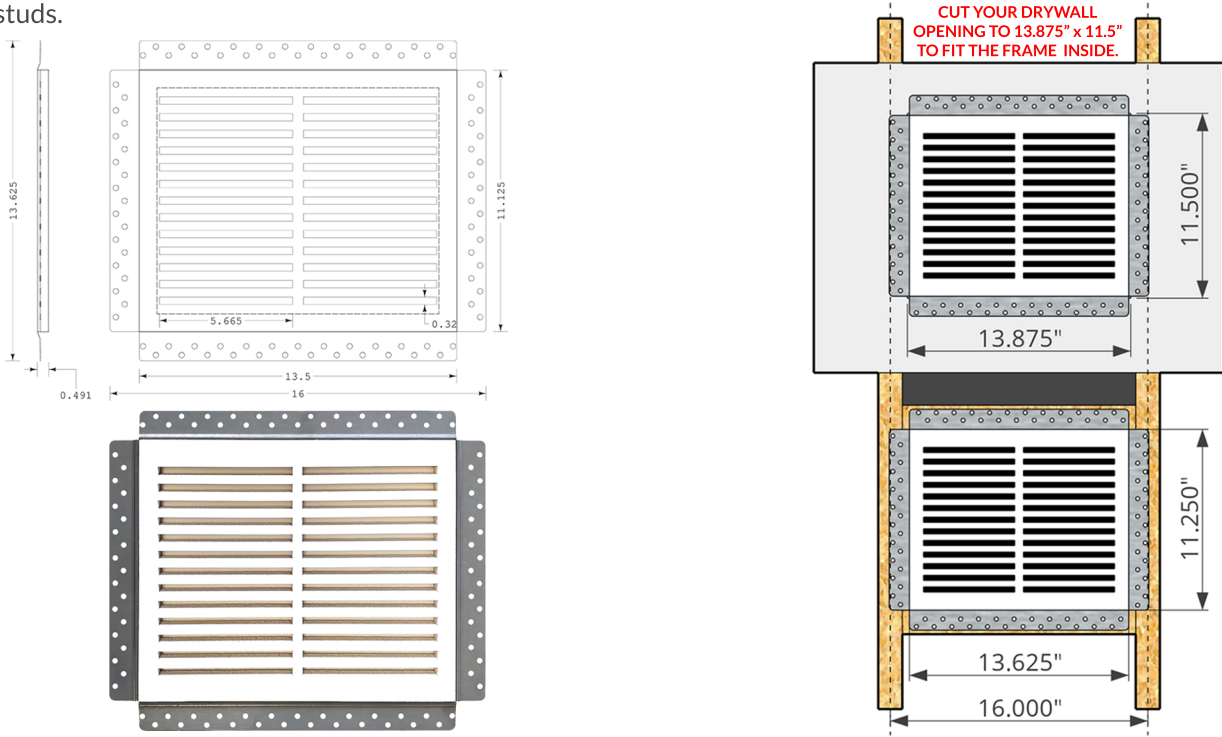


A premium flush mount cold air return cover which replaces the cover for a 14"x8" opening. This cover fits into the drywall opening of 13.875"x11.5" and has a vented/slotted area of 12"x8.75". This item is taller than fitting between 2 studs.



## APPLICATION

- Designed for 1/2" and 5/8" thick drywall.
- Suitable for low and high wall installations.
- Not suitable for ceiling installation without ceiling clips, sold separately.
- Screws on to the face of your drywall.
- Once finished seaming over the flange, the product is ready to be primed and painted to your wall colour.
- The insert comes primed white and ready for your paint colour.

## FEATURES

- Magnetic removable triple fibre reinforced cement board grill.
- 24 gauge galvanized satin coat steel frame complete with a beaded edge.
- Straight horizontal rectangular slots.
- Easy installation, primed and ready to paint.
- 4 Rare earth magnets (0.25" diameter x 0.060" thick).
- Made from noncombustible material.
- Higher impact resistance than conventional drywall.
- Moisture and water resistant, mold resistant.
- Eco-friendly manufacturing and non-hazardous material.

## PRODUCT SPECIFICATIONS

- Over 47.4 square inches (305.8 square centimeters) of open area.
- Slot Size: 0.32" x 5.7" (8mm x 145mm).
- 26 angled horizontal slots.
- Slot Angle - 20 degrees
- Overall dimensions are 16" x 13.625" x 0.5" (406mm x 346mm x 12mm).
- Product weight is 2.2 pounds (1 kilogram)

## MATERIAL SPECIFICATIONS

- Raw Material: Cement, fibres, quartz sand, non-hazardous filler.
- Density:  $1.0 < D \leq 1.2 \text{ g/cm}^3$ .
- Asbestos Content: 100% asbestos-free.
- Noncombustible as determined by ASTM E2652.
- Water Absorption:  $\leq 40\%$ .
- Resistant Bending Strength:  $\geq 10.5 \text{ MPa dry}$ .
- Linear Variation with Humidity (50%-90% RH):  $\leq 0.25\%$ .
- Freeze and Thaw Cycles: No distortion after 25 repeated cycles.

## AIRFLOW DATA

Product Identifier	Opening Width [in]	Opening Height [in]	Core Area [ft <sup>2</sup> ]	Open Area [sq ft]	Core Velocity [FPM]									
					300	400	500	600	700	800	1000	1200	1400	
MAG-C 14	12	8.75	0.729	47.4	Core Velocity Pressure ["wc]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122
					Flow [CFM]	153	204	255	306	357	408	510	612	714
					Static Pressure ["wc]	0.027	0.048	0.076	0.109	0.148	0.194	0.303	0.436	0.594

Tested by:  Airflow Sciences Corporation



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