

# PRODUCT SPEC SHEET

## REMOVABLE FLUSH MOUNT AIR RETURN, 30" X 8" (DUCT OPENING)/ REQUIRES 30" X 10" DRYWALL OPENING

CB5004

### 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	30" x 8"
Drywall Opening	30" x 10"
Overall Dimensions	32" x 12.25"
Depth	0.50"
Slotted Area	28" x 8"
Slot Size	5.915" x 0.32"
Number of Slots	48 Slots total
Open Vented Area	90sq inches

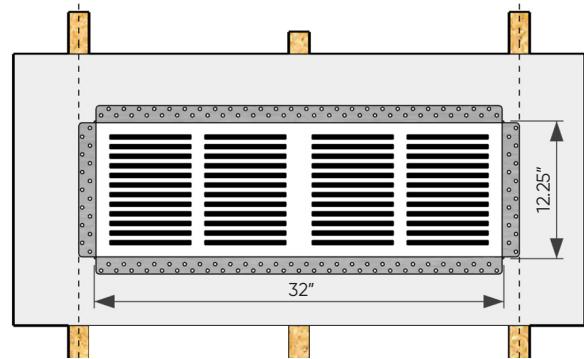
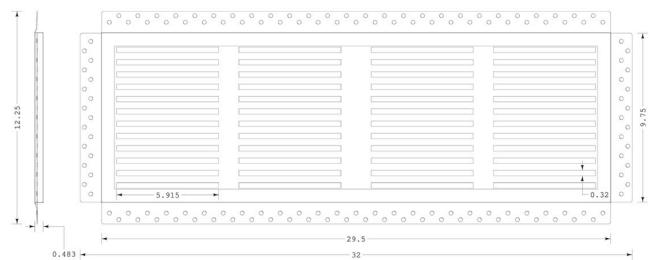
### MATERIAL SPECIFICATIONS:

Raw Materials	Cement, fibres, quart sand, non hazardous fillers
Density	1.0<math>\le D \le 1.2</math> g/cm <sup>3</sup>
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 <sup>2</sup> ]	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
				Flow [CFM]	283	377	471	565	659	754	942	1130	1319
CB5004	28"	8"	90 [in <sup>2</sup> ]	Static Pressure [IWC]	0.024	0.042	0.065	0.094	0.128	0.167	0.261	0.376	0.512

**ENVISIVENT™**  
PREMIUM FLUSH MOUNT AIR VENTS



Tested by  Airflow Sciences Corporation