WEATHERSTRIPS & THRESHOLDS
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Automatic Door Bottom
Part # 430

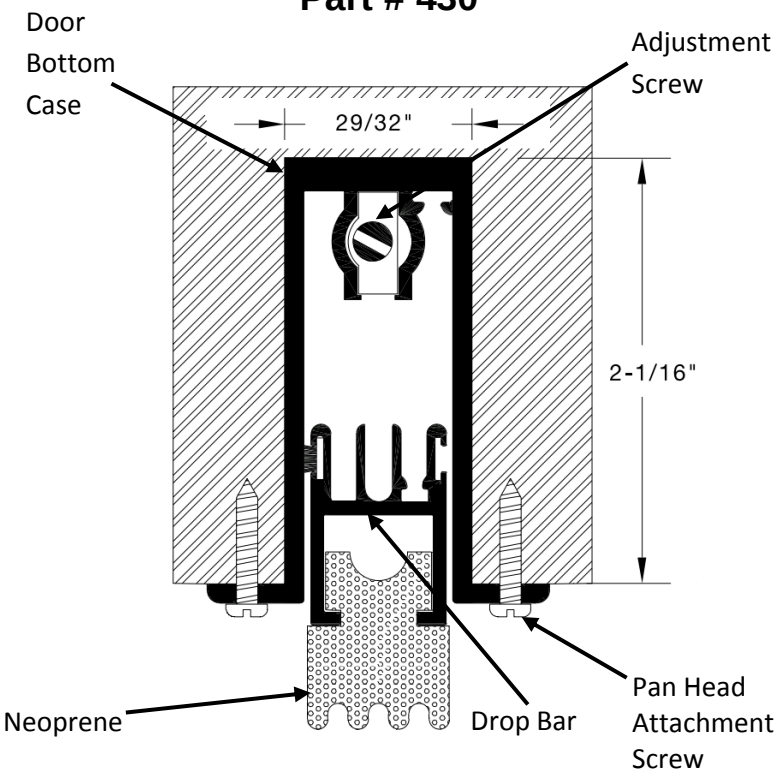
INCLUDED IN PACKAGING:

1 – Flat End Plate

4 – 17x3/4 Nails

6 or 8 – 6x5/8 Pan Head Screws

1 – 8x1/2 Flat Head Bumper Screw



WHAT YOU'LL NEED:

Please Note - Maximum Cut Sizes:
24" cannot be trimmed.
36", 42" and 48" can be trimmed up to 3"
All other sizes can be trimmed up to 1".

Maximum Drop 3/4"

ATTENTION: The 430 automatic door bottoms are not designed to seal directly on carpet. For best results, door bottoms should seal on a solid surface. The solid surface should be positioned above the level of the floor covering on either side of the door.

1. Cut a *MORTISE* of 31/32" wide and 2-3/32" deep in the bottom of door. This allows 1/16" clearance for the door bottom.

2. Cut *DOOR BOTTOM* length to 3/16" shorter than the width of the door. Using a sharp saw, hold the door bottom drop bar flush with the end of the case and cut the same amount from the case and from the bar**.** This door bottom is designed to have the drop bar move sideways about 1/8" to 3/16" toward the swinging end of the door.

CAUTION: CUT ONLY THE END OF THE DOOR BOTTOM OPPOSITE OF THE ADJUSTMENT SCREW.

3. Mount *DOOR BOTTOM* using the 6 pan head screws, positioning the adjustment screw at the hinged side of the door. The 3/8" flange should be flush with bottom of the door and the hinge side of the door. NOTE: Door bottom is reversible. Fits right and left-hand doors.

4. Loosen *ADJUSTMENT SCREW* until seal lightly hits floor evenly when the door is closed. Maximum drop 3/4". NOTE: The door bottom drops at the hinged end first so the swinging side of the door can swing freely.

5. Attach *BUMPER SCREW* to the door frame where the adjustment screw makes contact with the frame. This will ensure the door frame doesn't become indented where the adjustment screw hits.

6. Trim *NEOPRENE* insert if necessary. Extra neoprene at the hinged end of the bar can fill space.

7. Operate *DOOR* several times to ensure the gasketing material is properly adjusted so as not to inhibit the door from self-closing and latching.

8. (OPTIONAL): Attach provided *END PLATE* on the lock side of the door and flush with the bottom of the door. Use the nails provided and center the end plate over mortise opening, ensuring fasteners don't obstruct the door bottom casing.

WHAT TO WATCH FOR DURING INSTALLATION:

1. Make sure the drop bar is not pulled down too far when trimming or checking for burrs. Pulling the drop bar down too far can stretch the spring and may damage the operation of the door bottom.

2. When trimmed to length make sure there are no burrs or chips that have fallen into the case.

3. Case is not collapsed or pinched so the drop bar can't come down. The drop bar must move freely. You should be able to have the drop bar go up and down with your finger. Make sure the door is routed evenly at the size required (31/32").

4. Mounting screws are in straight; not pressing against case.

5. Clearance under door is not greater than 3/4".

6. The automatic door bottom works on a pivot system. The adjustment screw hits the hinge side of the door frame making the drop bar come down on the hinge side - when the drop bar comes in contact with the floor, threshold or some hard surface it pivots the bar so that the latch or strike side of the drop bar will come down. Make sure the adjustment screw is adjusted correctly.

Meets UL10B, UL10C Category J Meets CAN4-S104-2010
17L5 9903
Positive Pressure Tested Gasketing Materials for Fire Doors. Intended for Application to/with listed steel frames and/or classified steel covered composite, hollow metal type fire doors rated up to 3 hours, wood and plastic covered composite type fire doors rated up to 1-1/2 hours, and wood core type fire doors rated up to 20 minutes.