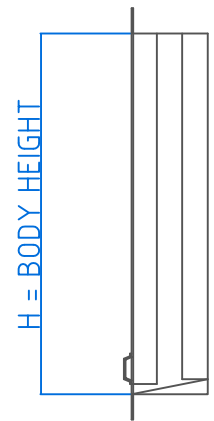
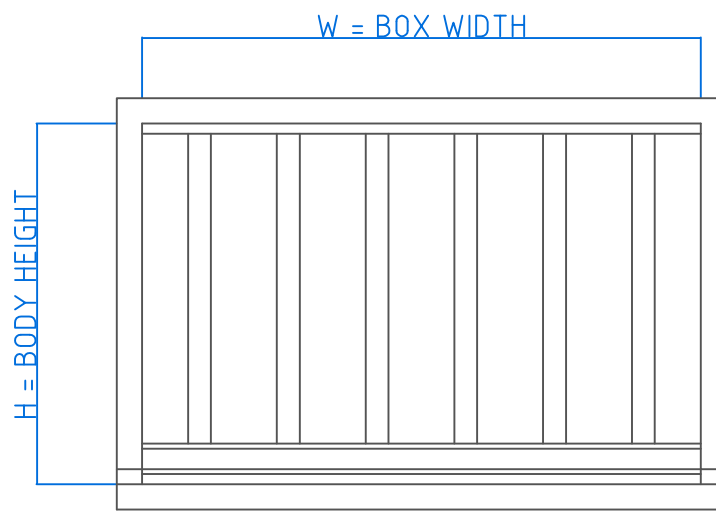


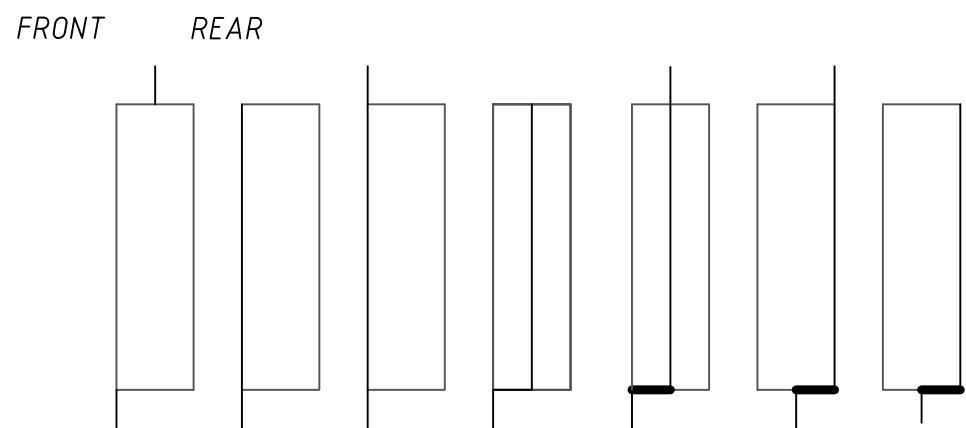
ISOMETRIC CUT-OUT THROUGH SAND TRAP LOUVRE



FRONT REAR  
VERTICAL SECTION THROUGH SAND TRAP LOUVRE



FRONT VIEW SAND TRAP LOUVRE



FRONT REAR  
FLANGES POSITIONED (OR OMITTED) TO SUIT CLIENTS' REQUIREMENTS



PLAN VIEW SAND TRAP LOUVRE

**Description:** Vertical channel louvre blades provide enhanced trapping of small airborne particles, particularly relevant where problems such as windborne sand are expected.

Louvre blades mounted vertically directly into surrounding box frames to produce an overlapping baffle configuration.

Collected debris ejected via horizontal cill slot.

Individual louvre modules can be joined together to form louvre banks.

Designed to provide excellent resistance to airborne sand ingress.

**Accessories:** System has a wide range of accessories available including bird guards, insect mesh, single skin blanking plates, insulated blanking plates, fixing flanges, integrated edge details to interface with all types of cladding systems and building constructions.

Louvres supplied as fully assembled modules either for individual use or to form louvre banks.

Single and double leaf louvred door sets with stainless steel hinges, stainless steel handles, stainless steel stops, stainless steel rest/factors and euro-profile locks.

**Finishes:** Mill finish aluminium alloy to BS EN 485.

-or-

Plastisol coated steel in a full range of colours.

-or-

PVDf coated steel in a full range of colours.

-or-

Aluminium alloy to BS EN 485 with a polyester powder paint finish (including Syntha Pulvin) in a wide choice of colours and gloss levels.

-or-

Galvanised steel with a polyester powder paint finish in a wide choice of colours and gloss levels.

-or-

Pre-coated units manufactured using a wide range of coated aluminium and steel substrates including HPS200 & Prisma, in a full range of colours.

-or-

Available using a wide variety of sheet materials including stainless steel, zinc, aluzinc, bronze & copper.

**Options:** Bird guards - 1.2mm expanded aluminium alloy, diamond mesh size 12.35mm x 35.05mm.

-or-

Insect mesh - perforated expanded aluminium alloy, diamond mesh size 3.5mm x 2mm.

-&/or-

Security guards - 1.6mm stainless steel, square mesh sizes 5.8mm x 5.8mm.

**Technical Information:-** Weight dependant upon material used, generally 18-27kg/m<sup>2</sup>.

Free area dependant upon blade configuration, approx 22% free area.

Louvre Depth - 152mm

Profile Thickness - 0.7mm - 2.0mm.

Louvre channel pitch - 175mm

Aerodynamic coefficient of 0.12 to be used to check project suitability by the Project Mechanical Consultant.

**Design:** All design details/specifications are to be approved by Architect/Agent before manufacture.



**McKenzie-Martin Ltd**  
Ventilators - Louvres - Rooflights

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|                            |  |                   |  |                  |  |                     |  |
|----------------------------|--|-------------------|--|------------------|--|---------------------|--|
| Title:<br>SAND TRAP LOUVRE |  | Project:          |  |                  |  |                     |  |
| Drawn By:<br>CJF           |  | Date:<br>31-10-14 |  | Checked By:<br>- |  | Approved Date:<br>- |  |
|                            |  |                   |  | Scale:<br>NTS    |  | Job No.<br>-        |  |
|                            |  |                   |  | Iss.:            |  | Amendment           |  |
|                            |  |                   |  | A                |  | 04-08-14            |  |
|                            |  |                   |  | Date             |  | CJF                 |  |
|                            |  |                   |  | Drg. No.         |  | MM-SANDTRAP         |  |