

# IMTEC DUCT DOORS (SINGLE & DOUBLE)



## OVERVIEW

Boiler Tube Company of America/Imtec has been manufacturing Access Doors for the power industry since 1984. We have over 20,000 units installed and have experience in all areas of the power plant from the boiler to the stack.

Imtec's duct doors are available in three different styles: uninsulated, insulated and double doors with various operating temperatures from 400 degrees to 1000 degrees.

The FLEXISEAL doors have one or more yokes with closing screws that act on center point(s) of the door. This flexes the door plate toward the interior and assures a tight seal with the gasket. When opening the door, special safety features in the latch and screw mechanism(s) will assure that the latch pin cannot be removed easily until the door plate with its gasket is safely retracted from the sealing surface on the frame plate, thereby revealing any dangerous internal pressure and also preventing damage to the gasket.



## FEATURES/BENEFITS

### Common

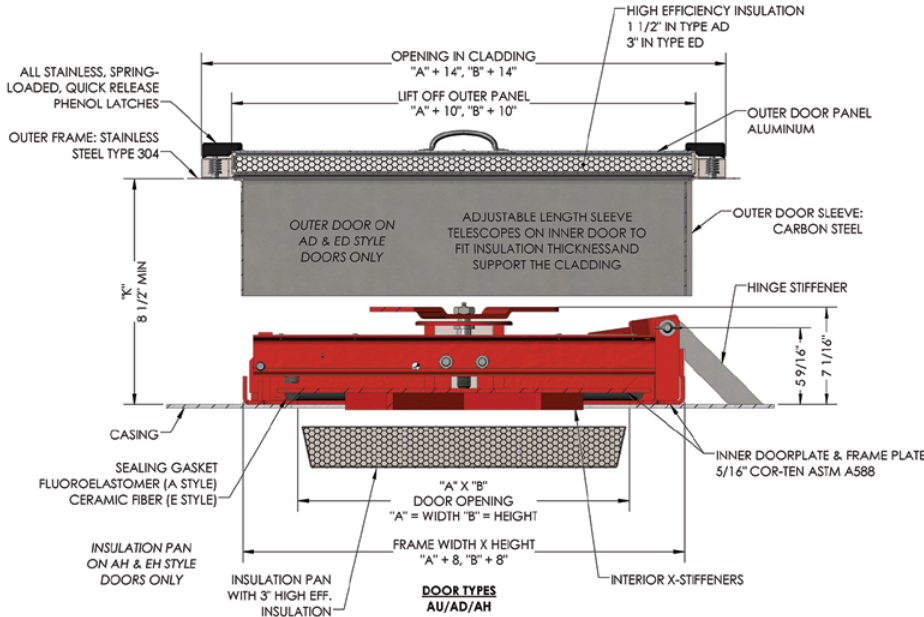
- Safety mechanism impedes release of the latch on a door with pressure
- Open & close in seconds without tools
- Adequate sizes for easy entry
- Safety latch prevents injury and entrapment
- Flush inside and outside - no material build-up
- Heavy, durable, dependable design
- Quick, easy installation - new or retrofit
- All stainless fasteners

### Special Features

- Larger than 90 degree swing angle
- Outer door hinges
- Ability to lock door in open position
- Door stops
- Key interlock provisions
- Safety chains
- Replace hinges with davit arms

### Double Door Benefits

- Prevents acid condensation
- Flush design, no material build up
- Easy installation
- No tools needed for removal
- Larger swing angle available if more than 90 degrees is required
- Personnel protection



For further information on Boiler Tube Company of America/Imtec's patented (US 5,158,043, US 4,574,973, US 4,685,586, US 6,412,221, US 7,389,610. Other patents pending) Single and Double Duct Doors, please contact:

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DOOR TYPE	AU	EU	AH	EH	AD	ED
Typical Applications	Uninsulated areas, Ash Hoppers and Vessels, Casing etc.	Uninsulated areas with temperatures above 400°	Heated Precipitator Penthouses etc. with hot air or non-corrosive gases & interior insulation	Hot air ducts with interior insulation	Precipitator, Baghouses, and Flue Gas Ducts with Acid, Corrosive Gases and Exterior insulation	Economizers, Hot air ducts, Air heaters, Bypasses with Exterior insulation
Operating Temperature	400°F	1000°F	400°F	1000°F	400°F	850°F
Max. Excursion	600°-700°F	1100°F	600°-700°F	1100°F	600°-700°F	1050°F
Door Size (W x H)	Standard Sizes (Others Available) #	Standard Sizes (Others Available) #	Standard Sizes (Others Available) #	Standard Sizes (Others Available) #	Standard Sizes (Others Available) #	Standard Sizes (Others Available) #
18" x 24"	AU-1824.X-1V 160	EU-1824.X-1C 160	AH-1824.3-1V 190	EH-1824.3-1C 190	AD-1824.X-1V+1.5R 240	ED-1824.X-1C+3M 260
18" x 30"	AU-1830.X-1V 180	EU-1830.X-1C 180	AH-1830.3-1V 220	EH-1830.3-1C 220	AD-1830.X-1V+1.5R 260	ED-1830.X-1C+3M 290
24" x 24"	AU-2424.X-1V 170	EU-2424.X-1C 170	AH-2424.3-1V 200	EH-2424.3-1C 200	AD-2424.X-1V+1.5R 240	ED-2424.X-1C+3M 270
24" x 30"	AU-2430.X-1V 210	EU-2430.X-1C 210	AH-2430.3-1V 250	EH-2430.3-1C 250	AD-2430.X-1V+1.5R 300	ED-2430.X-1C+3M 330
24" x 32"	AU-2432.X-1V 230	EU-2432.X-1C 230	AH-2432.3-1V 270	EH-2432.3-1C 270	AD-2432.X-1V+1.5R 320	ED-2432.X-1C+3M 360
24" x 36"	AU-2436.X-2V 290	EU-2436.X-2C 290	AH-2436.3-2V 340	EH-2436.3-2C 340	AD-2436.X-2V+1.5R 390	ED-2436.X-2C+3M 420
24" x 48"	AU-2448.X-2V 330	EU-2448.X-2C 330	AH-2448.3-2V 400	EH-2448.3-2C 400	AD-2448.X-2V+1.5R 450	ED-2448.X-2C+3M 480
30" x 60"	AU-3060.X-2V 420	EU-3060.X-2C 420	AH-3060.3-2V 520	EH-3060.3-2C 520	AD-3060.X-2V+1.5R 600	ED-3060.X-2C+3M 640

**SAFETY<sup>3</sup> PEOPLE. POWER. PROJECTS.**

We're giving safety the third degree.

Babcock Power Inc. and its subsidiaries place the safety, health and security of our people at the core of our company values. Our team is our most valuable resource, generating solutions everyday to deliver safe, clean, reliable energy globally. With a keen focus on safety, Babcock Power Inc. conducts business in a manner that protects our people, our customers and the environment. From innovation to generation, we are proud of our award-winning safety record and are committed to operating with integrity and excellence.

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