GREENHECK

Part number 469133

Installation Instructions for On-Site Testing and Adjustment of Pressure Relief Door

The design elements of your particular HVAC installation may create velocity pressures that will affect the operation of this Pressure Relief Door. These elements include:

- size, speed, and design of the fan
- proximity of the pressure relief door to the fan or damper
- configuration of the ductwork
- airflow dynamics at the location of the pressure relief door

Because of these variables, it is imperative that this door be tested in place, and the latch adjusted as needed.

To adjust the pressure setting of the magnetic latch to a higher pressure, loosen the set screw and move the latch away from the hinges. Conversely, to adjust the pressure setting of the latch to a lower pressure, move it closer to the hinges.

In some cases, it may be necessary to remove the slotted latch-mounting bracket, reverse it end-for-end, and re-mount it onto the door frame in order to extend the range of the adjustable magnet.

Although the magnet is sized for a predetermined pressure range, the door is usable outside of this range by replacing the magnet with one having more or fewer magnetic bars. If such a magnet is needed for your application, contact A.J. Manufacturing.

The box below shows the approximate relationship between latch distance and air pressure for different door sizes:

Door Size (in inches)	Magnet size	Distance to equal approximately 1 inch wg
10 x 10	1-bar	1/2 inch
10 x 10	2-bar	3/8 inch
12 x 12	1-bar	1/2 inch
12 x 12	3-bar	1/4 inch
18 x 18	5-bar	3/8 inch
18 x 18	10-bar	3/16 inch
24 x 24	5-bar	1/2 inch
24 x 24	10-bar	1/4 inch

GREENHECK
P.O. Box 410 • Schofield, WI 54476-0410 • 715.359.6171 • greenheck.com