

Perimeter Air Return Access Door

Model(s): BPAR



GENERAL DESCRIPTION



Perimeter Air Return (PAR) Access Doors are designed and built for years of convenient and easy access to critical mechanical systems in commercial, industrial, institutional, and residential buildings.

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.

Introduction + Safety

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

Transportation + Storage

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

Preparation

- Locate the packing slip(s) and/or shop drawings.
- Verify that all products listed on the packing slip are included in the package.
- Check the products for damage. If products are damaged, report a freight claim immediately and leave the products in their packaging. If you sign for products without reporting damage, you waive your right to a freight claim and will be responsible for their replacement cost.
- Read the instructions thoroughly before beginning installation.



Great Products. Better Partners.

Babcock-Davis is a leader in roof hatches, smoke vents and safety railings for the commercial roofing market. We also manufacture architectural access and safety-related building products for commercial structures. Babcock-Davis provides local connections through a broad distribution network to accelerate and simplify the building process for contractors and building owners, offering hassle-free services including access to technical experts, REVIT tools for BIM, HPDs for LEED v4, 3-part specifications and AIA-accredited continuing education courses.

Tool List

- Screwdriver
- Keyhole saw
- Fasteners
- Drill

Preinstallation

1. Install a framed opening at specified location of access door. See **Figure 1**
2. Rough opening dimensions should be 1/4" larger than catalog size of door. Example: 12" x 12" door, rough opening should be 12-1/4" x 12-1/4".
3. Install drywall and cut opening for the access door.



Figure 1

INSTALLATION

1. For larger doors and/or installations where the frame cannot be accessed from the back, removing the door is recommended. To remove the door, start at the top of the door and squeeze the two knurled knobs together, then pull the door away. Repeat, as necessary. Reverse these steps to reinstall the door. See **Figure 2**
2. Place the access frame into the opening. The flange should seat firmly against wall.

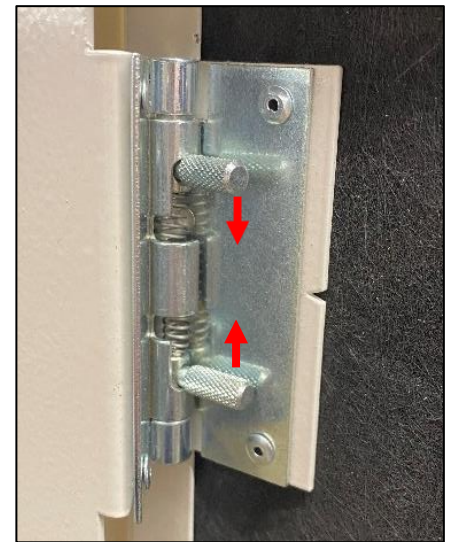


Figure 2



Great Products. Better Partners.

Babcock-Davis is a leader in roof hatches, smoke vents and safety railings for the commercial roofing market. We also manufacture architectural access and safety-related building products for commercial structures. Babcock-Davis provides local connections through a broad distribution network to accelerate and simplify the building process for contractors and building owners, offering hassle-free services including access to technical experts, REVIT tools for BIM, HPDs for LEED v4, 3-part specifications and AIA-accredited continuing education courses.

- Square up the frame in opening and secure hinge side first. With the door removed, install fasteners through 1/4" mounting holes. See **Figure 3**

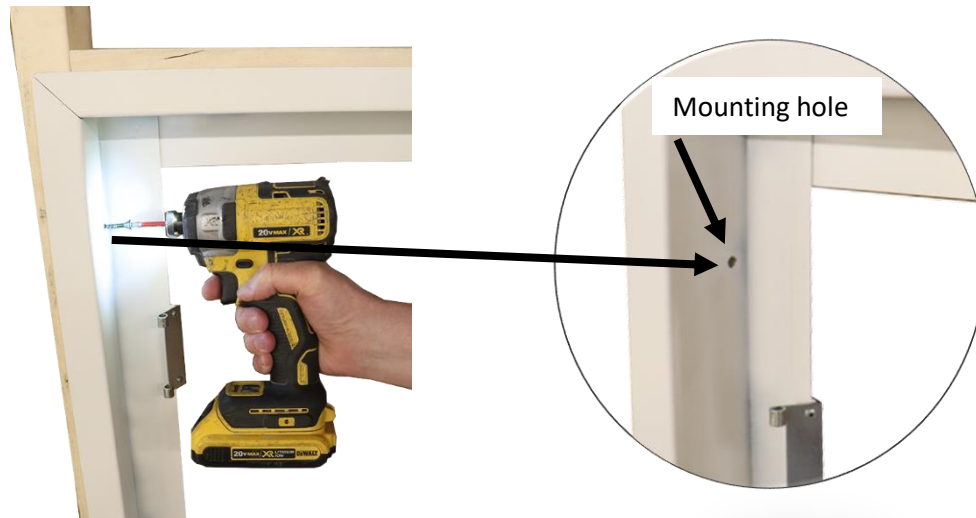


Figure 3

- Square up latch side and secure with fasteners.
- Secure remaining two sides. See **Figure 4**

OPERATION

Access doors are designed and built for years of dependable wall and ceiling access. Our access doors come standard with a white powder-primer coat finish.

The basic components for door operation include latching and locking mechanism and hinges:

Latch: A magnetic latch is standard. Other latch options include:

- Screwdriver cam latch
- Key operated cam lock



Figure 4



Great Products. Better Partners.

Babcock-Davis is a leader in roof hatches, smoke vents and safety railings for the commercial roofing market. We also manufacture architectural access and safety-related building products for commercial structures. Babcock-Davis provides local connections through a broad distribution network to accelerate and simplify the building process for contractors and building owners, offering hassle-free services including access to technical experts, REVIT tools for BIM, HPDs for LEED v4, 3-part specifications and AIA-accredited continuing education courses.

MAINTENANCE

- Access doors 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 over grease. Do not use regular lubricating oil as it can attract dust and grit.
- Non-moving parts may be cleaned with a mild soap or dishwashing detergent and water solution.



Great Products. Better Partners.

Babcock-Davis is a leader in roof hatches, smoke vents and safety railings for the commercial roofing market. We also manufacture architectural access and safety-related building products for commercial structures. Babcock-Davis provides local connections through a broad distribution network to accelerate and simplify the building process for contractors and building owners, offering hassle-free services including access to technical experts, REVIT tools for BIM, HPDs for LEED v4, 3-part specifications and AIA-accredited continuing education courses.