

**Electric Opening  
Hatch  
MHE**

*Utilizing Nature's Gift.®*



**SKYSPAN**  
AUSTRALIA PTY LTD



# Electric Opening Hatch - MHE

The Skyspan MHE is an electric-opening roof access hatch designed for safe, automated, and convenient access to roof areas. Ideal for commercial or high-end residential applications where remote or assisted operation is required.

The MHE provides versatile, heavy-duty access with smooth electric actuation and full compliance with Australian conditions.

**For components and wiring, see page 44.**



**7 YEAR**  
PRODUCT  
GAURANTEE

**3 YEAR**  
ELECTRICAL  
COMPONENT  
WARRANTY

**1 YEAR**  
BATTERY  
WARRANTY

The Skyspan MHE Glass Skylight Hatch - Electric Opening is manufactured to comply with the Australian Standard AS 4285 and AS 1288 is covered by a seven (7) year guarantee, three (3) year warranty on electrical components and one (1) year warranty on battery.



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WHERE TO USE

Skyspan's Roof Access Hatch fits all Australian roof types including Corrugated, Metaldecks, Tile Roofs and Concrete Roofs. Commonly used in Industrial buildings and high rise for maintenance to rooftop plant equipment. Can also be used on residential homes.

Ideal for:



Roof pitch range:



Electric Operation

Hatch opens via exposed electric actuators, with options to hardwire to a wall switch or use a handheld remote control.

Oversized Capability

Available in large-format sizes for equipment and plant access (up to 2500 x 6000 mm)

Insulated Lid

Heavy-duty double skin metal lid with insulated core to reduce thermal and acoustic transfer.

Weather-Tight Design

Integrated gasket seals ensure a watertight seal against the elements.

Durable Construction

Welded aluminium box frame clad in 0.55mm Zinalume sheet. Suitable for Australian wind region A and will also support 2.5 kPa trafficable load.

Engineered to Australian Standards

On a project specific basis the MHE can be professionally engineered to meet the structural requirements of the following Australian Standards, subject to factors such as size, support conditions, and intended use:

- AS/NZS 1170.1:2002 – Structural design actions – permanent, imposed and other actions
- AS/NZS 1170.2:2011 – Structural design actions – wind actions
- AS/NZS 1170.4:2004 – Structural design actions – earthquake actions in Australia
- AS/NZS 1664.1:1997 – Aluminium structures – limit state design
- AS 4100:2020 – Steel structures

Performance is assessed for each application and may vary depending on project specifications.

MANUFACTURE

Flashing and Frame

STANDARD MATERIALS

Aluminium frame welded for superior strength.  
0.75mm Zinalume® flashing.

STANDARD FINISH

Mill

CUSTOM FINISH

Powder coated to match Colorbond® colour range.  
See page 9.

# MHE - Electric Opening Hatch

Custom P.O.A. Special Sizes Ships in 3 - 4 weeks

| Size        | Hob Mount (Concrete) Code | Curb Mount (Steel/Timber) Code |
|-------------|---------------------------|--------------------------------|
| 900x900mm   | MHE9090HB                 | MHE9090CM                      |
| 900x1500mm  | MHE90150HB                | MHE90150CM                     |
| 900x2000mm  | MHE90200HB                | MHE90200CM                     |
| 900x2500mm  | MHE90250HB                | MHE90250CM                     |
| 900x3000mm  | MHE90300HB                | MHE90300CM                     |
| 900x3500mm  | MHE90350HB                | MHE90350CM                     |
| 900x4000mm  | MHE90400HB                | MHE90400CM                     |
| 900x4500mm  | MHE90450HB                | MHE90450CM                     |
| 1000x1000mm | MHE100100HB               | MHE100100CM                    |
| 1000x1500mm | MHE100150HB               | MHE100150CM                    |
| 1000x2000mm | MHE100200HB               | MHE100200CM                    |
| 1000x2500mm | MHE100250HB               | MHE100250CM                    |
| 1000x3000mm | MHE100300HB               | MHE100300CM                    |
| 1000x3500mm | MHE100350HB               | MHE100350CM                    |
| 1000x4000mm | MHE100400HB               | MHE100400CM                    |
| 1000x4500mm | MHE100450HB               | MHE100450CM                    |
| 1100x1100mm | MHE110110HB               | MHE110110CM                    |
| 1100x1500mm | MHE110150HB               | MHE110150CM                    |
| 1100x2000mm | MHE110200HB               | MHE110200CM                    |
| 1100x2500mm | MHE110250HB               | MHE110250CM                    |
| 1100x3000mm | MHE110300HB               | MHE110300CM                    |
| 1100x3500mm | MHE110350HB               | MHE110350CM                    |
| 1100x4000mm | MHE110400HB               | MHE110400CM                    |
| 1100x4500mm | MHE110450HB               | MHE110450CM                    |
| 1200x1200mm | MHE120120HB               | MHE120120CM                    |
| 1200x1500mm | MHE120150HB               | MHE120150CM                    |
| 1200x2000mm | MHE120200HB               | MHE120200CM                    |

