



Standard Size Range

102mm ALTAIR® LOUVRE				130mm ALTAIR® 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	270	296	321	2	320	346	371
4	400	426	451	3	388	414	439	3	460	486	511
5	490	516	541	4	506	532	557	4	600	626	651
6	580	606	631	5	624	650	675	5	740	766	791
7	670	696	721	6	742	768	793	6	880	906	931
8	760	786	811	7	860	886	911	7	1020	1046	1071
9	850	876	901	8	978	1004	1029	8	1160	1186	1211
10	940	966	991	9	1096	1122	1147	9	1300	1326	1351
11	1030	1056	1081	10	1214	1240	1265	10	1440	1466	1491
12	1120	1146	1171	11	1332	1358	1383	11	1580	1606	1631
13	1210	1236	1261	12	1450	1476	1501	12	1720	1746	1771
14	1300	1326	1351	13	1568	1594	1619	13	1860	1886	1911
15	1390	1416	1441	14	1686	1712	1737	14	2000	2026	2051
16	1480	1506	1531	15	1804	1830	1855	15	2140	2166	2191
17	1570	1596	1621	16	1922	1948	1973	16	2280	2306	2331
18	1660	1686	1711	17	2040	2066	2091	17	2420	2446	2471
19	1750	1776	1801	18	2158	2184	2209	18	2560	2586	2611
20	1840	1866	1891	19	2276	2302	2327	19	2700	2726	2751
21	1930	1956	1981	20	2394	2420	2445	20	2840	2866	2891
22	2020	2046	2071	21	2512	2538	2563	21	2980	3006	3031
23	2110	2136	2161	22	2630	2656	2681	22	3120	3146	3171
24	2200	2226	2251	23	2748	2774	2799				
25	2290	2316	2341	24	2866	2892	2917				
26	2380	2406	2431								
27	2470	2496	2521								
28	2560	2586	2611								
29	2650	2676	2701								
30	2740	2766	2791								
31	2830	2856	2881								
32	2920	2946	2971								

Maximum Frame Width (mm) / General Pressures / 101mm Frame

Wind Rating - General	SLS / ULS Pressures	6mm Toughened Glass Blades	6mm Annealed / 6.38mm Laminated Glass Blades	Aluminium Blades
N1 - N3	600 / 1400 Pa	1050mm	930mm	1050mm
N4	800 / 2000 Pa	1050mm	780mm	
N5	1200 / 3000 Pa	1050mm	630mm	
C1	600 / 1800 Pa	1050mm	820mm	
C2	800 / 2700 Pa	1050mm	670mm	
C3	1200 / 4000 Pa	900mm	550mm	

Notes:

- Applies to 102, 130 & 152mm blades
- Maximum widths are calculated in accordance with AS 1288 (for windloads)
- Water performance requirements may reduce gallery height (ie. number of blades high) and maximum blade width
- Consult your G.James representative for external corner pressure zones as classified under AS 4055.

Product Specific Notes:

- When ordering, nominate width of clip (either 102, 130 or 152mm) and frame width (either 48 or 101mm).
- Frame option dependent on water penetration requirements
- Altair 'Standard' handle supplied as standard. Low profile, keyed and ring pull handles available on request (additional charge applies).

- All dimensions refer to single bay units.
- Black handle(s) and clips supplied as standard. White & grey handle and clips available on request (additional charge applies).
- Consult your G.James representative regarding non-standard heights and maximum widths for other wind classes and external corner pressure zones.