

Natural Air Ventilators

Metal louvre / damper combination

- Standard drainable or storm louvre
- Single blade aluminium, insulated, acoustic or plastic blade damper options
- Controlled ventilation
- Fresh air intake or extract
- Passive night cooling
- Link to BMS
- Fit to structure or window systems



Natural air ventilator

Acoustic damper - NAV WA

Insulated damper - NAV WI



50, 75, 100 or SLH-S series louvre with integral insulated damper incorporating blade and side seals

(75 series louvre shown)

Specification

Materials

Louvre and damper frame extruded aluminium grade ENAW 6063T6 to BSEN 755.

Frame construction

Screw joints as standard.

Finishes

Extruded aluminium (mill finish).
Polyester powder coated to BS 6496.
Anodised to BS3987.

Bird wire guard

Fitted as standard, 18g expanded aluminium.

Insect screen

If specified, 23g expanded aluminium.

Free area

The face core area provides approximately 47% free area.

Grilles

Internal grilles from our Air Diffusion brand are available where required.

Actuators

Dampers are fitted with:

- 24V AC 10 Nm actuator with modulating action or simply drive open and drive close.
- 24V AC/DC 7 Nm failsafe spring open or close actuator with modulating action or simply spring open and drive close (or vice-versa)

Insulated dampers

The dampers are available with either an acoustic or a thermal insulation material.

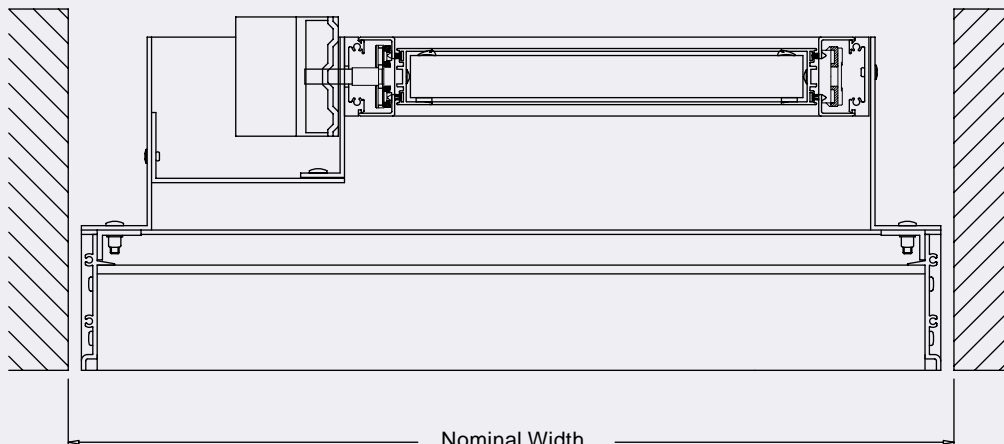
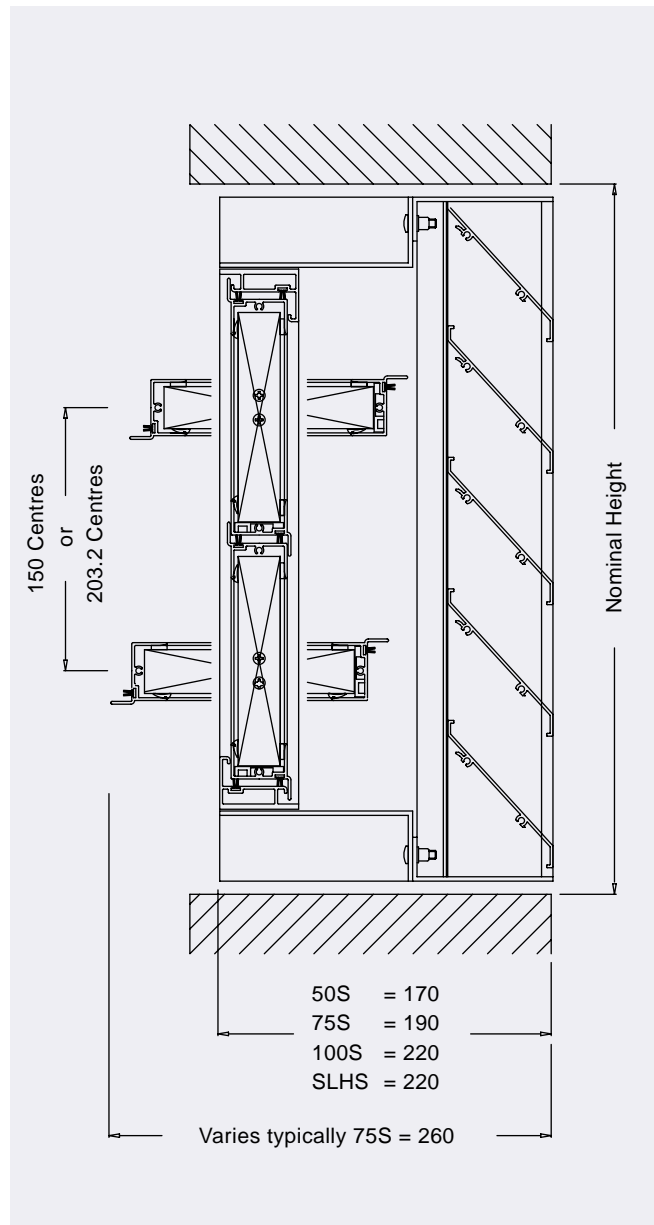
The acoustic panel provides 32 decibel sound reduction and the insulated panel provides 1.15W/m² K thermal value.

