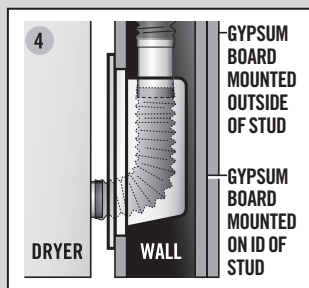
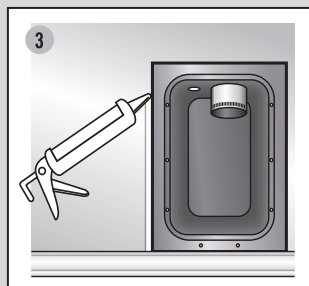
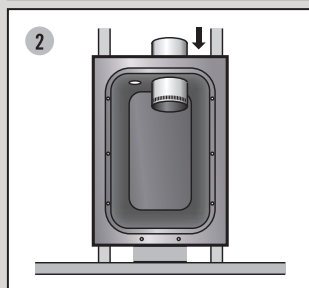
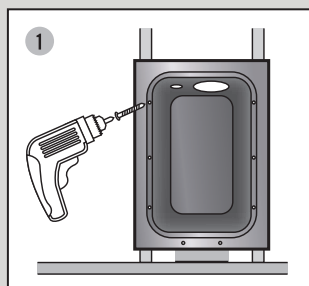


METAL RECESSED DRYER VENT BOX



INSTALLING METAL RECESSED DRYER VENT BOX:

The Metal Recessed Dryer Vent Box can be installed in any direction (up, down or for sideways venting) and once installed, can accommodate stand-alone dryers or dryers that are mounted on a pedestal. Since all standard North American dryers have an exhaust port in the bottom center of the dryers rear panel, it is best to install this product at the bottom plate (as low as possible on the wall it is being mounted on), unless the dryer is stacked over the washer. The Metal Recessed Dryer Vent Box unit must be installed in accordance with the UL Cabinet System Listing, as shown in Item 4.

1.1 Installation of Metal Recessed Dryer Vent Box (on 2 in x 6 in Studs)

Position the Metal Recessed Dryer Vent Box onto 2 in x 6 in studs: use countersunk wood screws to secure the box to the vertical stud and the bottom plate, making sure that the holes center lines are close to the center line of the studs. Do not over tighten the screws as it may deform the Metal Recessed Dryer Vent Box.

1.2 Installation of Metal Recessed Dryer Vent Box For Non-Fire Rated Installation (on 2 in x 4 in Studs)

Position Metal Recessed Dryer Vent Box onto 2 in x 4 in stud. Fur out the wall $\frac{3}{4}$ in using a 1 in x 2 in furring strip to provide adequate depth. Then use countersunk wood screws to secure the box to the vertical stud and the bottom plate, making sure that the holes center lines are close to the center line of the studs. Do not over tighten the screws as it may deform the Metal Recessed Dryer Vent Box.

2. Installing In-Wall Duct Into Metal Recessed Dryer Vent Box

Slide the crimped end of a solid 26 gauge metal duct (4 in diameter) through the 4 in round hole of the Metal Recessed Dryer Vent Box.

3. Installing Drywall

Install drywall around the Metal Recessed Dryer Vent Box, placing the cut drywall underneath the flange of the Metal Recessed Dryer Vent Box. Caulk under and around the Metal Recessed Dryer Vent Box trim with UL Classified intumescent sealant or caulk.

4. 1 Hour Fire Rated Walls & UL Certification

For UL Certification, vent duct to be located on top of box. To achieve a penetration firestop system rating (1 hour F&T) 2 in x 6 in wood framing 16 in on-center is required. To achieve a penetration firestop system rating (3/4 hour F&T) nominal 6 in deep steel stud framing 24 in on-center is required. Use a min 1 x 2 in wood nailing strip with fasteners spaced max 18 in OC, to attach an additional layer of nom 1/2 in thick gypsum board to the inside of the stud cavity. Make sure the additional layer of gypsum board is installed flush with the edge of the studs on the non – penetrated face of the wall. Insert a 4 in steel exhaust pipe through the opening at the top of the Metal Recessed Dryer Vent Box. Using a UL Classified intumescent sealant or caulk, apply a bead of $\frac{1}{4}$ in. to $\frac{3}{8}$ in. caulk around the vent pipe on both the inside and outer side of the box around the circumference of the pipe. Fill the entire wall cavity containing the cabinet and vent pipe and all spaces between the cabinet and adjacent studs and plates with mineral wool thermal insulation in compliance with UL Classified for Fire Resistance or Forming Materials, nominal density minimum 4.0 lb/ft³ (64 kg/m³). The insulation must be tightly packed to fill the stud depth and cavity height. The immediate adjacent wall stud cavities (wall cavities on each side of the cavity containing the cabinet) shall be insulated with min R13 glass fiber batt insulation (or min 4 pcf mineral wool batt material) for the full depth and height of the stud cavity. Refer to UL Fire Resistance Design for details of wall construction. The rigid steel vent duct fitted into the top opening of the Metal Recessed Dryer Vent Box should be a maximum of 4 in (101 mm) diameter and a minimum of 26 gauge rigid steel.

CONTENTS:

(1) METAL RECESSED DRYER VENT BOX



WARNING:
CAUTION, SHARP EDGES

