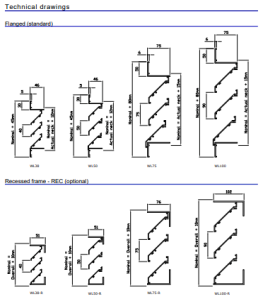
WL

- HVC
- External Louvre
- Flanged/Recessed
- Aluminium
- Anodised aluminium





External Louvre type WL

Brand
- HVC

Application
- External mounted louvres to provide to use with intake or extract ventilation.

Material
- Extruded aluminium frame and blades, BZP or aluminium fixings

Colour
- **Standard:** Mill finish aluminium.
- **Optional:** Polyester powder coated to any RAL or BS colour

Composition
Standard weather louvres are available in the following series:
- **WL38:** 40mm blade pitch (for units up to 1m x 1m nominal size)
- **WL50:** 50mm blade pitch (recommended for units up to 2m^2)
- **WL75:** 75mm blade pitch (recommended above 2m^2)
- **WL100:** 90mm blade pitch (by request only**Free area:** 50%.
- **Mass/m2:** WL38 and WL50 - 12 kg, WL75 - 15 kg, WL100 - 16 kg.

Mounting
- Flanged or Recessed Mounted.

Accessories
- Plenum Boxes-**SEPB**, Volume Control Dampers.

Order example
1x 300x300 WL38 BM M

1) Quantity
2) Size (mm) (Width x height)
3) Series

- WL38 38mm pitch weather louvre
- WL50 50mm pitch weather louvre
- WL75 75mm pitch weather louvre
- WL100 100mm pitch weather louvre

4) Frame design
- . (nothing) Flanged
- REC Recessed frame
- REV Reversed frame

5) Debris screens
- BM Bird mesh (12mm x 12mm mesh)
- IM Insect mesh

6) Fixings
- FH Pre-punched face fixing holes
- RFL Rear mounted fixing lugs
- GZ Glazing bar. State depth required.

7) Flanges
- 30FW WL38 and WL50: 30mm flat flange (standard)
- 25F 25mm flat flange (optional)
- 50FS 50mm flat flange - shallow (optional)
- 3" x 2" x 1/8" 3" (76.2mm) flat flange (optional)
- 4" x 2" x 1/8" 4" (101.6mm) flat flange (optional)
- 50FD WL75 and WL100: 50mm flat flange - deep (standard)
- 3" x 3" x 1/8" 3" (76.2mm) flat flange (optional)
- 4" x 4" x 1/8" 4" (101.6mm) flat flange (optional)

8) Additional options
- DC Face mounted drip cill (not available with WL38)
- DT Rear mounted drip tray (required for Class C performance with WL75)

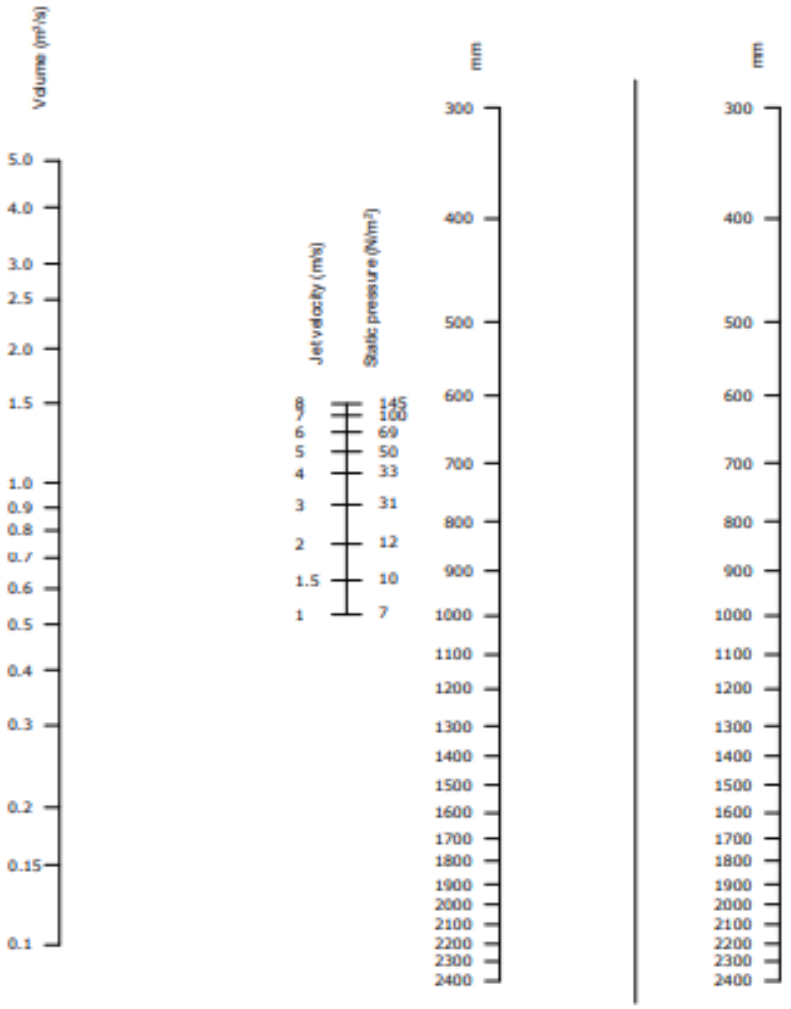
9) Finish
- M Mill aluminium (standard)
- S Satin anodised - AA5 (only available with WL38)
- R... Polyester powder coated to RAL...
- B... Polyester powder coated to BS...