Sizes

Single damper maximum 1400 mm W x 2400 mm H
Double damper maximum 2800 mm W x 1500 mm H

Coupling

Panels may be coupled horizontally or vertically.



Natural air ventilator - NAV PB

Plastic blade damper



50, 75, 100 or SLH-S series louvre with integral plastic blade damper incorporating blade and side seals.

(50 series louvre shown)

Specification

Materials

Louvre and damper frame extruded aluminium grade ENAW 6063T6 to BSEN 755.

Frame construction

Screw joints as standard.

Finishes

Extruded aluminium (mill finish).
Polyester powder coated to BS 6496.
Anodised to BS3987.

Bird wire guard

Fitted as standard, 18g expanded aluminium.

Insect screen

If specified, 23g expanded aluminium.

Free area

The face core area provides approximately 47% free area.

Grilles

Internal grilles from our Air Diffusion brand are available where required.

Actuators

Dampers are fitted with:

- 24V AC 10 Nm actuator with modulating action or simply drive open and drive close.
- 24V AC/DC 7 Nm failsafe spring open or close actuator with modulating action or simply spring open and drive close (or vice-versa).

Damper

Damper blades are 50 mm deep extruded PVC hollow section profile providing some thermal protection and resistance to condensation.

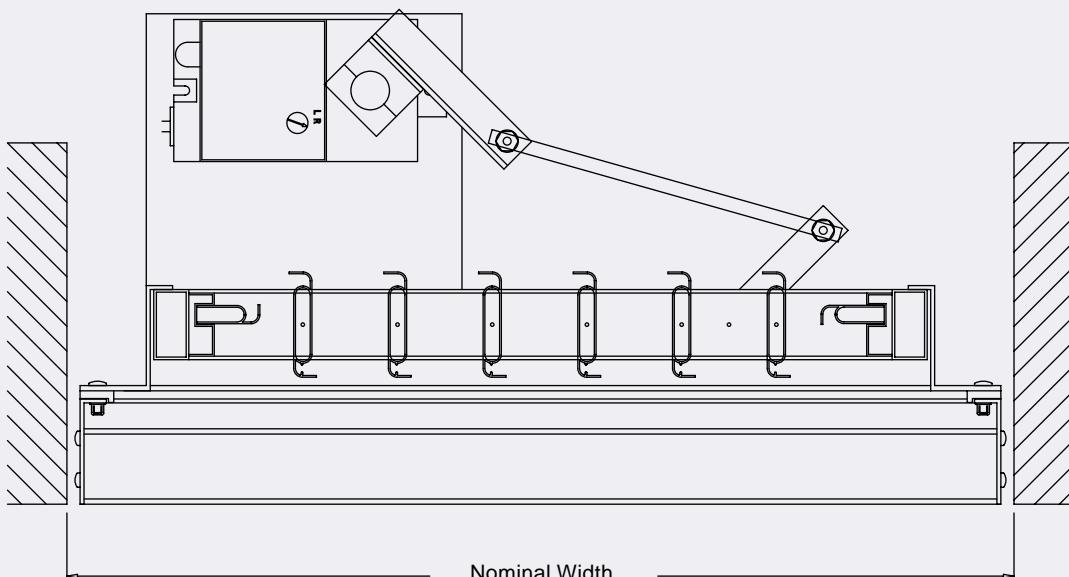
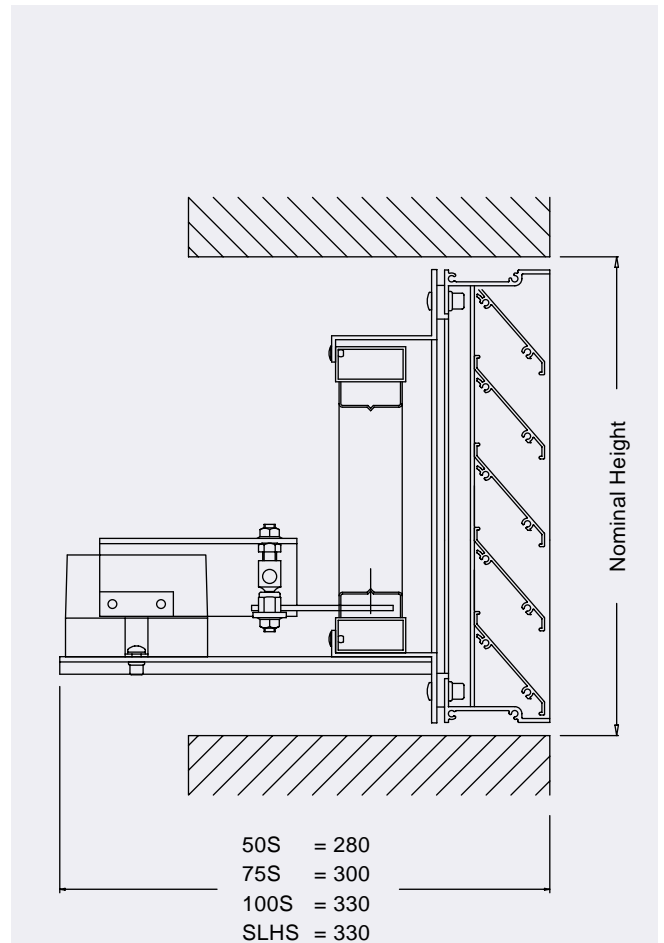
Blades and frame are finished in white.

Sizes

Max panel width 3000 mm
Max panel height 500 mm
Min panel height 200 mm.

Coupling

Panels may be coupled horizontally or vertically.



Plastic blade damper



Acoustic / insulated damper



Plastic blade damper with weatherstrip and bladeholder



Aluminium blade damper



Aluminium blade damper with weatherstrip and bladeholder



Acoustic / insulated damper weatherstrip

Natural air ventilator - NAV WL

Aluminium blade damper



50, 75, 100 or SLH-S series louvre with integral aluminium blade damper incorporating blade and side seals

(50 series louvre shown)

Specification

Materials

Louvre and damper frame extruded aluminium grade ENAW 6063T6 to BSEN 755.

Frame construction

Screw joints as standard.

Finishes

Extruded aluminium (mill finish).
Polyester powder coated to BS 6496.
Anodised to BS3987.

Bird wire guard

Fitted as standard, 18g expanded aluminium.

Insect screen

If specified, 23g expanded aluminium.

Free area

The face core area provides approximately 47% free area.

Grilles

Internal grilles from our Air Diffusion brand are available where required.

