

# 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:** "Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen", for Air Infiltration & Exfiltration at 300Pa (6.27 psf) with result of maximum leakage  $\leq 0.1$  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, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference", for Water Penetration resistance at 720Pa (15.04 psf) with result of no leakage.

#### ADWT STANDARD SIZES

(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 x 762	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

