



**COMPLETE AIR
SUPPLIES LTD.**

WL-Combi

Standard Weather Louvre

- Ready made units combining a standard weather louver with either a volume control damper or back-draught (non-return) damper
- Factory assembled for reduced installation time on site
- Full range of options including polyester powder coating of louvres and motorisation of dampers



Series WL-combi combination units are a ready made unit, comprising two essential components of any ventilation system.

A standard weather louvre and either volume control damper or back-draught shutter are supplied factory assembled with a galvanised steel black powder coated backbox providing the connection point between the two.

This pre-assembled approach yields reduced installation time on site, along with the knowledge that the component products will have been designed to suit each other, avoiding any issues of product compatibility.

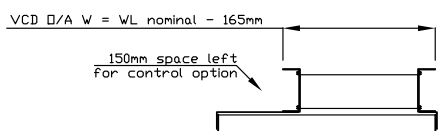
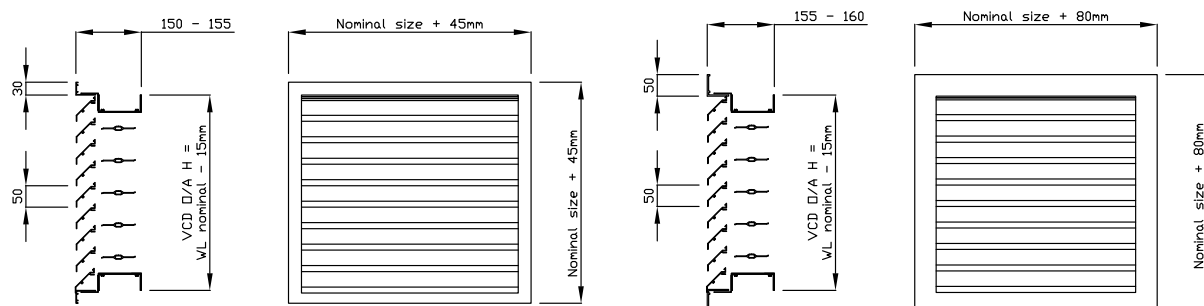
Series WL50 or WL75 standard weather louvres are suitable for integrating into combination units, and the following damper series can be used:

- Series LF uPVC-VCD: High performance plastic volume control
- Series CAS-VCD: Aluminium volume control
- Series BDS: Back-draught (non-return)

The majority of options available for each stand-alone product can also be specified with a combination unit, please refer to the required product's specific PDF for the full list of options available.

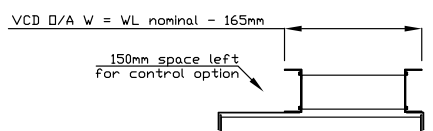
Technical drawings

Series WL c/w Series CAS-VCD aluminium volume control damper



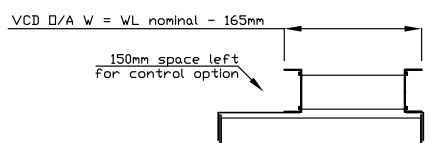
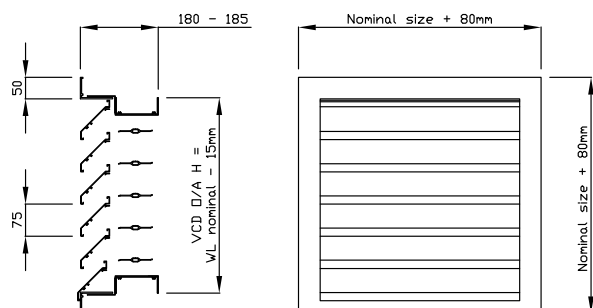
WL50 - 30FW c/w CAS-VCD

50mm pitch louvre with 30mm flat frame complete with aluminium volume control damper



WL50 - 50FS c/w CAS-VCD

50mm pitch louvre with 50mm flat frame complete with aluminium volume control damper



WL75 - 50FD c/w CAS-VCD

75mm pitch louvre with 50mm flat frame complete with aluminium volume control damper

Duct connection:

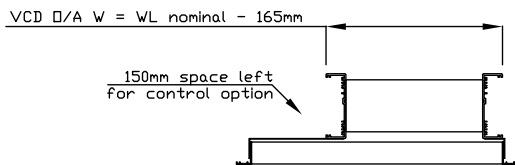
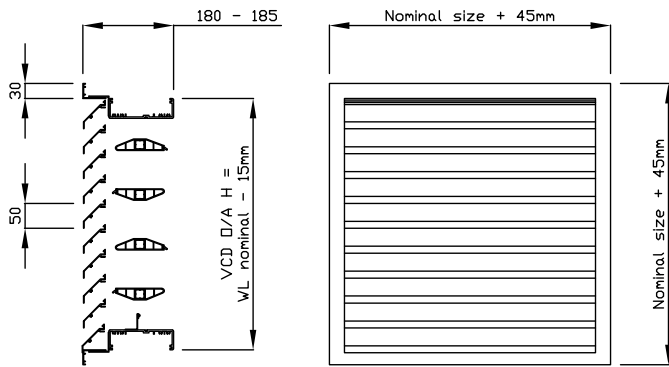
As standard dampers are supplied in a Model A configuration (square flanged).

