

GENERAL DESCRIPTION

Model(s): RA, RW, RP



Access Doors are designed and built for years of convenient and easy access to mechanical areas in commercial 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 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.

Tool List

- Screwdriver
- Fasteners / Screws
- Level
- Tape Measure
- Keyhole saw
- Drill
- Safety glasses & gloves

PREINSTALLATION

All Models

1. A framed opening is required. **Figure 1.**
2. For the best results, make sure your frame is square and level.
3. Opening dimensions should be 1/4 inch larger than catalog size of door. **Figure 2.**
 - Example: a 12" by 12" door, opening should be 12-1/4" x 12-1/4".



Figure 1

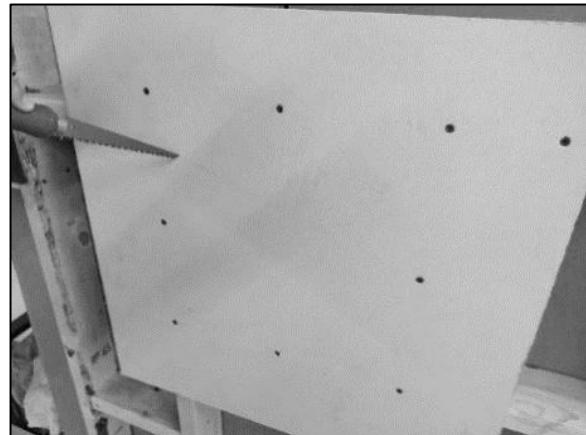


Figure 2

Note: If a keyed cam lock has been furnished, install lock after installation is complete. Each door has a pre-punched hole in the face of the door to accept the lock. When installed properly, the head of the lock will sit flush with the finish surface.

INSTALLATION

RW Series (drywall bead)

1. Place door in framed opening and mark location of attachment on studding using holes in the frame on the latch and hinge sides of the door as guides.
2. Remove door from framed opening and drill pilot holes through studs at points marked for attachment hole.
3. Place door into position and fasten to framed opening using drywall screws. **Figures 3 and 4**
4. Check door for freedom of movement. If it binds, shim to remove any racking of frame at attachment points.
5. Install 5/8" drywall into face of door using standard construction adhesive. Allow ample time for adhesive to cure.
6. Drywall bead flange should butt firmly against drywall.
7. To secure access door and minimize the risk of cracks developing, run drywall screws through drywall bead.
8. Tape and mud flange and face of door to a smooth finish.



Figure 3



Figure 4

RA Series (no flange)

1. Place door in framed opening and mark location of attachment on studding using holes in the frame on the latch and hinge sides of the door as guides.
2. Remove door from framed opening and drill pilot holes through studs at points marked for attachment hole.
3. Place door into position and fasten to framed opening using drywall screws. **Figures 3 and 4 (above)**

4. Check door for freedom of movement. If it binds, shim to remove any racking of frame at attachment points.
5. Install 5/8" drywall or acoustic tile into face of door using standard construction adhesive. Allow ample time for adhesive to cure. Drill hole through drywall or acoustic tile to access the screwdriver cam latch(es).

RP Series (Plaster Bead)

1. Place door in framed opening and mark location of attachment on studding using holes in the frame on the latch and hinge sides of the door as guides.
2. Remove door from framed opening and drill pilot holes through studs at points marked for attachment hole.
3. Place door into position and fasten to framed opening using drywall screws. **Figures 3 and 4 (above)**
4. Check door for freedom of movement. If it binds, shim to remove any racking of frame at attachment points.
5. Install access door before plastering.
6. Plaster up to exterior of frame and plaster face of door until flush with surrounding plaster surface.

OPERATION

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

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

Latch: Screwdriver operated cam latch is standard. Other latch options include:

- Key operated cam lock
- Pinned hex-head

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.

QUESTIONS?

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