

## High Lift Bottom Doors

High Lift doors utilize the high spreading forces from two high-aspect ratio wings combined into a single-aspect ratio door resulting in the best of both worlds.

Features:

- Low center of gravity for stability and self righting design.
- Displaced slot increases hydrodynamics spreading power.
- Alloy steel construction for strength.
- Adjustable bail for depth regulation and angle of attack.
- Fine lines to maximize spread and reduce drag.
- Reinforced with doubler plates and stiffeners at all high stress areas.
- Removable hardened steel shoes sections.
- Continuous welds for stronger construction.
- Multiple backstrap settings to vary pitch and angle of attack.



### High Lift Bottom Doors

Door Size	Estimated Range	Weight in Air		Dimensions	
	hp	lbs	kg	ft	mm
1.5m <sup>2</sup>	150-200	580	263	4' 1" x 4' 1"	1240mm x 1244mm
2.0m <sup>2</sup>	200	680	309	4' 7" x 4' 8"	1410mm x 1420mm
2.5m <sup>2</sup>	250-350	935	425	5' 2" x 5' 2"	1570mm x 1570mm
3.0m <sup>2</sup>	300-400	1160	527	5' 8" x 5' 8"	1740mm x 1740mm
3.5m <sup>2</sup>	350-550	1400	636	6' 2" x 6' 2"	1880mm x 1880mm
4.0m <sup>2</sup>	500-650	1700	773	6' 6" x 6' 6"	1990mm x 2000mm
4.5m <sup>2</sup>	550-700	2250	1023	7' x 7'	2130mm x 2130mm
5.0m <sup>2</sup>	600-900	2830	1286	7' 4" x 7' 5"	2240mm x 2260mm
5.5m <sup>2</sup>	850-1200	3170	1441	7' 8" x 7' 9"	2350mm x 2370mm
6.0m <sup>2</sup>	1100-1500	3400	1545	7' 11" x 8'	2410mm x 2440mm
6.5m <sup>2</sup>	1400-1800	3700	1682	8' 4" x 8' 4"	2540mm x 2540mm
7.0m <sup>2</sup>	1800-2100	4200	1909	8' 8" x 8' 8"	2640mm x 2640mm
7.5m <sup>2</sup>	1900-2200	4500	2045	9' x 9'	2740mm x 2740mm
8.0m <sup>2</sup>	2200-2600	4975	2261	9' 4" x 9' 4"	2840mm x 2840mm
8.5m <sup>2</sup>	2400-3000	5270	2395	9' 7" x 9' 7"	2920mm x 2920mm
9.0m <sup>2</sup>	3000-4000	6313	2869	9' 10" x 9' 11"	2990mm x 3020mm
9.5m	4000+	6615	3006	10' 2" x 10' 21"	3109mm x 3116mm

\* Larger doors are available upon request