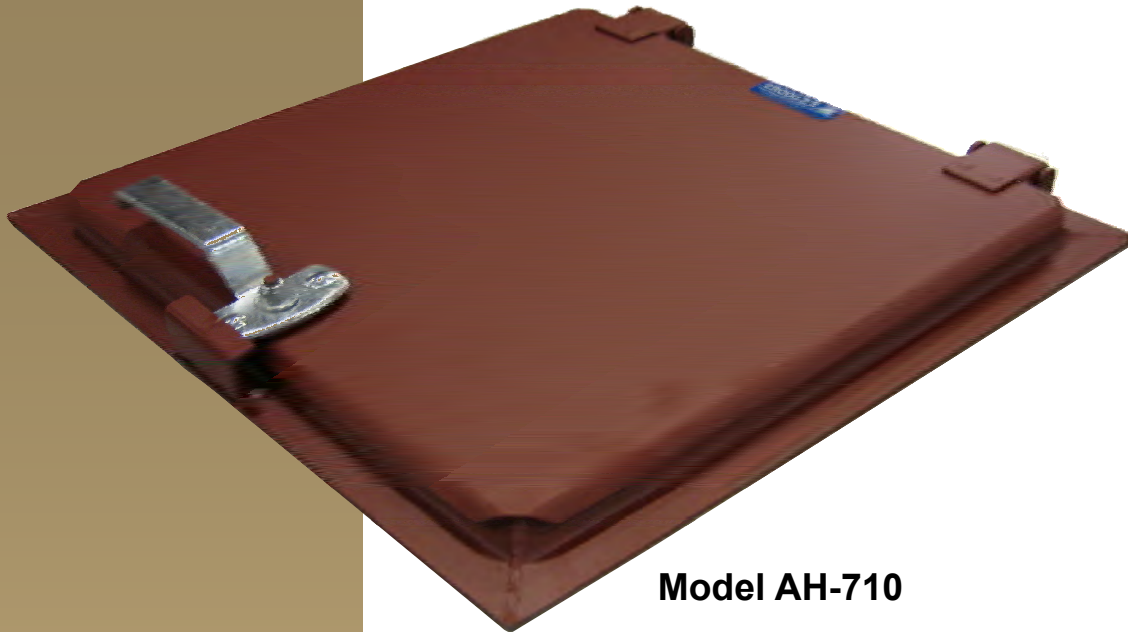


industrial door solutions.
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ACCESS HATCH / INSPECTION DOOR



Model AH-710

The **Access Hatch / Inspection Door** has been designed to provide a quick to install, rugged, and economical access hatch / inspection door for virtually all industrial needs. The KC Supply AH710 Access Hatch is available in standard and custom sizes, and frame profiles to fit your application, equipment, and need.

If there is any place in your organization where you need to have easy access, KC Supply can work with you to design and manufacture an access hatch that fits your custom needs.

The flanged frame allows for bolt or weld-in-place installation. To ensure hatch lid seals, to control dust and debris, we factory install gasketing along the full perimeter of the openings.

The Quarter-Turn Mechanical Latch with positive detent provides solid latching capabilities and is designed to have adjustable tension to ensure a positive closure.

Application Use

- ▶ Power Plants
- ▶ Mining Operations
- ▶ Agricultural Processing
- ▶ Refineries
- ▶ Industrial Facilities
- ▶ Belt Cleaner Inspection
- ▶ Blade Change Outs

Quick Facts

- ▶ 1/4 Turn Mechanical Latch, Positive Detent
- ▶ Low Profile Frame - No benching of materials
- ▶ Provides Access to Material Flow and Mechanical Parts
- ▶ Flanged Frame— Sheds Fines
- ▶ Weld or Bolt Installation

Standard Features

- ▶ Large Handle for Easy Operation
- ▶ Mild Steel or Stainless Steel construction.
- ▶ Stocked Sizes Available for Quick Shipping
- ▶ EPDM Gasket Material
- ▶ Non-handed, latches in any Installation Configuration.

Benefits

- ▶ One Hand Operation
- ▶ No Tools Required to Gain Access
- ▶ Customizable
- ▶ Economical



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ACCESS HATCH / INSPECTION DOOR

