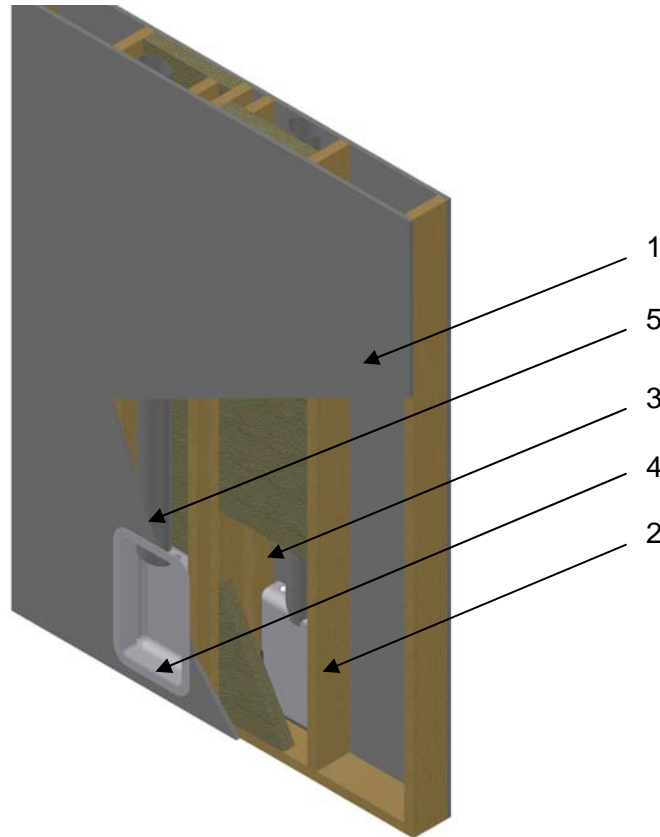


**QAI Listing B1072-1B Construction Solutions Dryer Vent Box
 CAN/ULC S115, ASTM E814
 30 Minute Fire Wall Membrane Penetration Assembly
 Non-Load Bearing**



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. (50 x 152 mm) Wood
		Stud Spaced	Maximum 16 in. (406 mm) on center
3	Cavity Insulation	Type:	Mineral wool thermal insulation in compliance with ASTM C553 Type VII
		Minimum Thickness:	2 inch (50 mm)
		Nominal Density:	Nominal Density:
	Insulation Behind the Dryer Vent Box	Type:	Mineral wool thermal insulation in compliance with ASTM C612 Type IVA
		Dimensions:	10 in. (254 mm) x 17 in. (432 mm) x 1 in. (25 mm) thick directly behind the box
		Nominal Density:	3.5 lb/ft ³ (56 kg/m ³)
Install:	A 10 in. by 17 in. area shall be cut from the 2 in. cavity insulation in the area behind the Dryer Vent Box, a 10 in. by 17 in. piece of 1 in. insulation shall then be placed in the cut out.		

No.	COMPONENT	DESCRIPTION	
4	Dryer Vent Box	Certified Product:	Nominal 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.
		Caulking:	PFP 4800DW
		Installation:	A nominal 2 x 4 in. (50 x 100 mm) stud is installed into the stud cavity 10-3/4 in. (273 mm) from a 2 x 6 in. (50 x 152 mm) stud. The dryer vent box was fastened to the 2 x 4 in. (50 x 100 mm) and 2 x 6 in. (50 x 152 mm) studs 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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