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DBX1017FR4
Recessed Vent Receptacle Installation Guidelines & Product Information

INSTALLATION INSTRUCTIONS FOR THE DBX1017FR4 DRYER VENT BOX

THE DBX1017FR4 IS 10" WIDE X 17" TALL X 3.50" DEEP. ***MEETS THE 1-HOUR EQUAL F&T "THROUGH PENETRATION FIRESTOP SYSTEM* REQUIREMENTS.** THIS 3.50" DEEP BOX IS INSTALLED IN 2x4 or 2X6 WOOD OR 6" METAL FRAMING. THE DBX1017FR4 IS POWDER COATED WHITE.

FOR OPTIMUM RESULTS INSTALL THE DBX1017FR4 FOR UP/DOWN VENTING IN 2x4 or 2X6 WOOD or steel studs FRAMING AS FOLLOWS:

BOX INSTALLATION – 16" ON-CENTER SPACING FOR STANDARD FRAMING OR FIRE RATING REQUIREMENT. IT CAN BE INSTALLED IN 24" ON-CENTER IN NON-RATED WALLS.

- ORIENT BOX TO MATCH DESIRED VENTING DIRECTION. ALLOW A MINIMUM OF 2" OF VENT PIPE TO EXTEND INTO THE BOX.
- IF GAS LINE IS TO BE INSTALLED, INSERT INTO KNOCKOUT PROVIDED.
- BOX CAN BE INSTALLED IN ANY LOCATION IN THE STUD CAVITY TO MEET DESIRED POSITION FOR DRYER LOCATION.
- ATTACH BOX TO ONE STUD AND BOTTOM STUD PLATE USING 1 ¼" SCREWS OR NAILS. IF POSITIONING IN THE STUD CAVITY TO ACCOMMODATE A *STACKED* DRYER CONFIGURATION ATTACH BLOCKING BELOW THE BOX AND ATTACH THE BOX TO ONE STUD AND THE BLOCKING.
- IF INSTALLING IN A 1 HOUR "THROUGH PENETRATION FIRESTOP *SYSTEM*" SEE 1 HOUR REQUIREMENTS FOR INSULATION AND OTHER MATERIALS IN THE STUD CAVITY.

INSTALLATION INSTRUCTIONS FOR A 1 HOUR FIRE WALL REQUIREMENT

- To achieve a penetration firestop system rating (one-hour equal F&T) 2" x 6" (50mm x 152mm) **wood or steel framing**, 16" O.C.(406mm) is required. The DBX1017FR4 is to be installed in accordance with the QAI assembly description. Insulation to be minimum R-19 fiberglass batt insulation that is classified as non-combustible as defined by ASTM E136 and CAN/ULC-S114, min thickness 6 inches. Insulation to be installed in all areas including between the stud and dryer vent box. The batt may be split to half the thickness to be able to compress it behind the box. The dryer vent box is 10" wide x 17" high x 3.50" deep with a 1" flange. The dryer vent box is fastened to the stud and sill with 1 ½" screws. The 4" galvanized vent pipe is installed in the opening, sealed with foil tape or caulked at the vent/box interface using one of the following caulks: PFP 4800DW/Hilti FS-ONE MAX/STI LC Endothermic Firestop Sealant/3M Fire Barrier Sealant CP 25WB+ or WF300 Intumescent Firestop Caulk. Type X gypsum wallboard 5/8"complying with ASTMC 1396 is installed on stud face. The cavity containing the Dryer Vent Box shall have a layer of 5/8" Type X gypsum board placed behind the box.

  The gypsum board shall be fastened to two ¾" (19mm) by 1 ½" (38mm) pieces of wood fastened to the stud with wood screws such that the gypsum board will be flush with the 1 ½" (38mm) face of the studs prior to fastening the sheathing. The gypsum board shall be fastened with #6 1 5/8" (41mm) drywall screws.

- Installation for **25-gauge steel framing** is the same as above for the DBX1017FR4 dryer vent box.

  Exception: insulation in the dryer vent box cavity shall be mineral wool thermal insulation in compliance with ASTM C612 Type II, III or IVA. ASTM C612 Type II and III mineral wool insulation must also be non-combustible as defined by ASTM E 136 and CAN/ULC-S114, min 4.0 lb. (64kg/m3) density. A minimum 1" mineral wool board or batt shall be installed behind the Dryer Vent Box including between the box and the stud. In addition, a minimum R-19 fiberglass batt insulation meeting ASTM E 136 and CAN/ULC S-114 shall be installed in the adjacent stud cavities.