MHE - Electric Opening Hatch

Custom P.O.A. Special Sizes Ships in 3 - 4 weeks

| Size        | Hob Mount (Concrete) Code | Curb Mount (Steel/Timber) Code |
|-------------|---------------------------|--------------------------------|
| 1200x2500mm | MHE120250HB               | MHE120250CM                    |
| 1200x3000mm | MHE120300HB               | MHE120300CM                    |
| 1200x3500mm | MHE120350HB               | MHE120350CM                    |
| 1200x4000mm | MHE120400HB               | MHE120400CM                    |
| 1200x4500mm | MHE120450HB               | MHE120450CM                    |
| 1300x1300mm | MHE130130HB               | MHE130130CM                    |
| 1400x1400mm | MHE140140HB               | MHE140140CM                    |
| 1500x1500mm | MHE150150HB               | MHE150150CM                    |
| 1500x2000mm | MHE150200HB               | MHE150200CM                    |
| 1500x2500mm | MHE150250HB               | MHE150250CM                    |
| 1500x3000mm | MHE150300HB               | MHE150300CM                    |
| 1600x1600mm | MHE160160HB               | MHE160160CM                    |
| 1700x1700mm | MHE170170HB               | MHE170170CM                    |
| 1800x1800mm | MHE180180HB               | MHE180180CM                    |
| 1900x1900mm | MHE190190HB               | MHE190190CM                    |
| 2000x2000mm | MHE200200HB               | MHE200200CM                    |
| 2000x2500mm | MHE200250HB               | MHE200250CM                    |
| 2000x3000mm | MHE200300HB               | MHE200300CM                    |
| 2000x3500mm | MHE200350HB               | MHE200350CM                    |
| 2000x4000mm | MHE200400HB               | MHE200400CM                    |
| 2000x4500mm | MHE200450HB               | MHE200450CM                    |
| 3000x3000mm | MHE300300HB               | MHE300300CM                    |
| 3000x3500mm | MHE300350HB               | MHE300350CM                    |
| 3000x4000mm | MHE300400HB               | MHE300400CM                    |
| 3000x4500mm | MHE300450HB               | MHE300450CM                    |
| 3500x3500mm | MHE350350HB               | MHE350350CM                    |
| 4000x4000mm | MHE400400HB               | MHE400400CM                    |

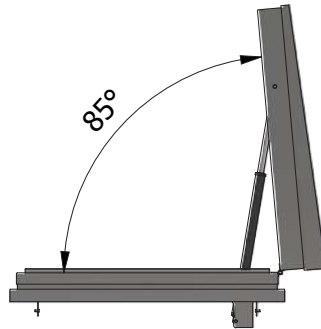
CUSTOM P.O.A. SPECIAL SIZES

# MHE

## Components & Wiring



RIGHT SIDE VIEW  
(Close Position)



RIGHT SIDE VIEW  
(Open Position)

### ELECTRICALLY OPERATED

- 240 Volt AC Power input
- 24 Volt DC Actuators
- Battery Backup System

### BACKUP BATTERY

Back up battery included for use in case of power failure.



### ELECTRIC LINEAR ACTUATOR

Actuators make the opening operation effortless and near silent.

