



MANUAL – INSTALLATION

Displacement Flow In-Wall Diffuser

DFW Series

v100 – Issue Date: 02/02/18

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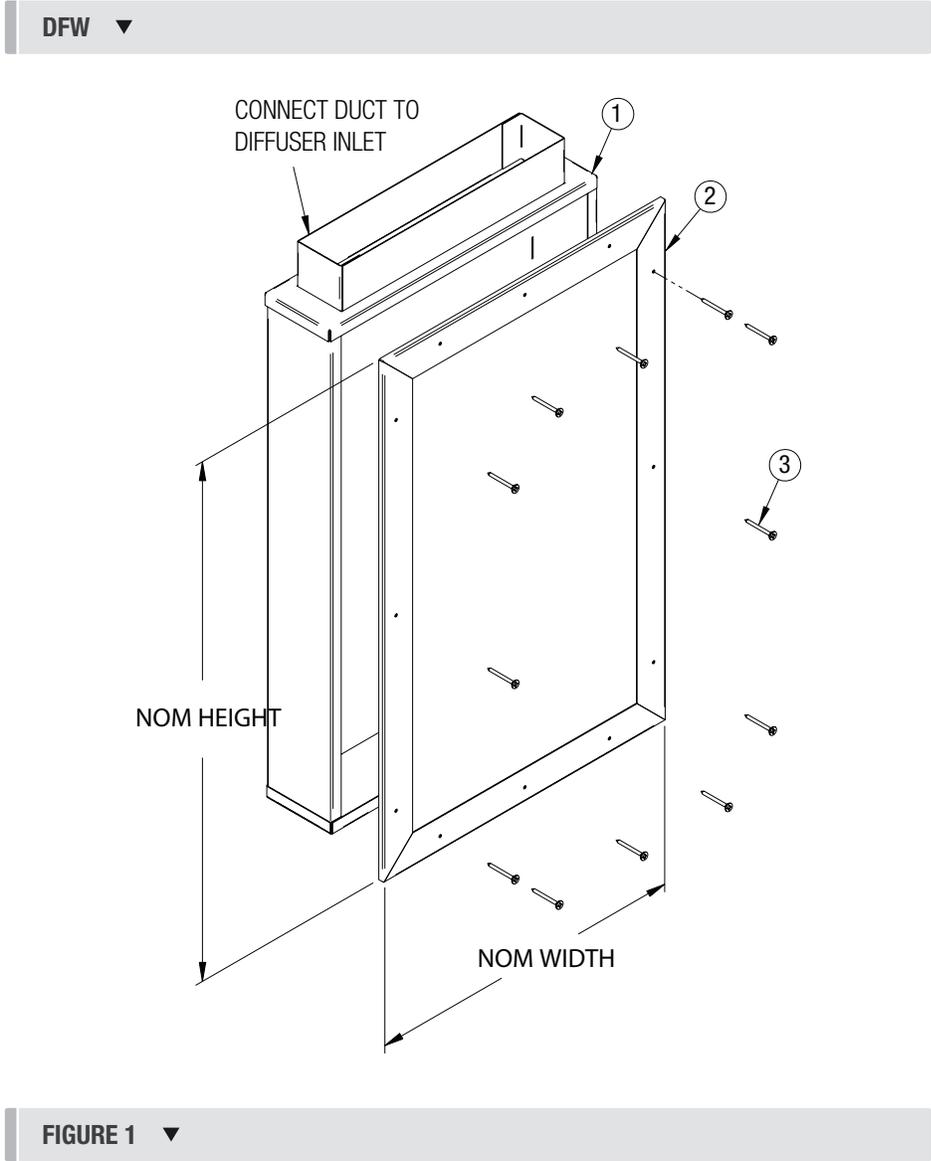
DISPLACEMENT FLOW IN-WALL DIFFUSER

