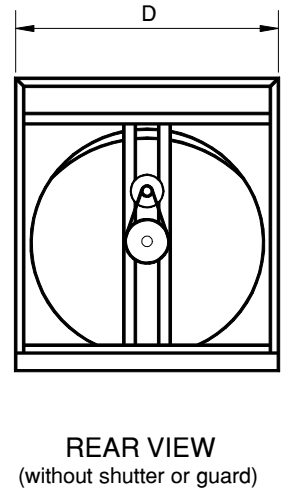
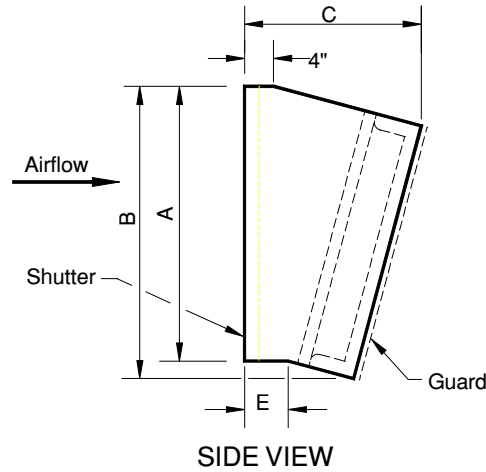


**365GBTF • 481GBTF**

**Each Housing includes:**

- 1 - Top Panel
- 1 - Left Side Panel
- 1 - Right Side Panel
- 1 - Bottom Panel
- 1 - Wire Mesh Guard:  
 365GBTF = 40" sq.  
 481GBTF = 52" sq.
- 1 - Hardware Package (HP1041) including:  
 38 - #10 x 1/2" TEK Screws  
 16 - 1/4" x 1" TEK Screws  
 12 - 1.2"L. Guard Mounting Clips



**NOTE:** This housing is designed to mount the fan with a shutter on the air inlet side. The guard provided must be attached to the air outlet side.

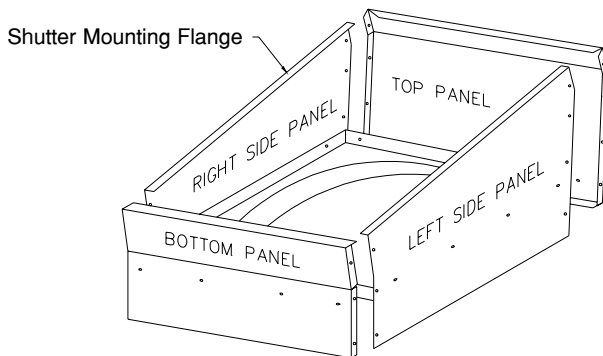
| CAT. NO. | FAN DIA. | A                                | B   | C                                | D                                | E  | WALL OPENING<br>(I.D., framed)               |
|----------|----------|----------------------------------|-----|----------------------------------|----------------------------------|----|--|
| 365GBTF  | 36"      | 44 <sup>3</sup> / <sub>8</sub> " | 47" | 26 <sup>1</sup> / <sub>2</sub> " | 42 <sup>1</sup> / <sub>4</sub> " | 7" | 43" W. x 45" H.                              |
| 481GBTF  | 48"      | 56 <sup>3</sup> / <sub>8</sub> " | 59" | 30"                              | 54 <sup>1</sup> / <sub>4</sub> " | 5" | 55" W. x 57 <sup>1</sup> / <sub>4</sub> " H. |

**INSTALLATION INSTRUCTIONS**

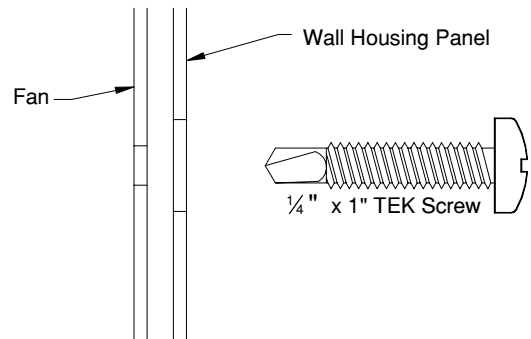
**⚠ WARNING**

**ROTATING FAN BLADES.**  
 Operation of fan without wire screens or guards may result in direct contact with blades and cause severe personal injury or death.

- 1) Remove housing panels and fan from shipping cartons.
- 2) Place fan on (2) 2x4's (on edge) with air inlet side up (propeller down).
- 3) Locate bottom of fan and attach Bottom Housing Panel using (3) or (4) 1/4" x 1" TEK Screws (1 per hole). *See Figures 1 and 2.* Note that the Bottom Panel must tilt outward, away from the fan. **DO NOT** tighten screws at this time.
- 4) Attach Left and Right Side Panels in a similar manner. These panels should overlap the small flange at each side of the Bottom Panel. *See Figures 1, 2 and 3.* The front and back flanges on each side panel must turn inward, as shown in *Figure 1.* **DO NOT** tighten screws at this time.