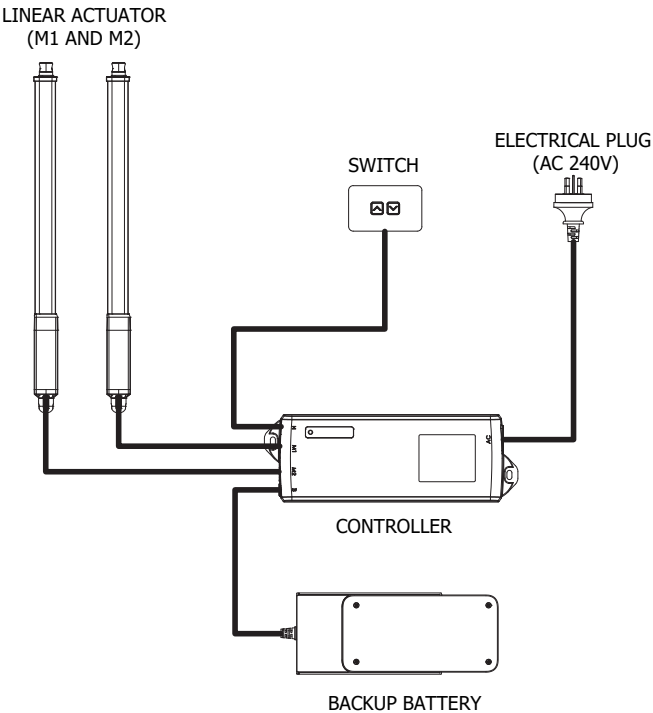
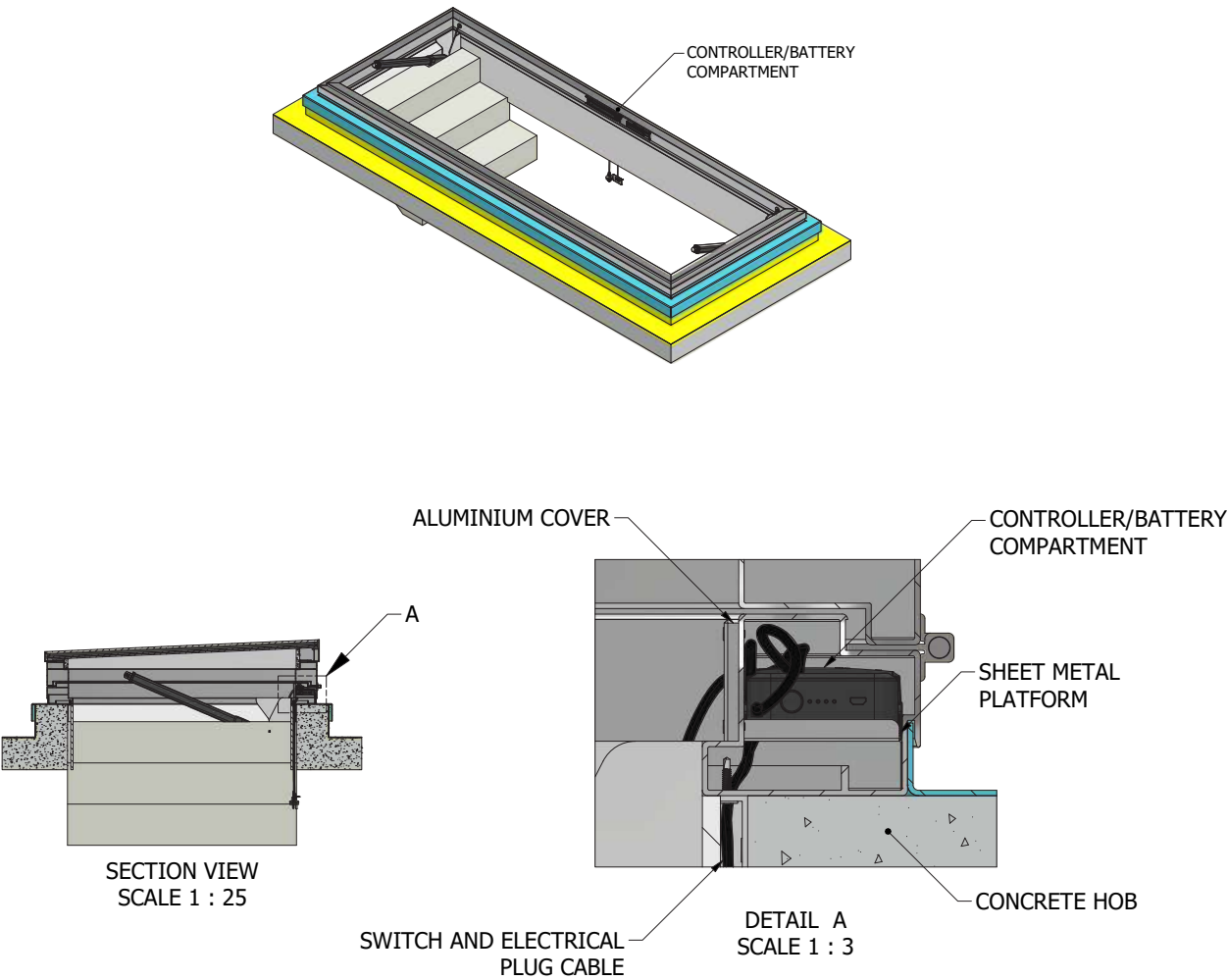


