

## STANDARD HEIGHTS

102mm ALTAIR™ LOUVRE				130mm LOUVRE				152mm ALTAIR™ LOUVRE					
GALLERIES ONLY		48mm FRAME	101mm FRAME	GALLERIES ONLY		48mm FRAME	101mm FRAME	GALLERIES ONLY		48mm FRAME	101mm FRAME		
Blades	mm	mm	mm	Blades	mm	mm	mm	Blades	mm	mm	mm		
3	310	336	361	2	261	287	312	2	320	346	371		
4	400	426	451	3	378	404	429	3	460	486	511		
5	490	516	541	4	496	522	547	4	600	626	651		
6	580	606	631	5	613	639	664	5	740	766	791		
7	670	696	721	6	731	757	782	6	880	906	931		
8	760	786	811	7	848	874	899	7	1020	1046	1071		
9	850	876	901	8	966	992	1017	8	1160	1186	1211		
10	940	966	991	9	1083	1109	1134	9	1300	1326	1351		
11	1030	1056	1081	10	1201	1227	1252	10	1440	1466	1491		
12	1120	1146	1171	11	1318	1344	1369	11	1580	1606	1631		
13	1210	1236	1261	12	1435	1461	1486	12	1720	1746	1771		
14	1300	1326	1351	13	1553	1579	1604	13	1860	1886	1911		
15	1390	1416	1441	14	1671	1697	1722	14	2000	2026	2051		
16	1480	1506	1531	15	1788	1814	1839	15	2140	2166	2191		
17	1570	1596	1621	16	1905	1931	1956	16	2280	2306	2331		
18	1660	1686	1711	17	2023	2049	2074	17	2420	2446	2471		
19	1750	1776	1801	18	2141	2167	2192	18	2560	2586	2611		
20	1840	1866	1891	19	2258	2284	2309	19	2700	2726	2751		
21	1930	1956	1981	20	2375	2401	2426	20	2840	2866	2891		
22	2020	2046	2071	21	2493	2519	2544	21	2980	3006	3031		
23	2110	2136	2161	22	2611	2637	2662	22	3120	3146	3171		
24	2200	2226	2251	23	2728	2754	2779	MINIMUM 152mm BLADE EXTENSION IS 70mm					
25	2290	2316	2341	24	2845	2871	2896						
26	2380	2406	2431	25	2963	2989	3014						
27	2470	2496	2521	26	3081	3107	3132						
28	2560	2586	2611	MAXIMUM BLADE WIDTHS (mm)				MAXIMUM BLADE WIDTHS (mm)					
29	2650	2676	2701	WIND LOAD	GLASS		TIMBER	ALUM	WIND LOAD	GLASS		TIMBER	ALUM
30	2740	2766	2791		FLOAT	TOUGH				FLOAT	TOUGH		
31	2830	2856	2881	1000 Pa	865	900	840	1230	1000 Pa	865	900	900	1000
32	2920	2946	2971	1500 Pa	750	900	840	1153	1500 Pa	750	900	900	875
33	3010	3036	3061	2200 Pa	600	870	810	1010	2200 Pa	600	870	867	750

MINIMUM 102mm BLADE EXTENSION IS 46mm

### MAXIMUM BLADE WIDTHS (mm)

WIND LOAD	GLASS		TIMBER	ALUM
	FLOAT	TOUGH		
1000 Pa	865	900	750	900
1500 Pa	750	900	750	850
2200 Pa	600	870	722	750

### Note:

- All dimensions are stated in millimetres and refer to single bay units
- When ordering, always state the height dimension first and the outer frame dimensions (excluding the fixing fin)
- When ordering, nominate width of clip (either 102, 130 or 152mm) and frame width (either 48 or 101mm)
- Wind loads stated above are Serviceable pressures
- Black hardware and clips are supplied as standard unless requested otherwise
- The maximum blade widths may vary depending on the water penetration requirements. Check with your G.James representative to confirm
- Available upon request (additional charges apply):
  - Timber reveals: finger joint pine (FJP), primed FJP, clear pine, meranti and LOSP treated types are available. When ordering nominate reveal type and width required.
  - Tinted glass blades
- Altair is a trademark of Breezway Australia