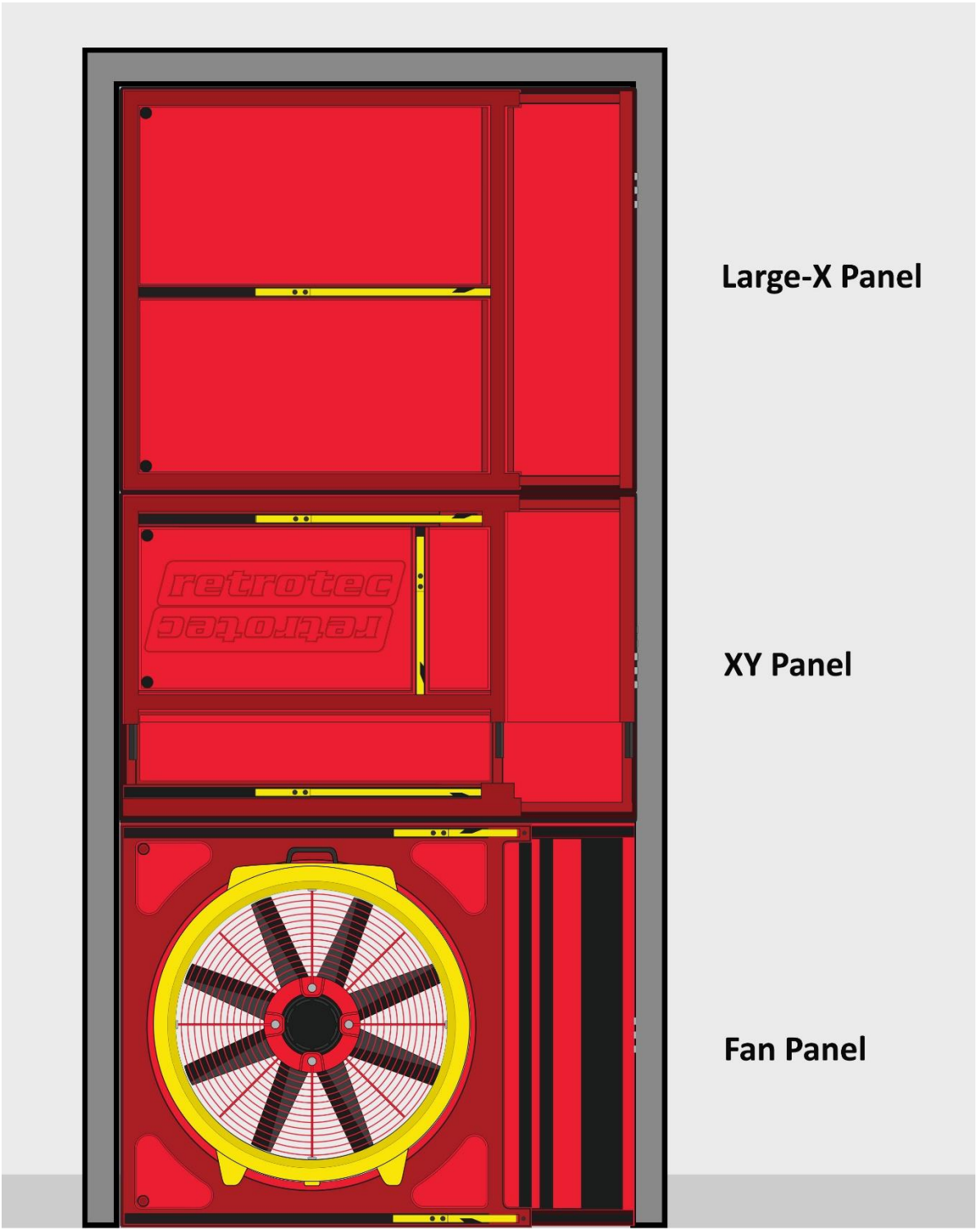
QuickGuide-Modular Door Panel



Fill-in Sheet

1. Secure the door in the open position

1.1 Select a doorway, between 32" to 48.75" in width, and 76.5" to 87" in height.

1.2 The door must be held open securely during testing.

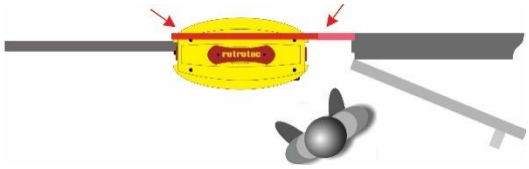
2. Determine panel placement

2.1 Install the modular door panels on the opposite side of the door frame from the door.

2.2 Orient the panels so that the panel extends towards the door hinges.

Install panel in the door frame, opposite from door.

