890	20.890	23.780	3.390	8.390	13.390	16.780
13	2.450	7.495	12.745	17.995	20.240	2.500	8.120	13.740	16.240
14	1.280	9.480	16.480	23.480	25.960	2.980	12.980	22.980	25.960
15	3.015	11.015	19.015	27.015	30.030	2.390	7.390	12.390	14.780
16	2.520	11.520	20.520	29.520	32.040	2.520	8.520	14.520	17.040
17	2.375	9.375	16.375	23.375	25.750	2.125	6.625	11.125	13.250
18	2.020	6.020	10.020	14.020	16.040	1.965	6.465	10.965	12.930

