

PRODUCT SPEC SHEET

REMOVABLE FLUSH MOUNT AIR RETURN VENT, 20" X 20" (DRYWALL OPENING)

CB5009

EnVISIVent™
— PREMIUM FLUSH MOUNT AIR VENTS —

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:

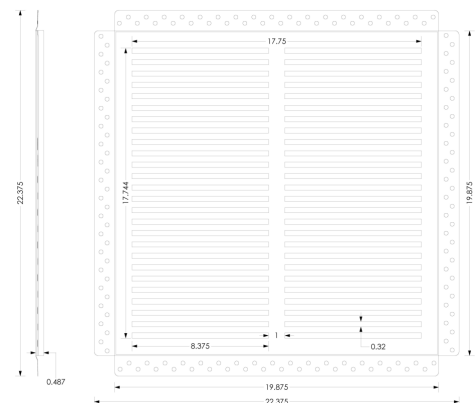
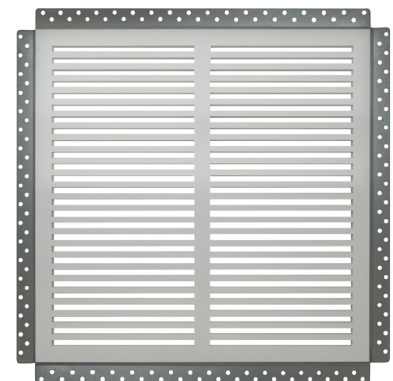
Vent Cover	19.875" x 19.875"
Drywall Opening	20" x 20"
Overall Dimensions	22.375" x 22.375"
Depth	0.50"
Slotted Area	17.75" x 17.75"
Slot Size	8.375" x 0.32"
Number of Slots	26 Slots total
Open Vented Area	120sq inches

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 [in ²]	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	
CB5009	17.75"	17.75"	120 [in ²]	Flow [CFM]	474	633	791	949	1107	1265	1582	1898	2214	
				Static Pressure [IWC]	0.019	0.036	0.057	0.083	0.115	0.151	0.238	0.345	0.472	



Tested by  Airflow Sciences Corporation