STANDARD HATCH

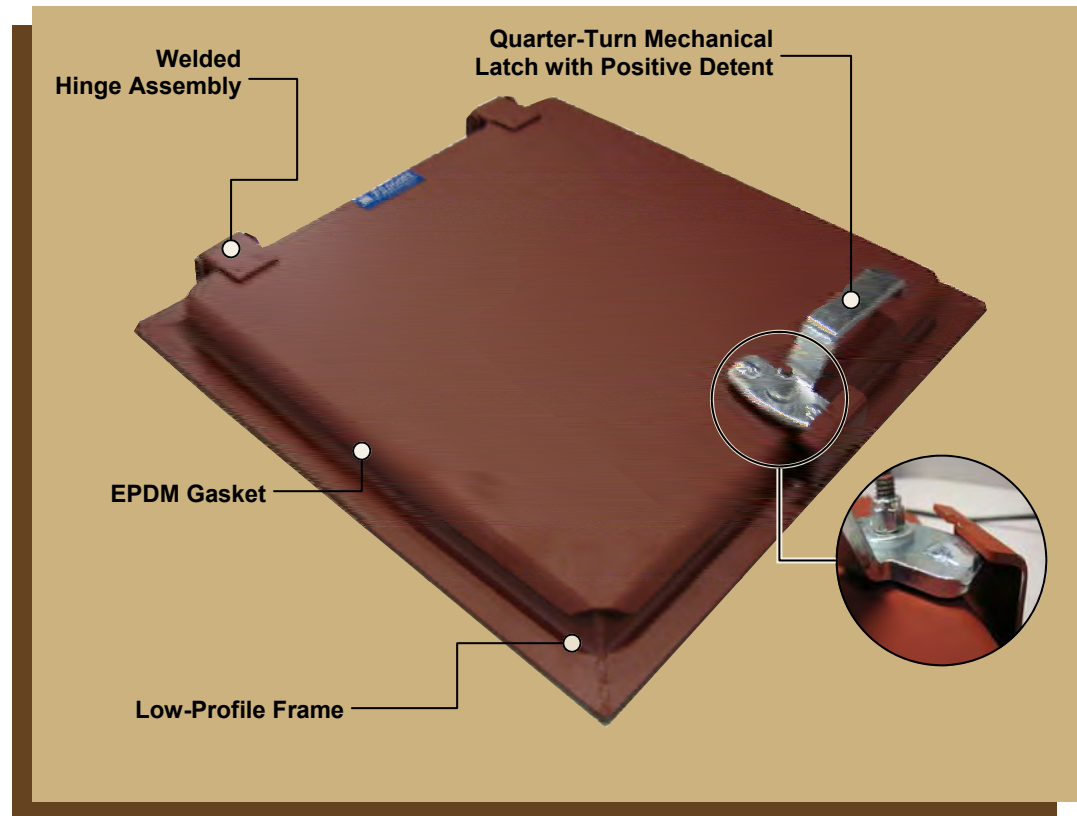
The Standard Access Hatch boasts one of the lowest profile hatch frames on the market. This low profile is additionally enhanced with the 45 degree angle formed into the frame which does not allow material to build-up, which is a hazard in many industries.

The flanged frame allows for bolt or weld in place installation. To ensure the hatch lid seals to control dust and debris, we factory install gasketing along the full perimeter of the openings. This gasketing is attached to the lid so it is out of the way when you are accessing the hatch opening, and the seal is field replaceable.

The Quarter-Turn Mechanical Latch with positive detent provides solid latching capabilities. As with all of our products we have anticipated the variables of industrial use and designed the latch to have adjustable tension to ensure a positive closure.

One of the major benefits of our products is our industrial experience and, as always, our ability to modify one of our existing products or fully design a new product for your specific application or problem.

Don't waste your time and money building your own hatches, let us give you what you want, when you want it.



Product to be as per **KC Supply's** standard specification and design for the **Access Hatch**, including:

- a. **Door Panel** to be 10-gauge formed steel.
- b. **Hinges** to be, at a minimum, 11-gauge formed steel welded in place. A minimum of two (2) pivot hinges per access hatch are provided.
- c. **Frame** to be 7-gauge furnished as one piece. Frame to be designed for minimum profile interior ledge to reduce debris buildup.
- d. **Standard Dust-seal** to be EPDM seal, factory applied to perimeter of door panel. Seals to be field replaceable.
- e. **Finish** on all exposed surfaces to be one (1) shop coat of standard shop primer.
- f. **Latches** to be rigid, quarter turn mechanical latch. Latch is field adjustable and reversible. Provide the appropriate number of latches per size of door.
- g. **Materials:** Mild Steel, Stainless Steel (Type: 304-2b, 316 and 316L available). Consult factory.



ACCESS HATCH / INSPECTION DOOR



Hatch Frame Profiles



Standard Low Profile Frame



High Neck Frame for Special Applications



Frame with radius cut-out for Curved Surfaces

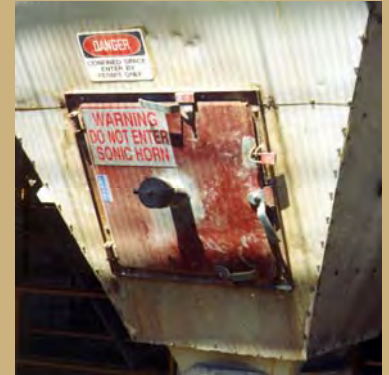
STOCKED SIZES	SHIPPING WEIGHT
12" X 12"	22 lbs.
12" X 18"	28 lbs.
16" X 16"	31 lbs.
24" X 24"	58 lbs.

