### QAI Listing B1072-1A Construction Solutions DBX1000M 4 in. Dryer Vent Box
### CAN/ULC S115, ASTM E814
### 1 Hour Membrane Penetration Assembly
### Non-Load Bearing

**No.** | **COMPONENT** | **DESCRIPTION**
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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$^2$ (64 kg/m$^3$).

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| 4   | Dryer Vent Box | **Certified Manufacturer:** Construction Solutions  
**Certified Product:** DBX1000M 4 in. Construction Solutions dryer vent box kit.  
**Box Dimensions:** 10 in. (254 mm) wide by 17 in. (432 mm) high by 3-1/2 in. (89 mm) deep with a 1-1/4 in. (32 mm) flange. A 3 x 5 in. (76 x 127 mm) oval 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.  
**Caulking:** PFP 4800DW  
**Installation:** The dryer vent box is fastened to the 2 x 6 in. (50 x 152 mm) stud and sill through two holes on the side and bottom 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. |