

SECTION 08 31 00
ACCESS DOORS AND PANELS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Wall and ceiling mounted access units.
- B. Attic Access Panels

1.2 SUBMITTALS

- A. Product Data: Provide sizes, types, finishes, hardware, scheduled locations, and details of adjoining work.

PART 2 PRODUCTS

2.1 ACCESS DOORS AND PANELS ASSEMBLIES

- A. Attic Access Panel
 - 1. Size: 22" x 30"
 - 2. Description: Door consists of 16 gauge cold rolled steel frame with galvanized steel drywall taping bead flange attached at all four sides. Provide continuous concealed cold rolled piano type hinge with stainless steel pin. Flush-mounted, key-operated cam. Door to have baked-on rust-inhibitive gray prime finish ready for field painting. Provide perimeter weatherstripping gasket.
 - 3. Access doors in fire rated ceilings and floors or roof assemblies shall be B-Label and have UL 1.5 hour rating for both door and frame.
 - 4. Attic access panels are required to have the same insulation value as the remainder of the attic. Install rigid insulation to the back of the access door to achieve the necessary value.
 - 5. Install OSB attic insulation barrier around the hatch for containment of blown-in cellulose insulation.
- B. Attic Draft Stop Doors
 - 1. Size: 22" x 30" minimum
 - 2. Provide spring hinges.
- C. Access Door Locations
 - 1. It is each contractor's responsibility to assure access to concealed traps, shock absorbers, valves, dampers, junction boxes, splices, fittings, and other items requiring periodic maintenance or inspection. Access is not to be installed where piping or other items by other contractors will render them inaccessible.
 - 2. Access doors are not necessarily indicated on the drawings for purpose of clarity. Contractors are responsible for providing acceptable access to all equipment installed.

3. Access doors in fire rated ceilings and floors or roof assemblies shall be B-Label and have UL 1.5 hour rating for both door and frame.

2.2 WALL AND CEILING MOUNTED ACCESS UNITS

A. Manufacturers:

1. ACUDOR Products Inc: www.acudor.com/#sle.
 - a. Fire-Rated Ceiling-Mounted Units - 2 Hours or Less: ACUDOR FWC-5015.
 - b. Ceiling-Mounted Units: ACUDOR GFRG - R.
2. Cendrex, Inc: www.cendrex.com/#sle.
 - a. Attic Draft Stop Units: Cendrex DRD.
3. Nystrom, Inc: www.nystrom.com/#sle.

B. Wall and Ceiling Mounted Units: Factory fabricated door and frame, fully assembled units with corner joints welded, filled and ground flush; square and without rack or warp; coordinate requirements with type of installation assembly being used for each unit.

1. Material: Steel.
2. Minimum Size: 24" x 24" (except fire rated panels)
3. Door Style: Single thickness with rolled or turned in edges.
4. Frames: 16 gauge, 0.0598 inch, minimum thickness.
5. Double-Skinned Hollow Steel Sheet Door Panels: 20 gage, 20 inch, minimum thickness, on both sides and along each edge.
6. Insulation: Non-combustible mineral wool or glass fiber.
7. Units in Fire-Rated Assemblies: Fire rating as required by applicable code for fire-rated assembly that access doors are being installed.
8. Steel Finish: Primed.
9. Hardware:
 - a. Hardware for Fire-Rated Units: As required for listing.
 - b. Hinges for Non-Fire-Rated Units: 175-degree stainless steel piano hinge hinges with concealed constant force closure spring type..
 - c. Latch/Lock: Cylinder lock-operated cam latch, two keys for each unit.
 - d. Inside Latch Release: Mechanism that allows door/panel to be opened from inside.
 - e. Gasketing: Extruded neoprene, around perimeter of door panel.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that rough openings are correctly sized and located.

3.2 INSTALLATION

- A. Install units in accordance with manufacturer's instructions.
- B. Install frames plumb and level in openings, and secure units rigidly in place.
- C. Position units to provide convenient access to concealed equipment when necessary.

END OF SECTION