STANDARD SIZES	SHIPPING WEIGHT
Any size from 6" x 6" in 2" increments.	Based on Size Requested

CUSTOM SIZES	SHIPPING WEIGHT
Custom Sizes Are Any Sizes That Fall Out of the Standard and Stocked Categories	Available Upon Request

GASKET TYPE	TEMPERATURE
Standard Seal	250° F
HI-TEMP Silicone	450° F
HI-TEMP Fiberglass Rope	1000° F

Custom Applications



Access Hatch Modified to Accept Sonic Horn For a Bulk Solid Material



Standard Access Hatches With Hasp Locking Device.



Standard Access Hatches on a Paddle Mixer



Larger Access Hatch for Personnel Access

CUSTOM DESIGN AVAILABLE



If you need a special design access hatch or inspection door, and you don't see exactly what you need here, be sure to give us a call. We design and manufacture many unique "one-off" product for various customers.

Don't settle for off-the-shelf, if you need something else.

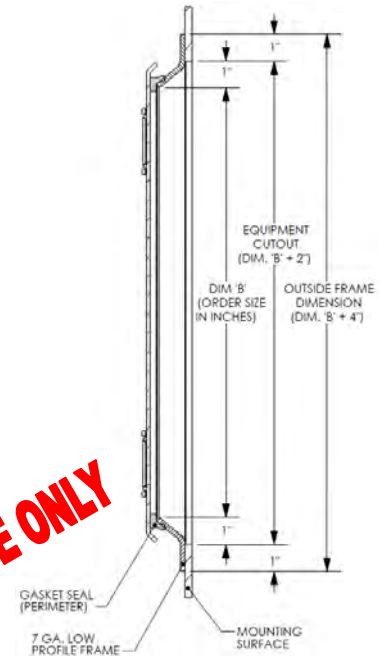
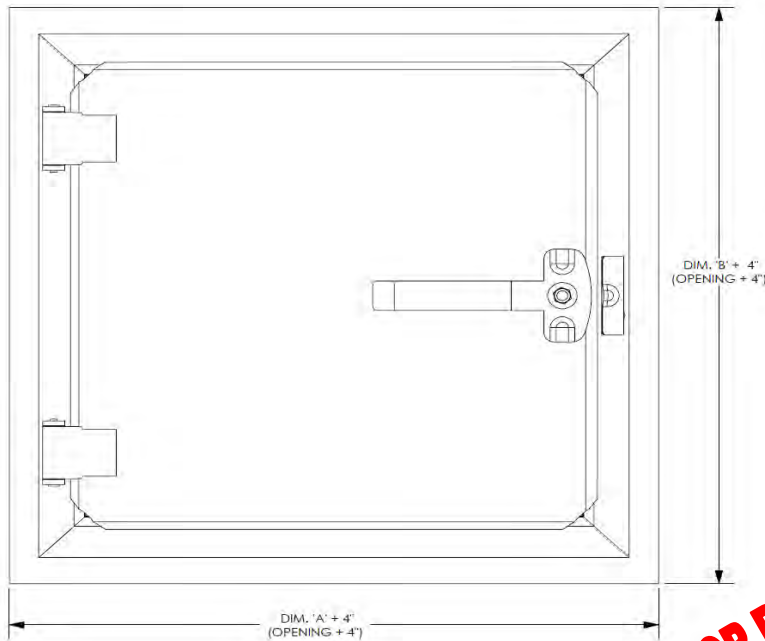




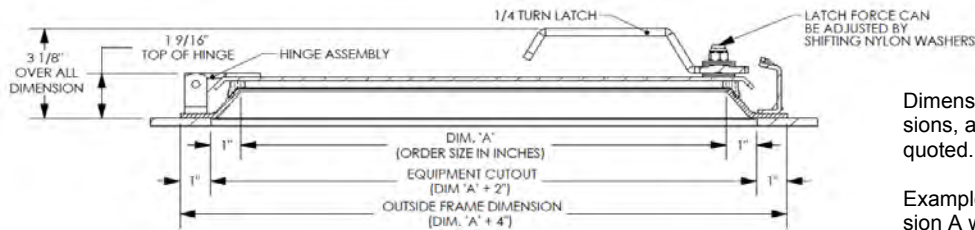
ACCESS HATCH / INSPECTION DOOR



DIMENSIONAL LAYOUT



FOR REFERENCE ONLY



Dimension A and Dimension B, or the opening dimensions, are the dimensions of the access hatch you will be quoted.

Example: If you wanted a 12"X18" access hatch, Dimension A would be 12" and Dimension B would be 18".