

PRODUCT SPEC SHEET

REMOVABLE FLUSH MOUNT AIR RETURN VENT, 14" X 8" (DRYWALL OPENING)

CB5018

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:

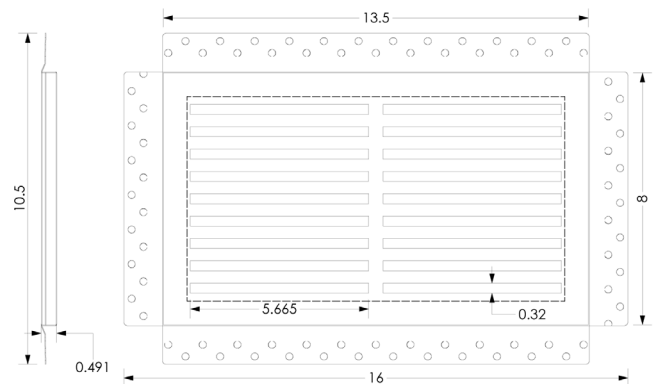
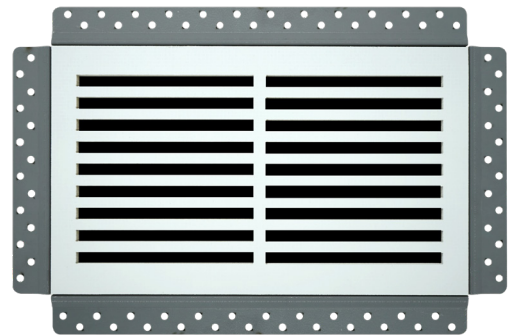
Vent Cover	13.5" x 8"
Drywall Opening	14" x 8"
Overall Dimensions with Frame	16" x 10.5"
Depth	0.491"
Slotted Area	11.5" x 6"
Slot Size	5.805" x 0.32"
Number of Slots	18 Slots total
Open Vented Area	27sq inches

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:

					Core Velocity [FPM]	300	400	500	600	700	800	1000	1200	1400
Product Identifier	Slotted Area Width [in]	Slotted Area Height [in]	Slotted Area [Square inches]	Core Velocity Pressure [IWC]		0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122
CB5018	11.5"	6"	27 sq. in.	Flow [CFM]		108	144	180	216	252	288	360	432	504
				Static Pressure [IWC]		0.021	0.038	0.060	0.088	0.120	0.158	0.249	0.360	0.492



Tested by  Airflow Sciences Corporation