

Personnel II Roof Hatch

Model(s): RHU

GENERAL DESCRIPTION



Roof Hatch products provide safe and convenient access to roof areas using interior ladders, alternating tread devices and stairs. Roof hatches are designed and built for years of safe, convenient access to roof top areas on commercial buildings.

The following are general instructions for installing, operating and maintaining Personnel II Roof Hatches.

Introduction + Safety

Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the roof hatch the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

GENERAL SAFETY PRECAUTIONS Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through its own analysis to select products suitable for their specific application requirements, ensure they are properly maintained, and limit their use to its intended purpose. Follow proper local, state and federal regulations for proper installation and operation requirements.

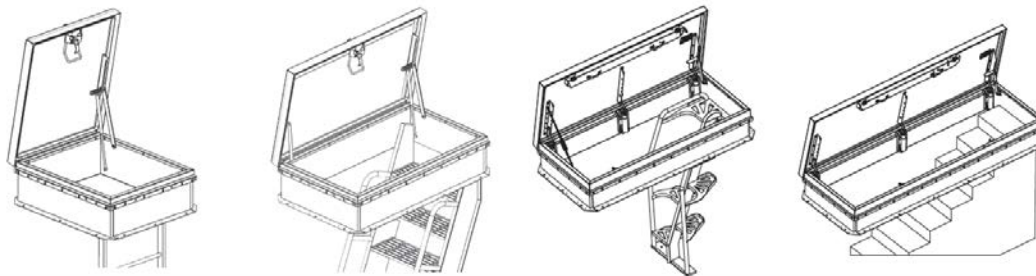
Transportation + Storage

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

Application Note

- Roof hatches are intended for commercial building applications. Because condensation may occur as a natural result of humidity levels and temperature variations between indoor and outdoor temperatures, residential type applications are not recommended.
- The exterior of the roof hatch will have a label with an arrow that says EXIT THIS SIDE. The arrow will point to the intended location of the top of the ladder, ship stair, alternating tread or service stair

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- Roof hatch products may be installed on a flat or sloping roof with up to a 3:12 pitch. When installed on a slope, the hinge side should run parallel with the slope.



Ladder

Ship Stair

Alternating Tread

Service Stair

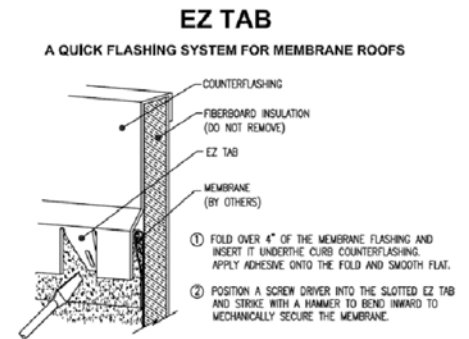
EXIT THIS SIDE ↓

Roof hatch

products may be installed on a flat or sloping roof with up to a 7:12 pitch. When installed on a slope, the hinge side should run parallel with the slope.

1. Place the roof hatch over the existing opening in the roof. The roof rough opening dimensions are equal to hatch dimensions as measured from the inside curb to inside curb. For example, a 36" x 30" fixed ladder access hatch, will have a roof rough opening of 36" x 30".
2. The roof hatch curb flange comes with two (2) types of mounting holes to accommodate multiple fastening methods practiced and accepted at a local level.
 - a. Mark the pre-drilled 5/8" diameter holes from the mounting flange through to the roof deck or a concrete curb. Drill roof deck or concrete curb for installation of anchors or other fasteners (provided by others). Bolt or otherwise fasten roof hatch curb flange to roof deck using 3/8" or 1/2" bolts with washers.
 - b. Mark the pre-drilled 3/16" diameter holes from the mounting flange through to the roof deck, typically into a built-up wood fane curb. Fasten roof hatch curb flange to faming using roofing nailers and/or screws, recommended size #10.

3. Mark the pre-drilled 5/8" diameter holes from the mounting flange through to the roof deck or a concrete curb. Drill roof deck or concrete curb for installation of anchors or other fasteners, provided by others. Bolt or otherwise fasten roof hatch curb flange to roof deck using 3/8" or 1/2" bolts with washers.
4. Install roofing material up to and surrounding the roof curb, and under the counterflashing at the top of the curb. Use the EZ tab feature as described below to provide additional mechanical support to hold and secure roofing membrane. Lap and seal all joints in roofing material to provide a weather-tight seal.



OPERATION

Note: Larger hatches, especially hatches that are over 72" in length, may need two people to ensure proper closure.

MAINTENANCE

- Roof hatches should be manually operated once a year to check performance.
- Lubricate moving parts such as hinges and latches with a silicone spray lube as required to maintain a smooth opening and closing of the door. Do not use regular lubricating oil as it can attract dust and grit.
- Non-moving parts can be cleaned with a mild soap or dishwashing detergent and water solution.
- Gaskets can be cleaned with a clean, damp, lint-free cloth. Do not apply mineral oils, vinyl dressings, or other lubricants to the gasket as they can cause the gasket to break down over time.
- Please contact manufacturer for technical support questions and/or replacement parts such as turn handles, latches, padlock hasp provisions, external hinges, gas spring(s) and a locking hold open arm.

Follow the maintenance instructions to ensure the long life of the product. Contact Nystrom for information on replacing damaged parts.



PARTS LIST

Part Number	Description
RHP11-KIT-HOA	Hold Open Arm Kit
RHP11-KIT-HANDLE	Interior and Exterior Turn Handle Kit
RHP11-KIT-SPRING	Gas Spring Kit
RHP11-KIT-GASKET	10 Feet Gasket
RHP11-KIT-CATCH	Latch Catch Kit
RHP11-KIT-HINGE	Hinge Kit

QUESTIONS?

For more information on installation, repair or replacement, please visit www.nystrom.com.