



Milcor™ Series VALVE – Steel Versatile Valve Box

For Drywall, Masonry or Tile Walls

Milcor™ Access Door Installation and Maintenance Instructions

These are recommended guidelines. Locally accepted and/or mandated practices and procedures should be followed to ensure the long-term durability and operation of the Milcor™ Access Doors installed into the various types of construction systems.

Handling and Unpacking

1. Handle with care during transport and installation to ensure against bending or racking of the access door.
2. Remove all packaging and inspect access door unit for damage.
3. Open and close door panel, operate lock mechanism to confirm proper operation.

Installation in Drywall Wall Construction

1. Cut an opening in the wall surface material that is 5/8" more than the nominal dimensions of the valve box size. Install appropriate framing to the opening per local building and fire code regulations. **Example: If installing a 12" x 12" access door, the rough opening dimensions in the wall or ceiling should measure 12 5/8" x 12 5/8".**
2. Insert the valve box into the prepared opening.
3. Open the valve box door using the provided key to unlock the door's cylinder lock.
4. With the valve box frame seated tight against the wall surface on all four sides, use appropriate screws to fasten through the holes on the inside of the valve box at the hinge side first. Confirm that valve box unit is plumb, level and square prior to final fastening. Secure the remaining three sides of the frame.
5. The valve box is now ready for optional post finishing.

Installation in New Masonry Wall Construction

1. Identify the location for the valve box unit as the masonry wall is being constructed.
2. Provide an opening in the wall material that is 5/8" more than the nominal dimensions of the valve box size. Install appropriate framing and finish material in the opening per local building and fire code regulations. **Example: If installing a 12" x 12" valve box, the opening dimensions in the wall should measure 12 5/8" x 12 5/8".**
3. The valve box unit is not a structural element. Provide necessary structural support for wall above head of access door unit.
4. Insert the valve box into opening. Masonry anchors should be inserted into horizontal mortar joints between masonry courses.
5. As the masonry wall is being constructed, confirm that valve box unit is plumb, level, and square.

Installation in Existing Masonry Wall Construction

1. Cut an opening in the wall material that is 5/8" more than the nominal dimensions of the valve box size. Install appropriate framing and finish material in the opening to maintain the fire rating of the wall per local building and fire code regulations. **Example: If installing a 12" x 12" valve box, the opening dimensions in the wall should measure 12 5/8" x 12 5/8".**
2. The valve box unit is not a structural element. Provide necessary structural support for wall above head of access door unit.
3. Remove mortar in joints where required to allow for insertion of masonry anchors.
4. Insert valve box unit into opening. Confirm that valve box unit is plumb, level, and square.
5. Refill joints at masonry anchors with mortar to secure unit.
6. The valve box unit is now ready for optional post finishing.

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Operation:

1. The basic components for valve box door operation include; locking (keyed cylinder lock) and hinges.
2. Use a provided key to unlock the cylinder lock.

Maintenance:

This unit is an access door of corrosion-resistant construction and should be regularly inspected and maintained. Access doors should be manually operated annually to check performance.

1. Lubricate moving parts, hinges, latches, with a silicone spray lubricant 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.
2. Clean non-moving parts with a mild soap and water solution. For access doors that have received a non-factory finish in the field, i.e. paint, refer to finish manufacturer's cleaning instructions.
3. Clean gaskets with a clean, damp, lint-free cloth. Do not apply mineral oils, vinyl dressings, or other lubricants to the gasket. This can cause the gasket to break down over time.
4. If any questions arise during the operation or maintenance of the products, please feel free to contact technical support at:

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