### SWITCH

Deadman switch for safe operation

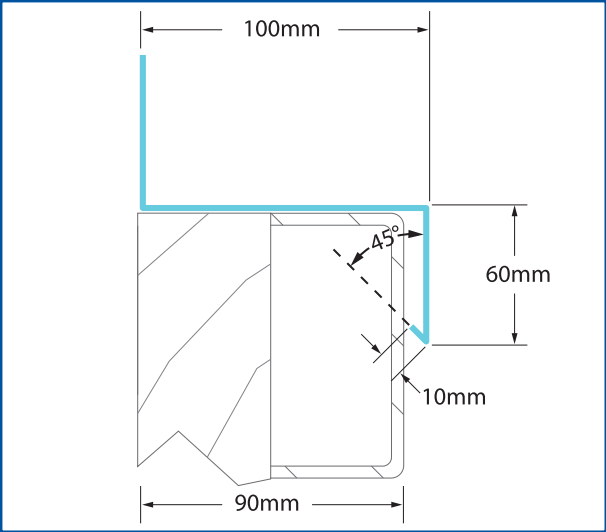


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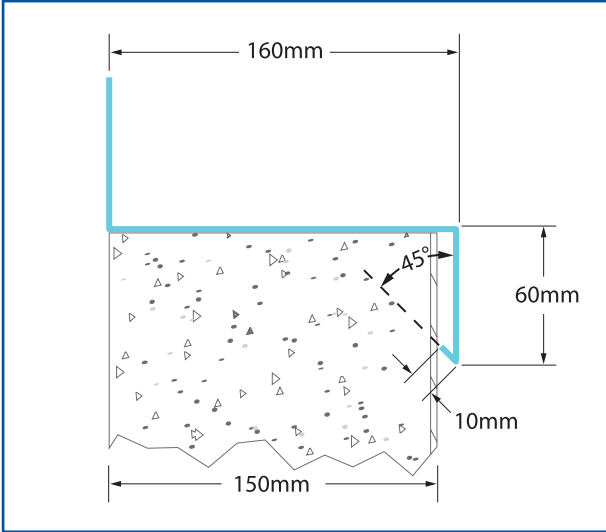


Roof Type - Flashing Profile

CM (Curb Mount) - Curb Mount (Steel/Timber)



HB (Hob) - Hob Mount (Concrete)



**Powder Coating**



| Colour  | Colour   |
|---|--|
|  Classic Cream   |  Gully          |
|  Paperbark       |  Mangrove       |
|  Pale Eucalypt   |  Wallaby        |
|  Woodland Grey   |  Jasper         |
|  Deep Ocean     |  Basalt        |
|  Cottage Green |  Ironstone    |
|  Manor Red     |  Terrain      |
|  Night Sky     |  Monument     |
|  Surfmist      |  Monument Mat |
|  Evening Haze  |  Dover White  |
|  Shale Grey    |  Southerly    |
|  Dune          |  Bluegum      |
|  Cove          |  Pearl White  |
|  Windspray     |  |



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