

Technical Data Sheet

HYDOME PASS Access Hatch

Hydome Pass roof access hatch units provide access to and from roof areas, and are particularly suited to industrial properties. They may form part of a fire escape route, be used for accessing roof mounted plant or equipment and for other maintenance tasks.

Key benefits

- Highly insulated upstand 0.36W/m²K.
- Impact resistant to EN1873 – 1200 Joules.
- Available in a wide variety of sizes.
- Solid insulated cover or glazing.
- Locking or non-locking from inside and outside.
- Open hold and release strut.



Hydome Pass access hatches are available in a wide range of sizes, up to a maximum size of 1500mm x 1500mm. The Ladder access hatch units provide access for vertical ladders, with the larger sizes available to facilitate the easy movement of equipment into and out of a building. The Stairway access hatch provides access to stairs, and the length of opening provides headroom for use with stairways from 30° to 75°.

The Hydome Pass access hatches are supplied with a solid insulated cover, available in mill finish aluminium or coated to any standard RAL colour. They are available with aluminium upstands 230mm high, and finished white polyester powder coated internally as standard.

The Hydome Pass access hatches are insulated externally with Rockwool insulation giving exceptionally robust and thermally efficient performance. They are also available with an adaptor base to install directly to the top of an builder's upstand kerb.

Technical information

Thermal Transmission

Values shown below are calculated U-Values unless denoted otherwise. Complete unit U-Values are available on request.

Typical values	U-Value (W/m ² K)
Solid insulated cover Rockwool	1.40
Upstand aluminium	0.36

Certification		
Impact resistance – soft body	EN1873	1200 Joules
Impact resistance – soft body	ACR(M): 2011	Class B
Sound resistance		28 dB
Upward load	EN1873	1500N
Downward load	EN1873	1000N
Watertightness	EN1873	Pass
Air permeability	EN 12154	Pass

Standard Size Table			
Product Code	Roof Opening Size – Width x Length (mm)	Access Opening Size – Width x Length (mm)	Hinge Side
Square units			
L.6060	600 x 600	600 x 600	–
L.7070	700 x 700	700 x 700	–
L.7575	750 x 750	750 x 750	–
L.8080	800 x 800	800 x 800	–
L.9090	900 x 900	900 x 900	–
L.100100	1000 x 1000	1000 x 1000	–
L.110110	1100 x 1100	1100 x 1100	–
L.120120	1200 x 1200	1200 x 1200	–
L.130130	1300 x 1300	1300 x 1300	–
L.140140	1400 x 1400	1400 x 1400	–
L.150150	1500 x 1500	1500 x 1500	–
Rectangular units			
L.60140	600 x 1400	600 x 1400	Long
L.60150	600 x 1500	600 x 1500	Long
L.7060	700 x 600	700 x 600	Short
L.70140	700 x 1400	700 x 1400	Long
L.70150	700 x 1500	700 x 1500	Long
L.7560	750 x 600	750 x 600	Short
L.7570	750 x 700	750 x 700	Short
L.75140	750 x 1400	750 x 1400	Long
L.75150	750 x 1500	750 x 1500	Long
L.8060	800 x 600	800 x 600	Short
L.8070	800 x 700	800 x 700	Short
L.80.75	800 x 750	800 x 750	Short
L.80140	800 x 1400	800 x 1400	Long
L.80150	800 x 1500	800 x 1500	Long
L.9060	900 x 600	900 x 600	Short
L.9070	900 x 700	900 x 700	Short
L.9075	900 x 750	900 x 750	Short
L.9080	900 x 800	900 x 800	Short
L.90140	900 x 1400	900 x 1400	Long
L.90150	900 x 1500	900 x 1500	Long
L.10060	1000 x 600	1000 x 600	Short
L.10070	1000 x 700	1000 x 700	Short
L.10075	1000 x 750	1000 x 750	Short
L.10080	1000 x 800	1000 x 800	Short
L.10090	1000 x 900	1000 x 900	Short

L.100140	1000 x 1400	1000 x 1400	Long
L.100150	1000 x 1500	1000 x 1500	Long
L.11060	1100 x 600	1100 x 600	Short
L.11070	1100 x 700	1100 x 700	Short
L.11075	1100 x 750	1100 x 750	Short
L.11080	1100 x 800	1100 x 800	Short
L.11090	1100 x 900	1100 x 900	Short
L.110100	1100 x 1000	1100 x 1000	Short
L.110140	1100 x 1400	1100 x 1400	Long
L.110150	1100 x 1500	1100 x 1500	Long
L.12060	1200 x 600	1200 x 600	Short
L.12070	1200 x 700	1200 x 700	Short
L.12075	1200 x 750	1200 x 750	Short
L.12080	1200 x 800	1200 x 800	Short
L.12090	1200 x 900	1200 x 900	Short
L.120100	1200 x 1000	1200 x 1000	Short
L.120110	1200 x 1100	1200 x 1100	Short
L.120140	1200 x 1400	1200 x 1400	Long
L.120150	1200 x 1500	1200 x 1500	Long
L.13060	1300 x 600	1300 x 600	Short
L.13070	1300 x 700	1300 x 700	Short
L.13075	1300 x 750	1300 x 750	Short
L.13080	1300 x 800	1300 x 800	Short
L.13090	1300 x 900	1300 x 900	Short
L.130100	1300 x 1000	1300 x 1000	Short
L.130110	1300 x 1100	1300 x 1100	Short
L.130120	1300 x 1200	1300 x 1200	Short
L.130140	1300 x 1400	1300 x 1400	Long
L.130150	1300 x 1500	1300 x 1500	Long

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