

## ADWT **SPECIALTY DOORS** Airtight/Watertight

## Application

• This access door is ideal for use in laboratories, clean rooms, operating rooms, etc. where an airtight/watertight seal is required

## **Product Features**

- ADWT is a flush access door that has been tested for air infiltration, exfiltration and water penetration
- Door and Frame fully welded
- Continuous Bulb Trim Gasket
- Continuous Stainless Steel Piano Hinge
- Air Infiltration : Leakage  $\leq$  0.01 cfm/sq foot at 6.27 psf ASTM E 283/E283M-19
- Water Penetration : No leakage at 15.04 psf ASTM E 331-00(2016)

## **ADWT Access Door Specifications:**

Door / Door Frame: Flush to frame with reinforced edges

Stainless Steel or Steel: 16 gauge door; 16 gauge mounting frame Hinge: Continuous exposed stainless steel piano hinge

Gasket: Continuous Bulb Trim Seal

Standard Latch: Stainless Steel phillips head screws standard Optional Latches/Locks: stainless steel allen head screws,

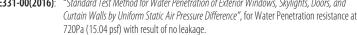
stainless steel spanner head screws, torx, cylinder lock & key

Finish: Steel: 5-stage iron phosphate preparation with prime coat of White alkyd baking enamel OR

Stainless Steel: Type 304 - #4 satin polish



| ASTM E283/E283M-19 | <b>!83/E283M-19</b> : "Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows,<br>Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen", for<br>Infiltration & Exfiltration at 300Pa (6.27 psf) with result of maximum leakage ≤ 0.1 |  |
|--------------------|--|--|
|                    | L/s/m <sup>2</sup> (0.01 cfm/ft <sup>2</sup> )   |  |
| ASTM E331-00(2016) | "Standard Test Method for Water Penetration of Exterior Windows, Skyliahts, Doors, and   |  |

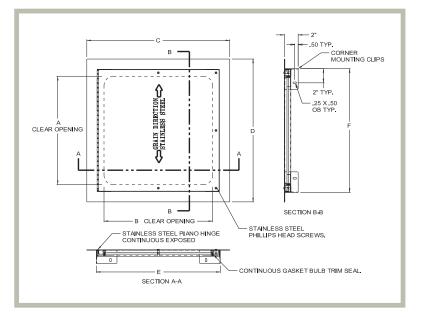




(other sizes available upon request)

| Nominal Door Size W&H |            | Weight per Door |      |
|-----------------------|------------|-----------------|------|
| inches                | mm         | lbs.            | kg.  |
| 12 x 12               | 305 x 305  | 8               | 3.6  |
| 14 x 14               | 355 x 355  | 11              | 5    |
| 18 x 18               | 457 x 457  | 15              | 6.8  |
| 24 x 24               | 610 x 610  | 22              | 10   |
| 24 x 36               | 610 x 914  | 29              | 13.1 |
| 30 x 30               | 762 x762   | 32              | 14.5 |
| 30 x 48               | 762 x 1219 | 44              | 20   |
| 36 x 48               | 914 x 1219 | 52              | 23.5 |

Wall or ceiling opening is W + 3/8'' (9 mm) For detailed specifications see submittal sheet



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