

## AIRPAK WL50 & WL100 Face Drainable Weather Louvre Specification

The AIRPAK WL50 & WL100 face drainable weather louvres are of an extruded aluminium design with integral flanges and low pressure drop characteristics. The blades feature an integral gutter that drains the water hitting each blade and discharges it at the bottom of the louvre through vertical down pipes located at either side of the louvre. This eliminates water cascading down the face of the louvre, and thus minimizes water carryover into the plantroom.

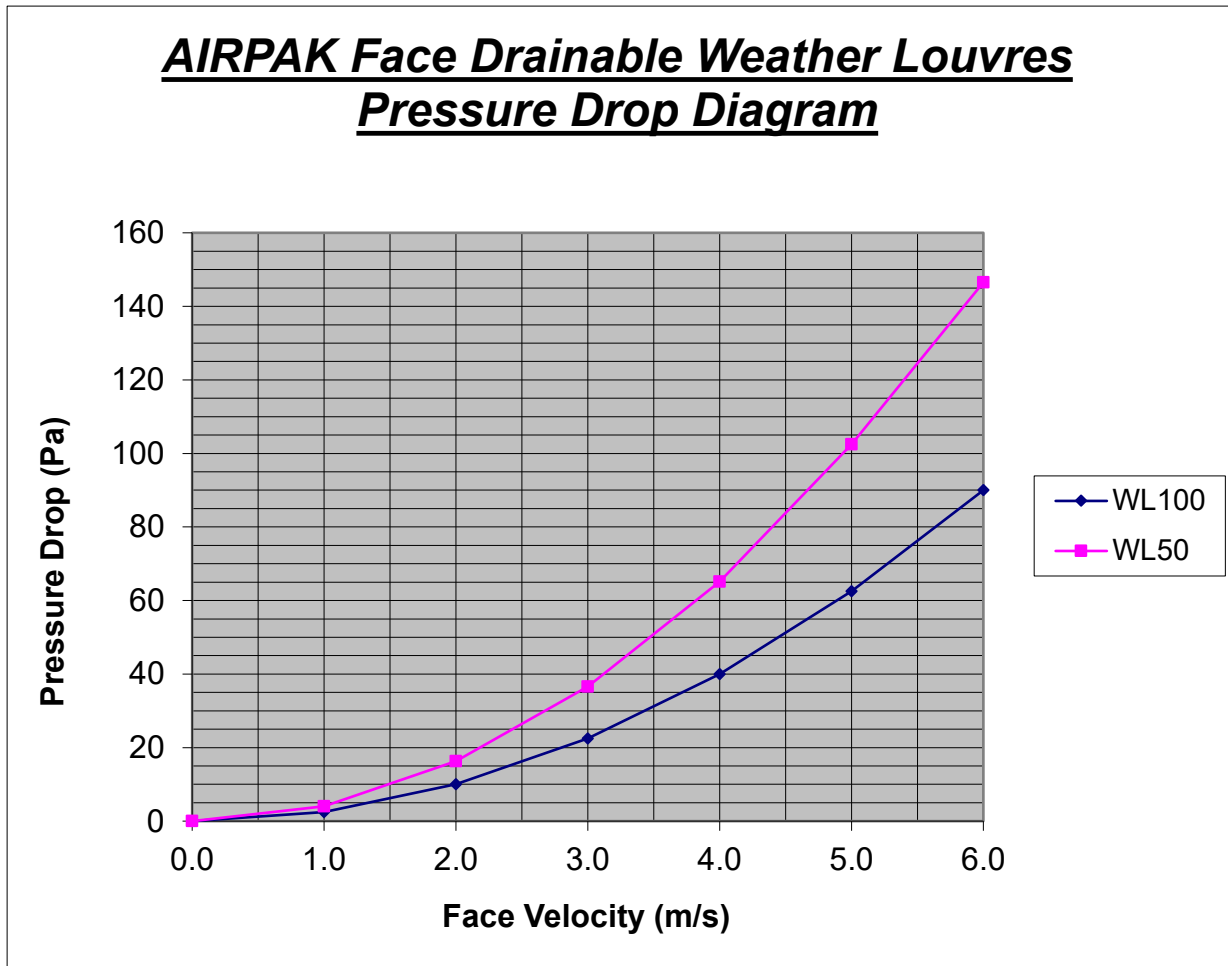


Standard dimensions are as follows:

Sizing	WL50	WL100
Height Increments	50mm	100mm
Minimum Height	200mm	350mm
Maximum Size	1050H x 2000W	3050H x 3000W
Depth	48mm	80mm

*Note: Louvres above 1000mm in width will have internal and external mullions to reinforce the blade.*

The WL50 & WL100 louvres have been an independently laboratory tested for water leakage and pressure drop performance. The pressure drop characteristics are as per graph. Please note that the face velocity is calculated on the corrected face area, not the actual face area.



Corrected face area, to take account of blade geometry, is calculated as follows:

WL50 Corrected Face Area =  $[(H-10) \times 0.0370 / 50 + 0.009] \times [(W-30)/1000]$

WL100 Corrected Face Area =  $[(H-20) \times 0.0692 / 100 + 0.009] \times [(W-30)/1000]$