INSTALLATION INSTRUCTIONS

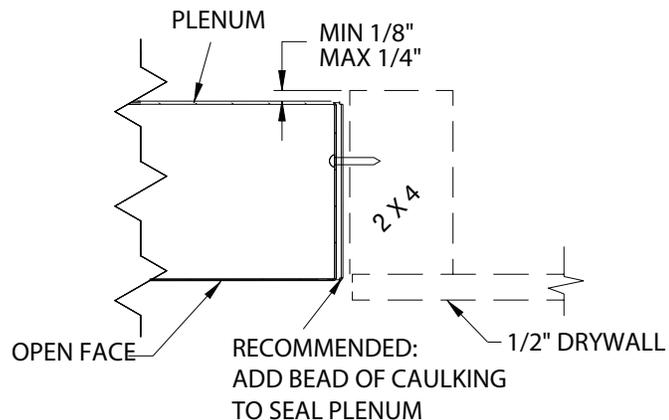
Step-by-Step Instructions

READ INSTRUCTIONS COMPLETELY BEFORE STARTING

1. It is recommended to install the plenum box prior to drywall.
2. When framing an opening for a plenum box, note that the diffuser face overhangs plenum box by 3/8". For example, if in a finished state the diffuser face is required to be mounted 12" above the floor, the bottom of the plenum box needs to be installed 12 3/8" above the floor.
3. Install plenum box (DFW) in the wall opening. Adjust plenum depth such that the plenum protrudes a minimum of 1/8" to a maximum of 1/4" past the face of the wall stud to allow the drywall to butt up against the plenum (Figure 1). Secure plenum in place with screws (supplied by others.)



| Item # | Description |
|--------|-------------|
| 1 | Plenum x 1 |
| 2 | Face x 1 |
| 3 | Screws |



* Screws are shipped loose.

DISPLACEMENT FLOW IN-WALL DIFFUSER

INSTALLATION INSTRUCTIONS

- After the drywall has been installed and finished as required around the plenum, apply a bead of caulking along plenum wall and drywall edge to minimize air leakage.
- Insert the diffuser face into the plenum. Use the supplied screws to mount the diffuser face to the plenum (Figure 3). For units supplied with a secondary baffle see Figure 4 to determine proper baffle orientation.
- NOTE:** Standard screws issued with DFW displacement unit are 3/4" self-drilling. These will work with 1/2" thick drywall. If drywall is thicker than 1/2", a different length screw must be requested at time of ordering.
- Care should be taken not to over tighten the screws (Item 3).

FIGURE 2 ▼

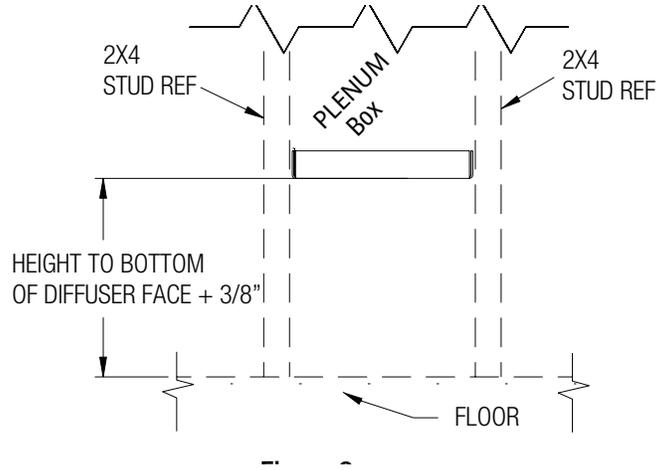


FIGURE 3 ▼

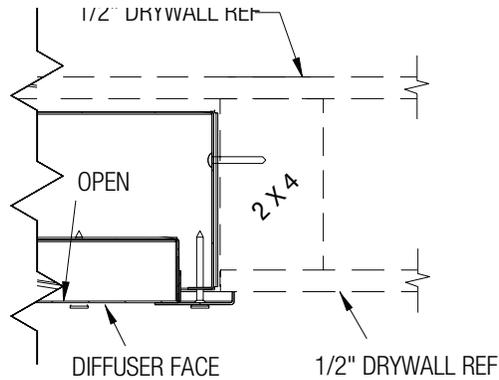


FIGURE 4 ▼

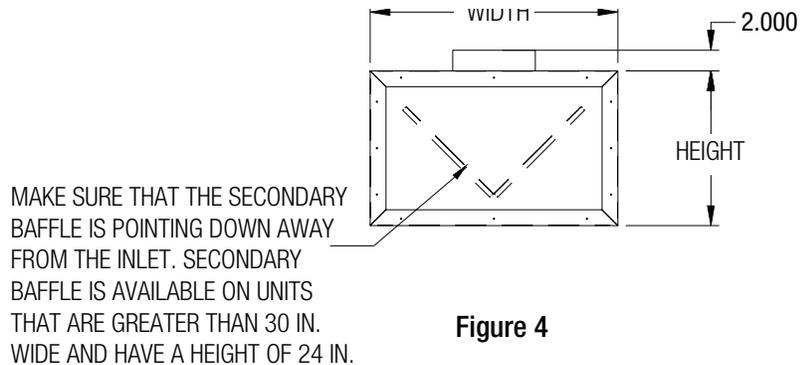


Figure 4

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