

PRODUCT SPEC SHEET

REMOVABLE FLUSH MOUNT AIR RETURN VENT, 16" X 32" (DRYWALL OPENING) CB5014



FEATURES:

- Mud-in flush mount air return vent
- 4 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. **If installing on the ceiling, ceiling clips must be used.**

GENERAL SPECIFICATIONS:

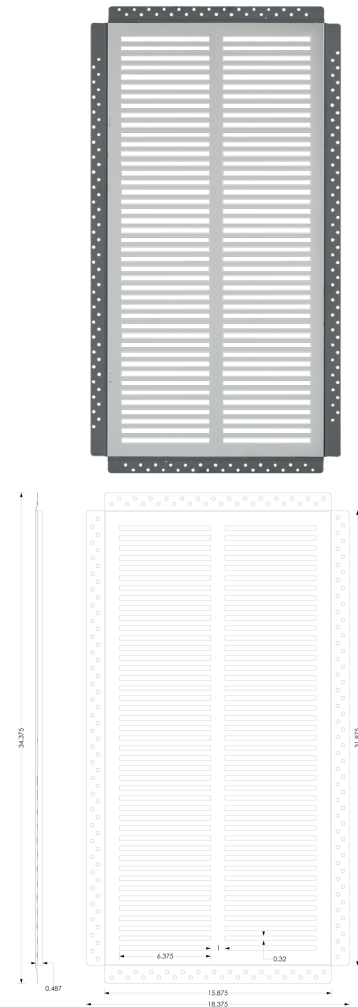
Vent Cover	15.875" x 31.875"
Drywall Opening	16" X 32"
Overall Dimensions with Frame	18.375" x 34.375"
Depth	0.487"
Slotted Area	14" x 30"
Slot Size	6.375" x 0.32"
Number of Slots	86 Slots total
Open Vented Area	120sq inches

MATERIAL SPECIFICATIONS:

Raw Materials	Cement, fibres, quart sand, non hazardous fillers
Density	1.0<D ≤1.2 g/cm ³
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 [in²]	Core Velocity [FPM]									
				300	400	500	600	700	800	1000	1200	1400	
				Core Velocity Pressure [IWC]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122
CB5014	14"	30"	120 [in²]	Flow [CFM]	582	776	969	1163	1357	1551	1939	2327	2714
				Static Pressure [IWC]	0.023	0.039	0.059	0.083	0.111	0.143	0.220	0.313	0.422



Tested by Airflow Sciences Corporation