

ELLIPTICAL LOUVRE FIN CANTILEVER DISTANCES

Table 4 – Johnson & Couzins Maximum Louvre Cantilever Distances – Elliptical Louvre

Elliptical Louvre Fin Size	Medium wind zone (37 m/s)	High wind zones (44 m/s)	Very High wind zone (50 m/s)
150mm Elliptical	1.1 m	1.0 m	1.0 m
180mm Elliptical	1.1 m	1.0 m	1.0 m
300mm Elliptical	1.5 m	1.3 m	1.2 m

Notes:

1. The site wind speed is to be verified by others.
2. Includes allowance to resist up to 2.0 kPa open ground snow load.
3. A maximum louvre fin deflection of 7.5mm has been used. Specific Engineering Design is required for louvres which will be located within areas sensitive to deflections.
4. All spans shown above are maximum values.
5. All wind speeds shown above are maximum values.
6. The fixing of the louvre support channel to the structure is to be verified by others.