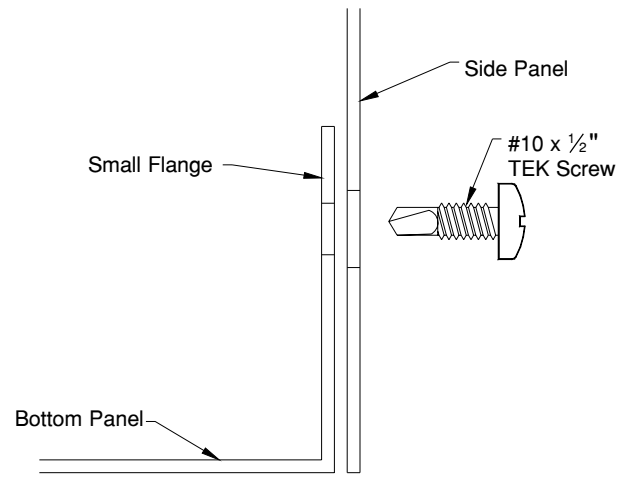


*Figure 1*

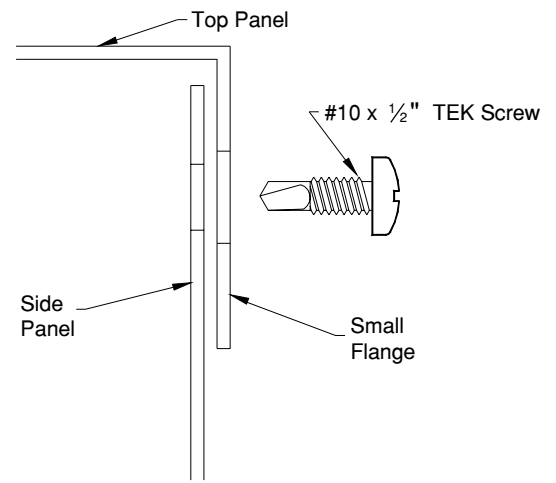


*Figure 2*

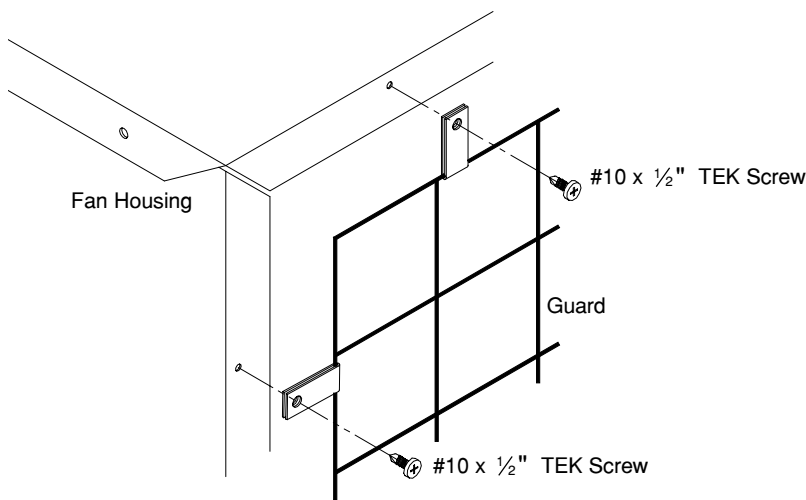
- 5) Attach the Top Panel in a similar manner. The small flanges at each side of the Top Panel must overlap the Left and Right Side Panels. *See Figures 1, 2 and 4.* **DO NOT** tighten screws at this time.
- 6) Join housing panels together using #10 x 1/2" TEK screws, (3) or (4) at each corner. *See Figures 3 and 4.* The TEK screws must pass through the larger hole first, then screw into the smaller hole. Tighten these screws fully.
- 7) Tighten all of the screws holding the fan in the housing.
- 8) Slide fan and housing into framed wall opening. See table on page 1 for correct wall opening size.
- 9) Secure housing to wall using 1/2" dia. lag screws or #14 tapping screws. These screws are not provided.
- 10) Add flashing and/or caulk around completed housing on exterior side of building wall.
- 11) Make electrical connections to fan motor per instructions provided with fan or as shown on motor.
- 12) Attach wire mesh guard to housing outlet using mounting clips and #10 x 1/2" TEK screws, 3 clips per edge. Fold clips in half before installing. *See Figure 5.*
- 13) Insert shutter into housing and secure it in place using #10 x 1/2" TEK screws (12 total). Gently push shutter blades open by hand, checking for smooth operation. Housing installation is now complete.



*Figure 3*  
BOTTOM CORNERS



*Figure 4*  
TOP CORNERS



*Figure 5*

**WARRANTY:** See Aerotech, Inc. Limited Warranty Statement