

Product Name

RHA-15, RSA-1 Aluminum Roof Hatches

Associated Specification Section

MasterFormat 2012 # 07 72 33

MasterFormat 1995 # 07720

Manufacturer's Name

Maxam Metals



Date: 2012-10-08 (Revised)

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PRODUCT DESCRIPTION

PRODUCT FEATURES

- DESCRIPTION
 - Model RHA-15: Single leaf aluminum roof hatch, with integral aluminum curb, with hinge and hardware.
 - Model RSA-1: Single aluminum roof hatch, with integral steel curb, with hinge and hardware.
- BASIC USES / RELATED USES
 - Designed to allow ladder access to flat roofs.
- PRODUCT ATTRIBUTES AND CHARACTERISTICS
 - Concealed spring hinges counterbalance the cover for ease of opening.
 - The lid has no exposed hardware to ensure against water penetration and corrosion.
 - Operable from the inside by a handle and the outside with a weather proof push button release mechanism.
- SELECTION CRITERIA
 - Optional 50 mm (2 inch) insulation thickness on curb and/or cover.
 - Optional stainless steel hardware.
- APPLICABLE STANDARDS, RELATED REFERENCES
 - ASTM A653/A653M-11 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- SUSTAINABILITY CRITERIA
 - Products manufactured at Burnaby, BC factory.
- SPECIAL WARRANTY
 - Manufacturer's limited warranty of five (5) years.

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PRODUCT PROPERTIES

- **COMPOSITION**
 - Integral Aluminum Curb (Model RHA-15): 2.6 mm (10 gauge) aluminum, mill finish; with insulation; mounting flange with mounting holes, and integral cap flashing.
 - Integral Steel Curb (Model RSA-1): ASTM A653/A653M, galvanized coated steel, ZF120 (A40) coating designation, 2.0 mm (14 gauge) thick, prime painted, with insulation, mounting flange with mounting holes, and integral cap flashing.
 - Flush Aluminum Cover and Cover Liner: Aluminum, 2 mm (12 gauge) thick, mill finish; with insulation; mounting flange with mounting holes, integral cap flashing, weatherproof seal.
 - Insulation:
 - Curb: 25 mm (1 inch) rigid high-density oil-impregnated fibreboard.
 - Cover: 25 mm (1 inch) fibreglass.
 - Weatherproof Gasket: Continuous extruded Santoprene; 100% recovery at 50% deflection.
 - Hardware:
 - Concealed spring operator;
 - Latch: Zinc plated spring latch, with padlock hasps inside and outside; external padlock hasp is located under cover to protect it from weather;
 - Hold open arm: Galvanized steel, with grip handle for easy release, powder coated safety red colour.
 - Hinges: Pintle type, with 2 mm (12 gauge) thick galvanized steel brackets.
- **ACCESSORIES**
 - Ladder (refer to Maxam data sheet).
 - Safety Grab Handle (refer to Maxam data sheet).
 - Safety Post (refer to Maxam data sheet).
- **DIMENSIONS**
 - Curb Height: 300 mm (12 inches).
 - Mounting Flange: 89 mm (3-1/2 inch) wide, with 8 mm (5/16 inch) pre-drilled holes.
 - Model RSA-1: 900 x 750 mm (36 x 30 inch) size.
 - Model RHA-15: 900 x 750 mm (36 x 30 inch) size.

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PRODUCT DESCRIPTION

- **SHOP FABRICATION AND ASSEMBLY**
 - Model RSA-1: Single leaf type, steel curb and aluminum cover.
 - Model RHA-15: Single leaf type, aluminum curb and aluminum cover.
- **FINISH, COLORS**
 - Steel Curb: Electrostatically applied grey prime coat.
 - Aluminum Curb: Mill finish.
 - Aluminum Cover: Mill finish.

PRODUCT PLACEMENT

- **INSTALLATION**
 - Verify that the hinge side of the roof hatch is located correctly when used in conjunction with a stationary ladder and/or in relationship to the proximity of the roof edge.
 - Coordinate with installation of roofing system and related flashings for weather tight installation.
 - Apply bituminous paint on surfaces of units in contact with cementitious materials or dissimilar metals.
 - Adjust hinges for smooth operation; replace defective parts.

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PRODUCT DESCRIPTION

Corporate Identification

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