10) Sections
- _S Number of sections required. If left blank this will be confirmed on order acknowledgement

11) Burglar/security bars
- BB Burglar bars required

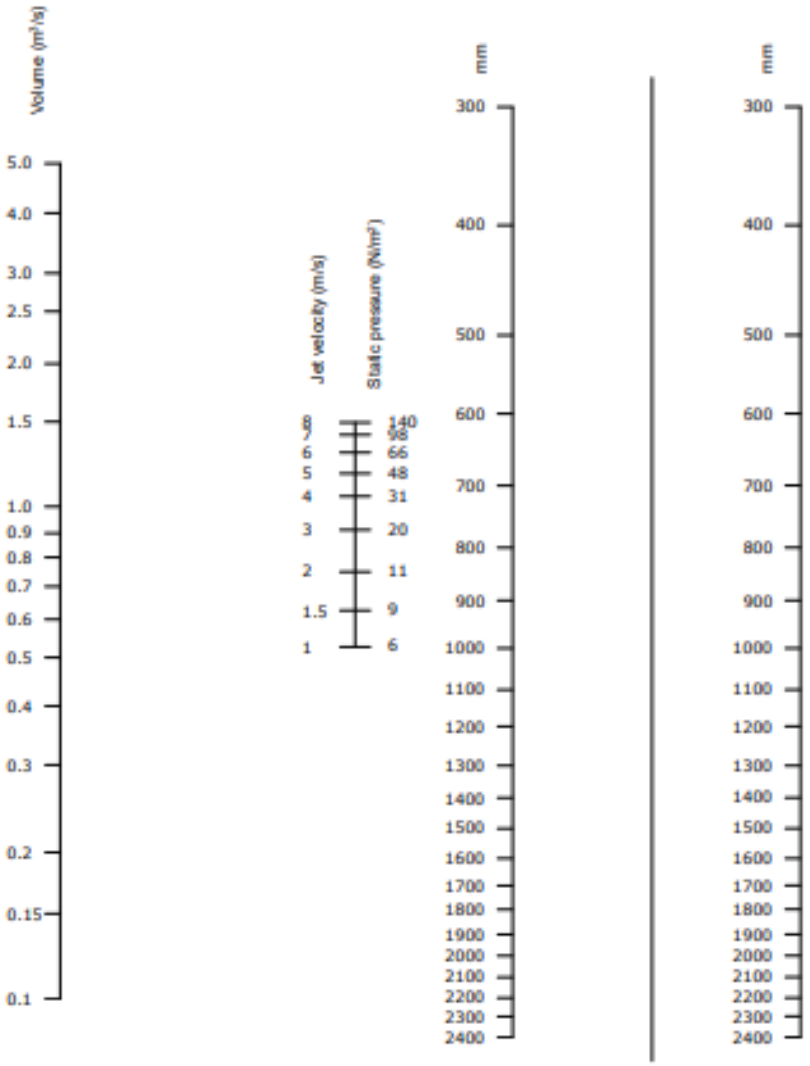
External Louvres

Selection data: WL38 and WL50



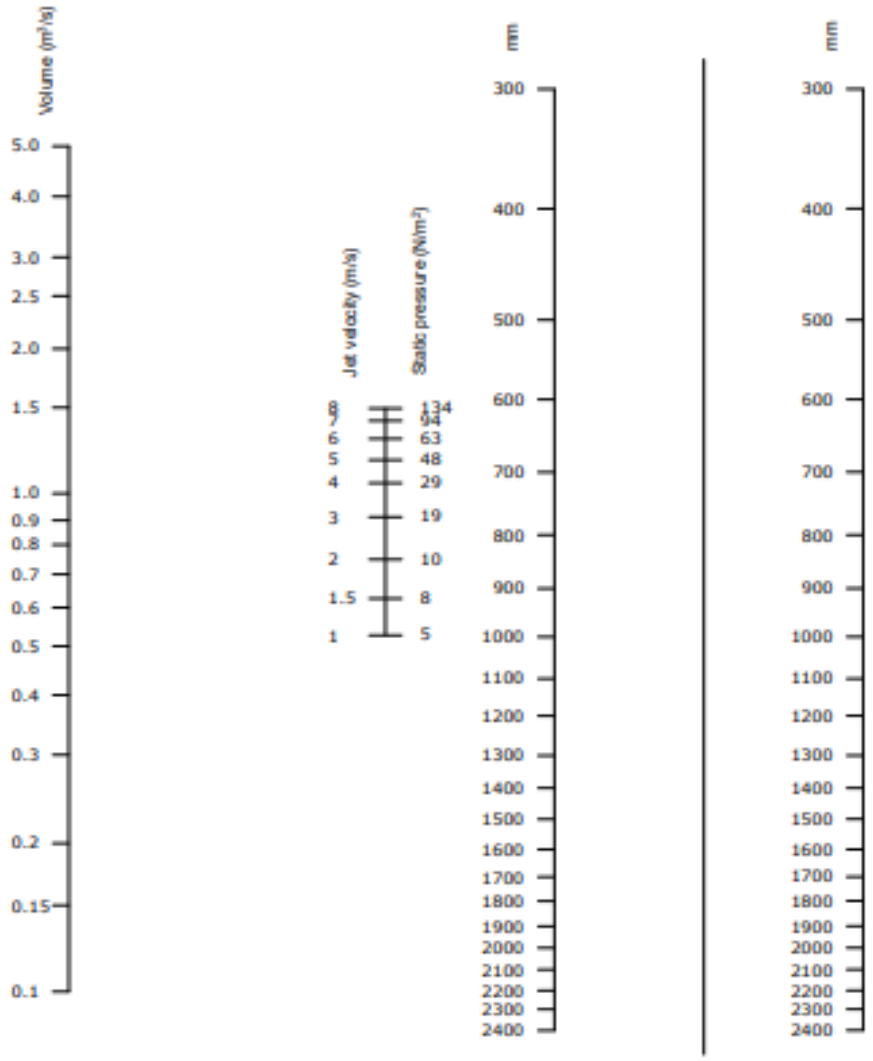
External Louvres

Selection data: WL75



External Louvres

Selection data: WL100



External Louvres

HVC

Series WL
Standard weather louvres

Feature: Series HPL80 ultra high performance weather louvres

Should high performance rain rejection be required for your application, the new HPL80 may be more suitable than a Series WL standard weather louvre.

The new HPL80 louvre is an extremely high performance weather louvre, intended for installations demanding unimpeded ventilation, without the risk of water ingress.

Through its use of the new 'Air-Bypass' blade design (UK patent application pending), never-before-seen levels of performance for a horizontally bladed weather louvre are achieved when tested against BS EN 13030:2001, the most widely used weather louvre test standard in Europe:

HPL80 with insect mesh: Class A2 up to 4.0 m/s

HPL80 with bird mesh: Class A2 up to 2.5 m/s

For more details on the HPL80, please search for the HPL80 on our website.

