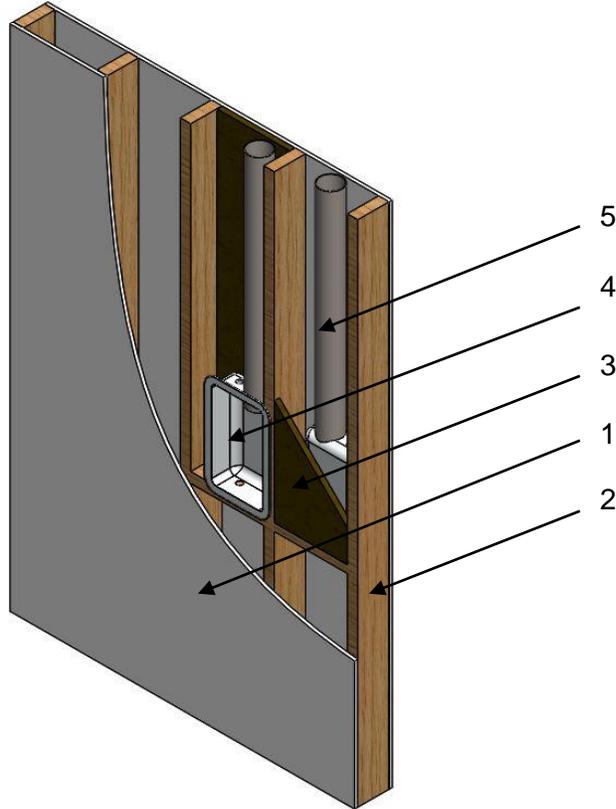


**QAI Listing B1072-1B Construction Solutions  
 Dryer Vent Box  
 CAN/ULC S115, ASTM E814  
 30 Minute Membrane Penetration Assembly  
 Non-Load Bearing**



| No. | COMPONENT    | DESCRIPTION        |  |
|-----|--------------|--------------------|--|
| 1   | Gypsum Board | Type:              | Type X gypsum wallboard complying with ASTM C1396 and labeled by an approved agency.   |
|     |              | Thickness:         | Single layer of 5/8 in. (16 mm) on each face of the wall.  |
|     |              | Application:       | Sheathing is to be fastened to studs with #6 x 1-5/8 in. (41 mm) long coarse thread drywall screws spaced at 8 in. on center. Joints to be taped and mudded, and fastener heads to be mudded.              |
| 2   | Wall Studs   | Stud Type:         | Minimum nominal 2 x 6 in. (38 x 140 mm) wood studs.  |
|     |              | Stud Spaced        | Maximum 16 in. (406 mm) on center.   |
| 3   | Insulation   | Type:              | 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 E136 and CAN/ULC-S114. |
|     |              | Minimum Thickness: | 2 inch (50 mm).  |
|     |              | Nominal Density:   | Minimum 4.0 lb/ft <sup>3</sup> (64 kg/m <sup>3</sup> ).  |

| No.           | COMPONENT  | DESCRIPTION             |  |
|---------------|--|-------------------------|--|
| 4             | Dryer Vent Box   | Certified Manufacturer: | Construction Solutions   |
|               |  | Certified Product:      | DBX1000M 6 in. Construction Solutions dryer vent box kit.  |
|               |  | Box Dimensions:         | 10 in. (254 mm) wide by 17 in. (432 mm) high by 5 in. (127 mm) deep with a 1-1/4 in. (32 mm) flange. A 4-3/16 in. (106 mm) circular cut out for the dryer vent on the top and 1-1/8 in. (29 mm) knockouts on the top and bottom for gas hook up. The box is formed from 22 gauge galvanized steel. |
|               |  | Trim Ring Dimensions:   | 9-7/8 in. (251 mm) wide by 16-7/8 in. (429 mm) high by 1-5/8 in. (41 mm) deep with a 1-5/16 in. (33 mm) flange. The trim ring is made from 25 gauge galvanized steel.  |
|               |  | Sealing:                | PFP 4800DW<br>Hilti FS-ONE MAX<br>STI LC Endothermic Firestop Sealant<br>3M Fire Barrier Sealant CP 25WB+<br>WF300 Intumescent Caulking<br>Foil Tape listed to UL 723  |
| Installation: | The dryer vent box was fastened to the 2 x 6 in. (50 x 152 mm) stud and sill through three holes on each side of the box using #8 x 1-1/2 in. (38 mm) wood screws. The galvanized steel dryer vent is inserted through the top of the box then caulked at the vent/box interface. The opening cut into the gypsum board shall be a maximum of 10-1/2 in. (267 mm) wide by 17-1/2 in. (445 mm) high. Only one box is permitted per stud cavity. |                         |  |
| 5             | Vent Pipe  | Size:                   | 4 in. (101 mm) round.  |
|               |  | Type:                   | 26-gauge galvanized steel.   |

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