If required the non-louvre side of the damper can be supplied with a square, circular or flat oval spigot



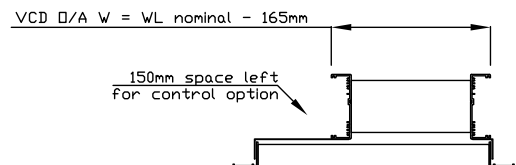
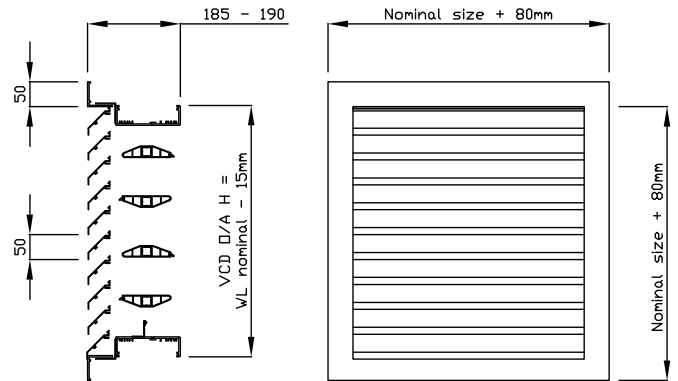
Technical drawings

Series WL c/w Series LF uPVC-VCD high performance plastic volume control damper



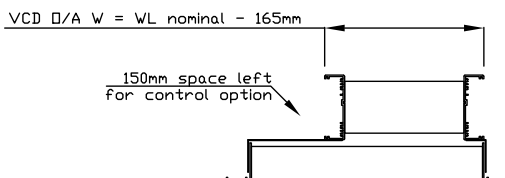
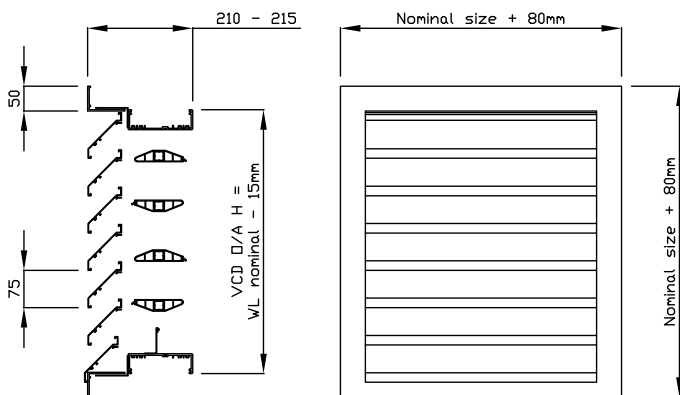
WL50 - 30FW c/w LF uPVC-VCD

50mm pitch louvre with 30mm flat frame
complete with high performance plastic volume
control damper



WL50 - 50FS c/w LF uPVC-VCD

50mm pitch louvre with 50mm flat frame
complete with high performance plastic volume
control damper



WL75 - 50FD c/w LF uPVC-VCD

75mm pitch louvre with 50mm flat frame
complete with high performance plastic volume
control damper

Duct connection:

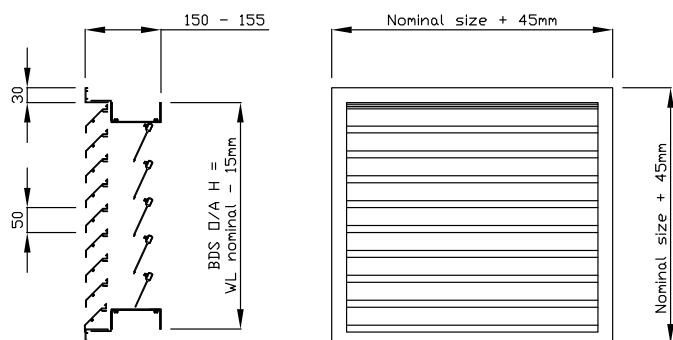
As standard dampers are supplied in a Model A configuration (square flanged).

If required the non-louvre side of the damper can be supplied with a square, circular or flat oval spigot.