Extending portion of panel.



3. Unpack door panels from the case

3.1 Remove the modular panels from the case, as needed.

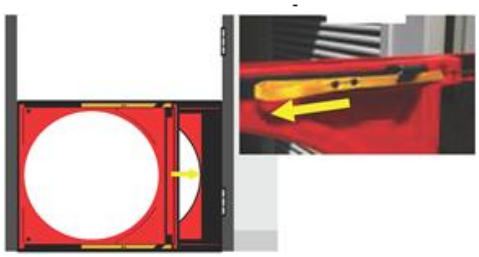
3.2 The set includes the Fan panel, a fan strap, two fan panel filler sheets, an XY panel, and a Large-X panel.

3.3 Optional Small-X panels are also available for over-height doors exceeding 87 inches (221 cm).

4. Install the fan panel

4.1 Place the fan panel in the bottom position, extending towards the hinges.

4.2 Pull the yellow straps firmly to tighten. With tension still applied, hook the strap into the cleat.

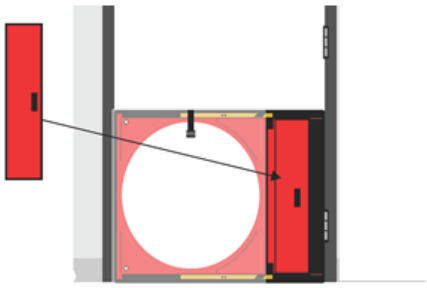


Note: Use the cleat, not the Velcro to hold the strap. Tug on the panel to see if it's secure.

5. Install the filler sheet and strap

5.1 Place the appropriate filler sheet to cover any gap that is created by extending the fan panel. Press the sheet firmly to seal.

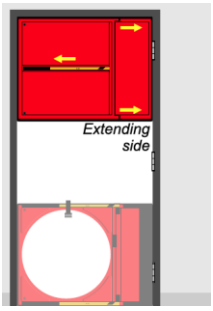
5.2 Loop and attach the fan strap around the top-center of the panel.



6. Install the large X panel

6.1 Using the same technique as you did for the fan panel, install the Large-X panel into the top position of the doorway.

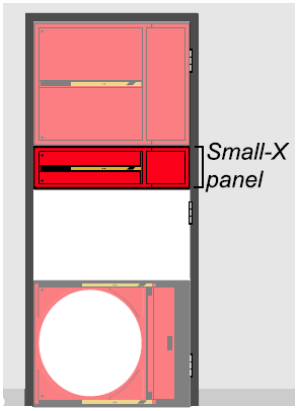
6.2 Be certain to orient the panel to expand towards the door hinges.



Tip: All panels and expanders should face the same direction.

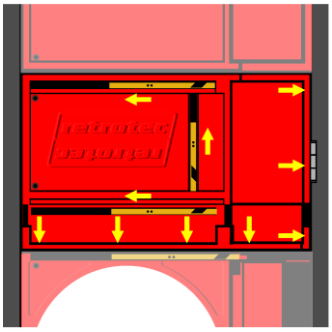
7. Install optional Small-X panel

7.1 If the door opening exceeds 87 inches in height, order and install an optional Small-X panel directly below the large-X panel.



7.2 As an alternative, you may also carefully apply grill mask to seal small gaps between panels.

8. Place the XY panel in position



8.1 Loosen all straps on the XY panel and extend the two expanders to close the vertical and horizontal openings.

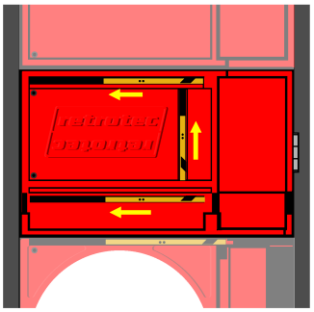
8.2 Loosely pull and hook the vertical and horizontal straps into the cleats to hold them in position.

9.1 Add tension to the XY panel expander straps.

9. Pull all the XY panel straps tight

9.2 Tighten the vertical expander strap first.

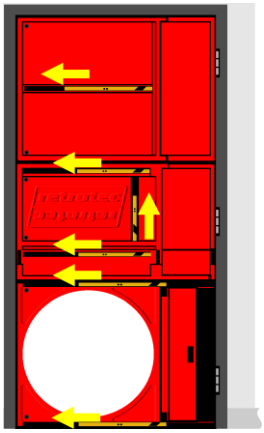
9.3 Then tighten the two horizontal expanders.



