

Product Name

RHS and MAX Steel 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**
 - Insulated single leaf roof hatches with integral steel curb, hinge, and hardware.
- **BASIC USES / RELATED USES**
 - RHS-2 and RHS-5: Designed to allow ladder access to flat roofs.
 - MAX-14: Designed to allow ladder or ship 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 Steel Curb: ASTM A653/A653M, galvanized coated steel, ZF120 (A40) coating designation, prime painted, with insulation, mounting flange with mounting holes, and integral cap flashing.
 - Metal Thickness: 2.0 mm (14 gauge).
 - Flush Steel Cover: ASTM A653/A653M, galvanized coated steel, ZF120 (A40) coating designation, prime painted, insulated.
 - External Cover: 2.0 mm (14 gauge) thick.
 - Interior Liner: 0.8 mm (22 gauge) thick.
 - Cap Flashing: ASTM A653/A653M, galvanized coated steel, ZF120 (A40) coating designation, 2.0 mm (14 gauge) thick.
 - 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 5/16 inch pre-drilled holes.
 - Model MAX-14: 900 x 750 mm (36 x 30 inch).
 - Model RHS-2: 900 x 900 mm (36 x 36 inch).
 - Model RHS-5: 750 x 1350 mm (30 x 54 inch).

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PRODUCT DESCRIPTION

- FINISH, COLORS
 - Satin finish, electrostatically applied grey prime coat.

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.

Corporate Identification

Maxam Metal Products Limited
Unit 3 - 5742 Beresford Street
Burnaby, BC, Canada V5J 1J1

Toll Free Phone: 866-446-2926

Toll Free Fax: 866-436-2926

Direct Phone: 604-433-4243

Direct Fax: 604-433-4148

E-mail: info@maxammetal.com

Internet: www.maxammetal.com

Classification and Filing

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