Specifications

SECTION 07 72 33
Roof Hatches

PART 1: GENERAL

1.01 SUMMARY
A. Metal roof hatches with integral curbs.
B. Products required, but not supplied under this section.
1. Required fasteners.

1.02 SYSTEM DESCRIPTION
The roof hatches shall have a clear opening as shown on the drawings, and shall consist of an insulated cover and frame. Material shall be 0.00 galvanized steel and have a factory applied coat of primer OR .000 Aluminum H-14 3003, mill finish. Corners shall be fully welded and ground smooth. A gasket between cover and frame shall create a weathertight seal.

1.03 DELIVERY, STORAGE, AND HANDLING
A. Examine hatch when it arrives on site. Notify the carrier and manufacturer of any damage.
B. Store hatch until installation under roof, if possible or, if stored outside, under a tarp or suitable cover.

1.04 WARRANTY
The hatch carries a limited warranty of 5 years against defective material and workmanship, covering parts only, no labor or freight. Defective parts, if deemed so by the manufacturer, will be replaced at no charge, freight excluded, upon inspection at manufacturer's plant which warrants same.

1.05 MAINTENANCE
A. Under normal usage, the hatch shall require no preventive maintenance.
B. No spare parts shall be required.

PART 2: PRODUCTS

2.01 MANUFACTURER
Precision Ladders, LLC
P.O. Box 2279
Morristown, TN 37816
Phone: (800) 225-7814
Fax: (423) 505-2091

2.02 MATERIALS
A. CURB
1. Formed from 14 gauge galvanized steel of lockforming quality per ASTM A-525 with G90 coating OR .000 aluminum H-14 3003, mill finish.
2. Sheathed with 1" of rigid fiber board insulation.
3. Height of 12" unless indicated otherwise on drawings.
4. Integral flange for securing to roof.
5. Hinges connecting curb to door shall be 1/8", 2 piece formed steel with 3/8" pivot pin.
B. COVER
1. Formed from 14 gauge galvanized steel of lockforming quality per ASTM A-525 with G90 coating OR .000 aluminum H-14 3003, mill finish.
2. Liner shall be 22 gauge galvanized steel with G90 coating OR .040 aluminum H-14 3003, mill finish.
3. Insulation between cover and liner to be 1" thick U.L. plain fiberglass 0.75# density.
4. Cover shall be reinforced as required with 11 ga. steel channel (or Aluminum).
5. Extruded rubber gasket shall be securely attached to the liner to make the unit weathertight.
6. A one point cab lock is to be provided with a built-in inside handle on units with a length of 4' 6" or less. On units of greater length, a 2 point slam lock will be used.
7. Edger of cover shall be dovied of hardware with the exception of the outside handle.
8. Outside handle shall be vinyl coated, steel T-handle.
9. Automatic hold-open device shall be formed from 3/16" steel flat bar and 1/2" diameter steel round stock with a vinyl grip.
10. Padlock provisions provided on both interior and exterior of unit.

C. PRESSURE CONTROL
Opening/closing pressure assistance shall be provided by endoused spring shocks.

D. HARDWARE
1. Corrosion resistant hardware and fasteners are standard.
2. Optional Stainless Steel hardware is available.

E. MANUFACTURED UNITS
The Hatch is a Model PH - ('') _ (See CHART 1 and 2 on the inside cover).

F. ACCESSORIES
1. Optional Safety Handrail to facilitate getting on or off roof (mounted to corner of hatch curb).
2. Optional Extends-A-Rail retractable post to facilitate getting on or off roof (mounted to ladder).
3. Optional Aluminium Guard Rail to protect the roof opening (mounted to the hatch curb).

G. FABRICATION
The hatch is completely fabricated ready for installation before shipment to the site.

H. FINISH
Red oxide primer OR Mill finish aluminum.

PART 3: EXECUTION

3.01 EXAMINATION
3.01.1 EXAMINATION
Examine rough opening in roof for opening size and squareness.

3.01 INSTALLATION
Install per the manufacturer's installation instructions.

3.02 FIELD QUALITY CONTROL
The manufacturer has representatives in all areas of the United States and Canada. For the name of the closest representative, call (800) 225-7814.

Note: Choices in the above specification are presented in bold print, please choose one only.
Roof Hatches

Precision Ladders offers Roof Hatches for roof access from various types of ladders and stairs. All of the hatches were designed with ease of operation and safety of the user in mind. All models come standard with zinc plated hardware including latch assemblies, hinges and hold open arms. All hatches come with exterior and interior padlock provisions. Both galvanized steel and aluminum models are available. The sizes listed in the chart below are in stock and can be shipped quickly.

STANDARD SIZES AND WEIGHTS

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<tr>
<th>CLEAR OPENING</th>
<th>WEIGHT</th>
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<td>ALUMINUM</td>
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<td>100#</td>
<td></td>
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</tbody>
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*USE DESIGNATION LETTER FOR TYPE OF METAL
A-ALUMINUM G-GALVANIZED STEEL

Phone: (600) 225-7814 or (423) 586-2265 • Fax: (423) 586-2091
PDF & DWG files available for download @ www.precisionladders.com
Consult factory for custom sizes and options
Precision Ladders offers Roof Hatches for roof access from various types of ladders and stairs. All of the hatches were designed with ease of operation and safety of the user in mind. All models come standard with zinc-plated hardware including latch assemblies, hinges and hold open arms. All hatches come with exterior and interior padlock provisions. Both galvanized steel and aluminum models are available. The sizes listed in the chart below are in stock and can be shipped quickly.