10. Tighten all panel expander straps

10.1 Check to ensure the expander straps on all panels are tight.

10.2 Panels should be tight enough to remain securely in place

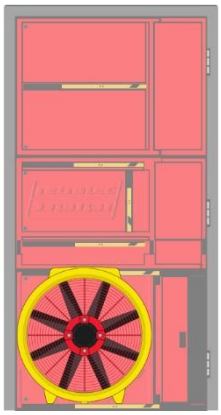


Note: Once the Fan panel fill sheet is installed, it is difficult to tension the fan panel.

11. Unpack and orient the fan

11.1 Lift the fan from its case and orient it for the test.

11.2 If the fan needs to be installed with the range plates facing away from the user, ensure that the desired range is set before installing the fan.



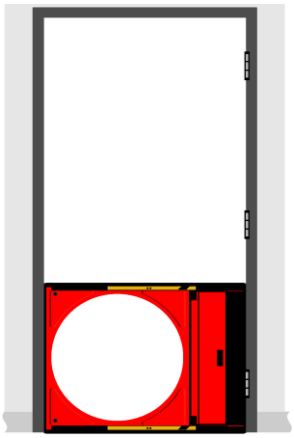
12. Install the fan and attach the fan strap

12.1 Wrap the Velcro fan strap around the fan handle. Align the fan with the opening and insert into the hole in the fan panel.

12.2 Fasten the metal hook to the panel to secure the fan in place.

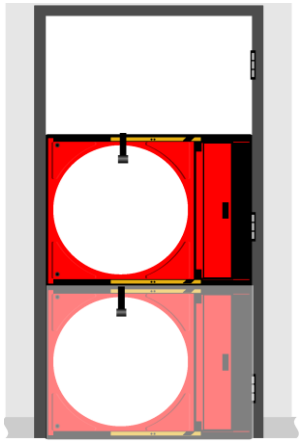
13. Use Two Fans with a Second Fan Panel

13.1 Two fans can be used with the Modular panels by installing a second fan panel.



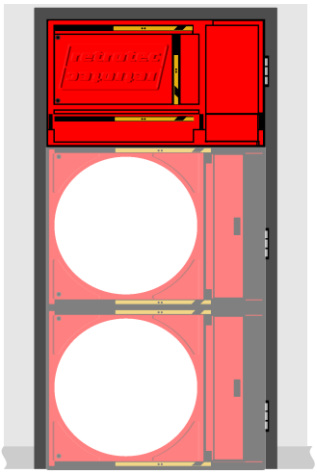
13.2 Begin by installing the first fan panel and filler sheet..

13.3 Attach a fan strap to both fan panels.



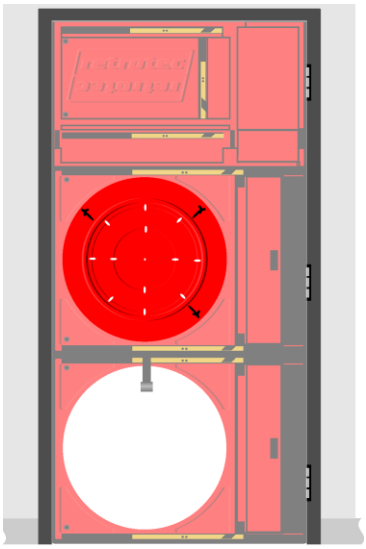
13.4 Install a second fan panel directly above the first one.

13.5 Use the XY panel to fill the remaining gap.



14. Using the Field Calibration Plate

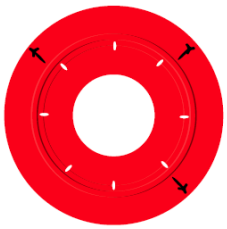
14.1 The field calibration plate is used to check the accuracy of the test system.



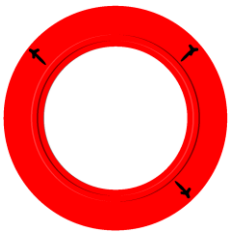
14.2 To install the calibration plate, fit the plate in the fan hole, and slide the black knobs towards the edge of the plate.

14.3 Twist the knobs to lock them in place.

14.4 The smallest hole in the calibration panel measures 50 square inches. To remove the small panel, twist the four white clips until the small panel can be removed.

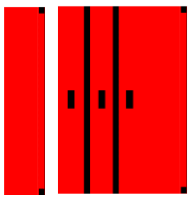


14.5 The second hole in the calibration panel measure 144 square inches. Twist the eight white clips to remove.



15. Filler Sheet Options

15.1 Depending on the width of the doorway, select the correct filler sheet to cover the extending side of the fan panel.



15.2 The expandable filler sheet can be expanded to fit three different sizes.