

# PRODUCT SPEC SHEET

PERMANENT FLUSH MOUNT AIR RETURN,  
14" X 8" (DUCT OPENING)/  
REQUIRES 16" X 11" DRYWALL OPENING  
CB5000

**ENVISIVENT™**  
PREMIUM FLUSH MOUNT AIR VENTS

## FEATURES:

- Machine beveled outer edges to allow for air nails or screws, joint tape, and drywall compound
- Primed vent cover ready to paint
- The vent cover is made from an impact resistant triple fibre reinforced cement board
- Made of non-flammable materials
- Moisture, mold, and water resistant



## APPLICATION:

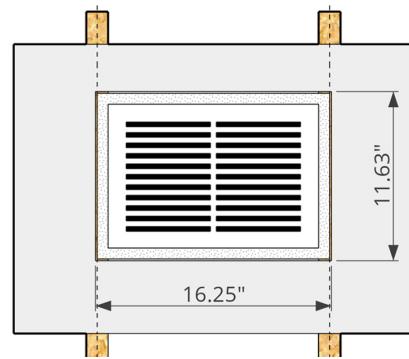
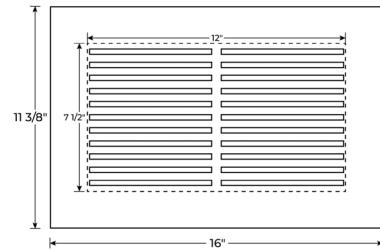
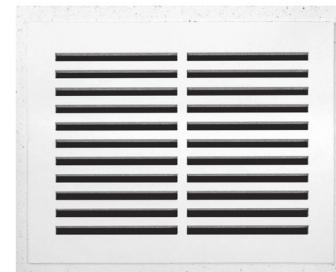
- Designed to be installed with 1/2" or 5/8" thick drywall.
- Install on a wall where there are duct openings or a wall cavity.
- Once installed the air return vent cannot be removed.

## GENERAL SPECIFICATIONS:

Vent Cover	14" x 6"
Drywall Opening	16" x 11"
Overall Dimensions	16" x 11.37"
Depth	0.50"
Slotted Area	12" x 7.5"
Slot Size	5.75" x 0.375"
Number of Slots	22 Slots total
Open Area	41sq inches

## MATERIAL SPECIFICATIONS:

Raw Materials	Cement, fibres, quart sand, non hazardous fillers
Density	0.95g/cm <sup>3</sup>
Asbestos Content	100% asbestos-free
Fire Resistance	Non-combustible
Water Absorption	27%
Resistant Bending Strength	8 MPa dry
Moisture Movement	0.25%
Freeze Thaw	No distortion after 25 repeated cycles of freezing and thawing



Tested by  Airflow Sciences Corporation

## AIRFLOW DATA:

Product Identifier	Slotted Area Width [in]	Slotted Area Height [in]	Slotted Area [Square inches]	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
CB5000	12"	7.5"	41 sq. in.	Flow [CFM]	148	197	247	296	345	394	493	592	690
				Static Pressure [IWC]	0.026	0.045	0.067	0.095	0.127	0.164	0.252	0.358	0.483