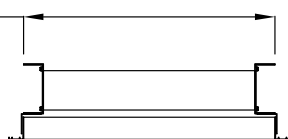


Technical drawings

Series WL c/w Series BDS back-draught (non-return) damper

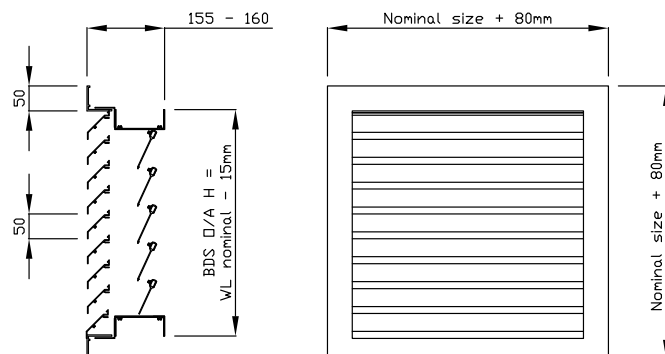


BDS D/A W = WL nominal - 15mm

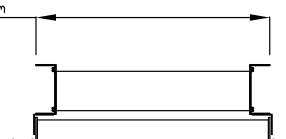


WL50 - 30FW c/w BDS (EX)

50mm pitch louvre with 30mm flat frame
complete with back-draught shutter



BDS D/A W = WL nominal - 15mm



WL50 - 50FS c/w BDS (EX)

50mm pitch louvre with 50mm flat frame
complete with back-draught shutter

Important note:

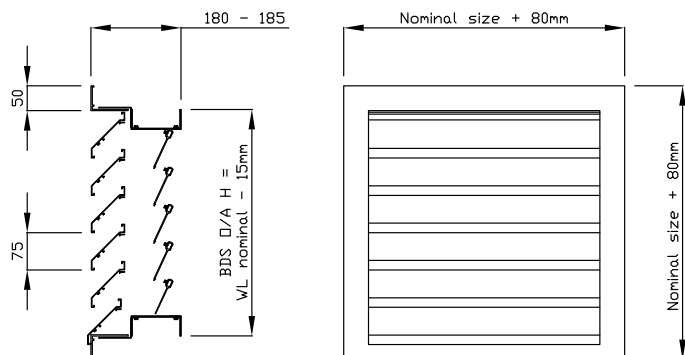
Drawings on this page show units in extract setup, that being air is permitted to flow out of the louvre from inside the building - Ordering code suffix (EXT)

If units are required to permit air to flow into the louvre from outside the building, units are required in intake setup - Ordering code suffix (INT)

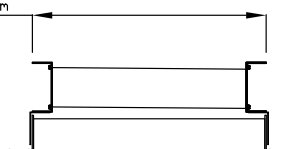
Duct connection:

As standard dampers are supplied in a Model A configuration (square flanged).

If required the non-louvre side of the damper can be supplied with a square, circular or flat oval spigot.



BDS D/A W = WL nominal - 15mm



WL75 - 50FD c/w BDS (EX)

75mm pitch louvre with 50mm flat frame
complete with back-draught shutter



Fixings

None (Standard)

Most weather louvres are supplied with no fixings.

In this instance we recommend drilling through the louvre flange and screwing directly into the supporting structure with an appropriate fixing.

Further options

Burglar bars - Ordering code BB

A wall mounted aluminium weather louvre can be a security risk, potentially providing an un-alarmed entry point to a building for any determined would be intruder.

Providing an extremely robust barrier to entry, burglar bars can be fitted to mitigate this risk.

Designed to be fitted directly behind a louvre, burglar bars are constructed with a 1.2mm thick galvanised steel outer frame and a grid of 10mm fully welded steel bars, leaving spaces of not more than 150mm square.

Frames are supplied undrilled to accept whatever fixings are required on site.

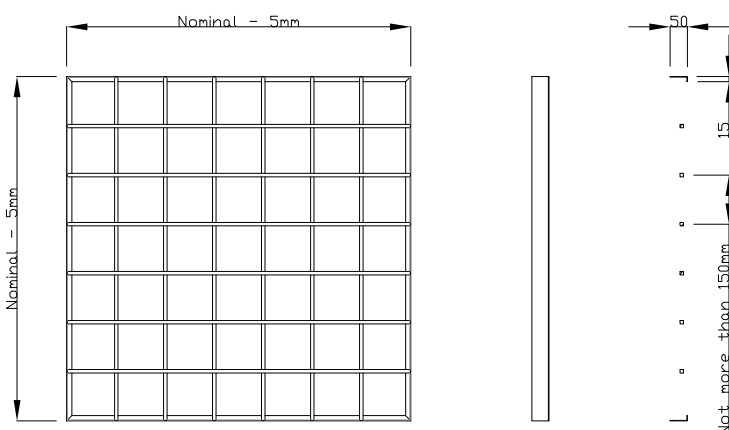
Supplied in a powder coated black finish as standard.

Pre-punched face fixing holes - Ordering code FH

5.7mm countersunk fixing holes will be punched into the louvre frame before powder coating, allowing quick and easy fitting on site.

Number and layout of fixing holes will be appropriate to louvre size. Arrangements can be specified.

Supplied with pozidrive self tapping screws in the same finish as the louvre.



NOTES





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