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<td>CLEAR OPENING</td>
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<td>PH-1*) 3'-0&quot; X 5'-0&quot;</td>
<td>270#</td>
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<tr>
<td>PH-1*) 3'-0&quot; X 6'-0&quot;</td>
<td>280#</td>
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*USE DESIGNATION LETTER FOR TYPE OF METAL
A-ALUMINUM                   G-GALVANIZED STEEL

Precision Ladders offers a variety of complete RAS which include everything a designer needs to provide code compliant access to the roof deck from a single source. These Roof Access Systems include the Ladder, Ladder Safety Post, Roof Hatch and Guard Rails for the hatch opening. Precision Ladders’ Roof Access Systems can be configured to accommodate Fixed Vertical Ladders, Ships Ladders, Alternating Tread Ladders, and Disappearing (folding) Stairways.
SECTION 07 22 33
Roof Hatches and Roof Access

PART 1: GENERAL
1.01 SUMMARY
A. Metal roof hatches with integral curbs.
B. Products required, but not supplied under this section.
C. 1. Required fasteners.

1.02 SYSTEM DESCRIPTION
The roof hatches shall have a clear opening as shown on the drawings, and shall consist of an insulated cover and frame. Material shall be 0.06 galvanized steel and have a factory applied coat of primer OR .030 Aluminum H-14 3003, mill finish. Corners shall be fully welded and ground smooth. A gasket between cover and frame shall create a weathertight seal.

1.03 DELIVERY, STORAGE, AND HANDLING
A. Examine hatch when it arrives on site. Notify the carrier and manufacturer of any damage.
B. Store hatch until installation under roof, if possible, or if stored outside, under a tarp or suit- able cover.

1.04 WARRANTY
The hatch carries a limited warranty of 5 years against defective material and workmanship, covering parts only, no labor or freight. Defective parts, if deemed so by the manufacturer, will be replaced at no charge, freight excluded, upon inspection at manufacturer’s plant which warrants same.

1.05 MAINTENANCE
A. Under normal usage, the hatches shall require no preventive maintenance.
B. No “spare parts” shall be required.

PART 2: PRODUCTS
2.01 MANUFACTURER
Precision Ladders, LLC
P.O. Box 2279
Morristown, TN 37816
Phone: (800) 225-7814
Fax: (423) 506-1091

2.02 MATERIALS
A. CURB
1. Formed from 14 gauge galvanized steel of lockforming quality per ASTM A-525 with G90 coating OR .030 aluminum H-14 3003, mill finish.
2. Sheet piled with 1” of rigid fiber board insulation.
3. Height of 12” unless indicated otherwise on drawings.
4. Integral flange for securing to roof.
5. Hinges connecting curb to door shall be 1/8”, 2 piece formed steel with 3/8” pivot pin.

B. COVER
1. Formed from 14 gauge galvanized steel of lockforming quality per ASTM A-525 with G90 coating OR .030 aluminum H-14 3003, mill finish.
2. Liner shall be 22 gauge galvanized steel with G90 coating OR .040 aluminum H-14 3003, mill finish.
3. Insulation between cover and liner to be 1” thick U.L. plain fiberglass 0.75# density.
4. Cover shall be reinforced as required with 11 ga. steel channel (or Aluminum).
5. Extruded rubber gasket shall be securely attached to the liner to make the unit weather tight.
6. A one point cab lock is to be provided with a built-in inside handle on units with a length of 4’ 6” or less. On units of greater length, a 2 point alarm lock will be used.
7. Edger of cover shall be devoid of hardware with the exception of the outside handle.
8. Outside handle shall be vinyl coated, steel T-handle.
9. Automatic hold-open device shall be formed from 3/16” steel flat bar and 1/2” diameter steel round stock with a vinyl grip.
10. Padlock provisions provided on both interior and exterior of unit.

B. PRESSURE CONTROL
Opening/closing assistance/resistance shall be provided by endloaded spring shocks.

D. HARDWARE
1. Corrosion resistant hardware and fasteners are standard.
2. Optional Stainless Steel hardware is available.

E. MANUFACTURED UNITS
The Hatch is a Model PH- (*) _
These CHART 1 and 2 on the inside cover.

F. ACCESSORIES
1. Optional Safety Handrail to facilitate getting on or off roof (mounted to corner of hatch curb).
2. Optional Endex-A-Rail retractable post to facilitate getting on or off roof (mounted to ladder).
3. Optional Aluminum Guard Rail to protect the roof opening (mounted to the hatch curb).

F. FABRICATION
The hatch is completely fabricated ready for installation before shipment to the site.

H. FINISH
Red oxide primer OR Mill finish aluminum.

PART 3: EXECUTION
3.01 EXAMINATION
Examine rough opening in roof for opening size and squarness.

3.01 INSTALLATION
Inspect per the manufacturer’s installation instructions.

3.02 FIELD QUALITY CONTROL
The manufacturer has representatives in all areas of the United States and Canada. For the name of the closest representative, call (800) 225-7814.

Note: All points in the above specification are presented in bold print, please choose one only.