Actuators

Dampers are fitted with:

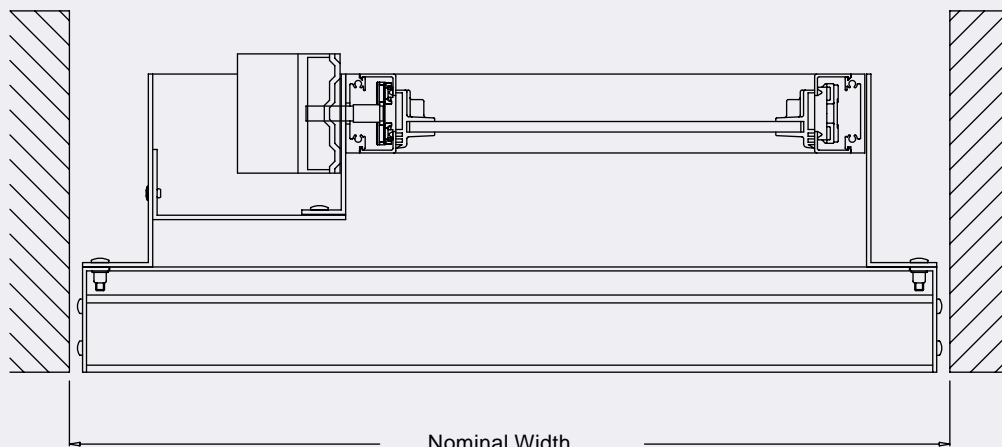
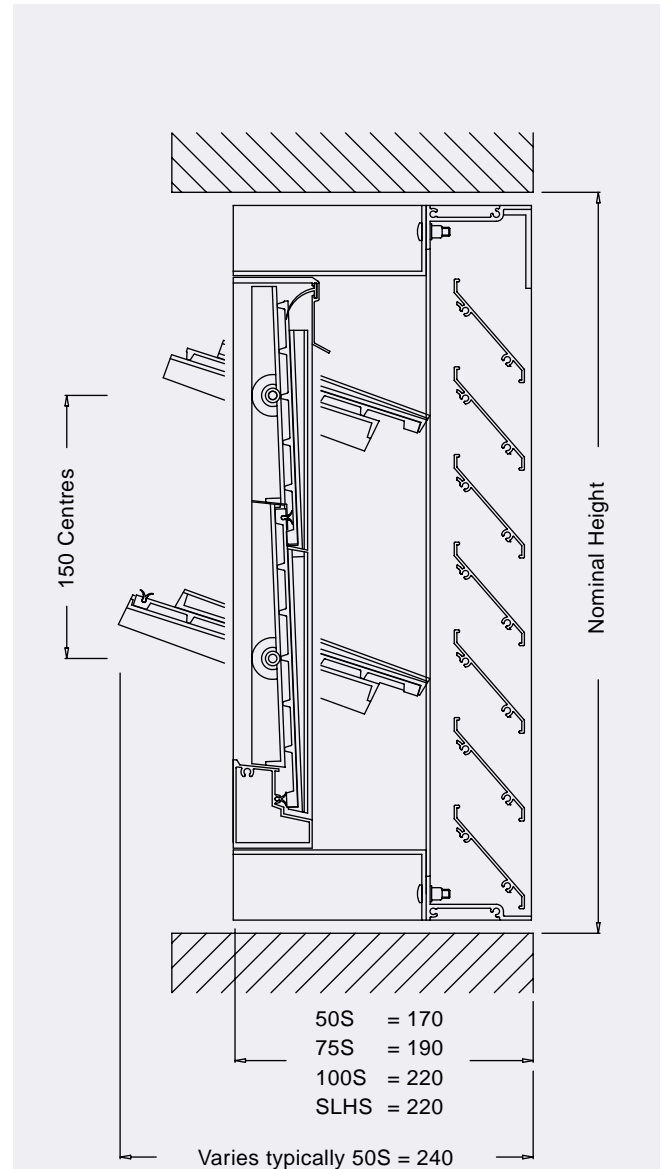
- 24V AC 10 Nm actuator with modulating action or simply drive open and drive close.
- 24V AC/DC 7 Nm failsafe spring open or close actuator with modulating action or simply spring open and drive close (or vice-versa).

Sizes

Single damper maximum 1400 mm W x 2400 mm H
Double damper maximum 2800 mm W x 1500 mm H.

Coupling

Panels may be coupled horizontally or vertically.



Ruskin Air Management Limited
a BS EN ISO 9000 registered company

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Due to a policy of continuous product development the specification and details contained herein are subject to alteration without prior notice.

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