

PRODUCT SPEC SHEET

REMOVABLE FLUSH MOUNT AIR SUPPLY VENT, 6" X 6" (DRYWALL OPENING) CB5010



FEATURES:

- Mud-in flush mount air return vent
- 2 magnetic tabs on vent cover for easy removal
- Primed vent cover ready to paint
- 24 gauge galvanized satin coat steel frame
- The vent cover is made from an impact resistant triple fibre reinforced cement board
- Made of non-flammable materials
- Moisture, mold, and water resistant
- Eco-friendly manufacturing and non-hazardous

APPLICATION:

- Designed to be installed with 1/2" or 5/8" thick drywall.
- Steel frame screws onto the face of your drywall.
- For wall or ceiling installation.

GENERAL SPECIFICATIONS:

Vent Cover	4" x 4"
Drywall Opening	5.875" x 5.875"
Overall Dimensions with Frame	8.5" x " x 8.5"
Depth	0.5"
Slotted Area	3.75" x 3.75"
Slot Size	3.75" x 0.32"
Number of Slots	6 Slots total
Open Vented Area	6sq inches

MATERIAL SPECIFICATIONS:

Raw Materials	Cement, fibres, quart sand, non hazardous fillers
Density	1.0<D ≤1.2 g/cm3
Asbestos Content	100% asbestos-free
Fire Resistance	Non-combustible
Water Absorption	40%
Resistant Bending Strength	10.5 MPa dry
Moisture Movement	0.25%
Freeze Thaw	No distortion after 25 repeated cycles of freezing and thawing

AIRFLOW DATA:

Product Identifier	Slotted Area Width [in]	Slotted Area Height [in]	Slotted Area [Square inches]	Core Velocity [FPM]											
				Core Velocity Pressure [IWC]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122		
CB5010	4"	4"	6 sq. in.	Flow [CFM]	24	32	41	49	57	65	81	97	114		
				Static Pressure [IWC]	0.012	0.022	0.034	0.049	0.067	0.088	0.138	0.200	0.272		
				Throw [ft] (150 100 50)	4 6 10	5 7 13	6 9 15	7 10 17	8 11 20	9 13 22	11 15 26	13 17 30	14 20 34		

