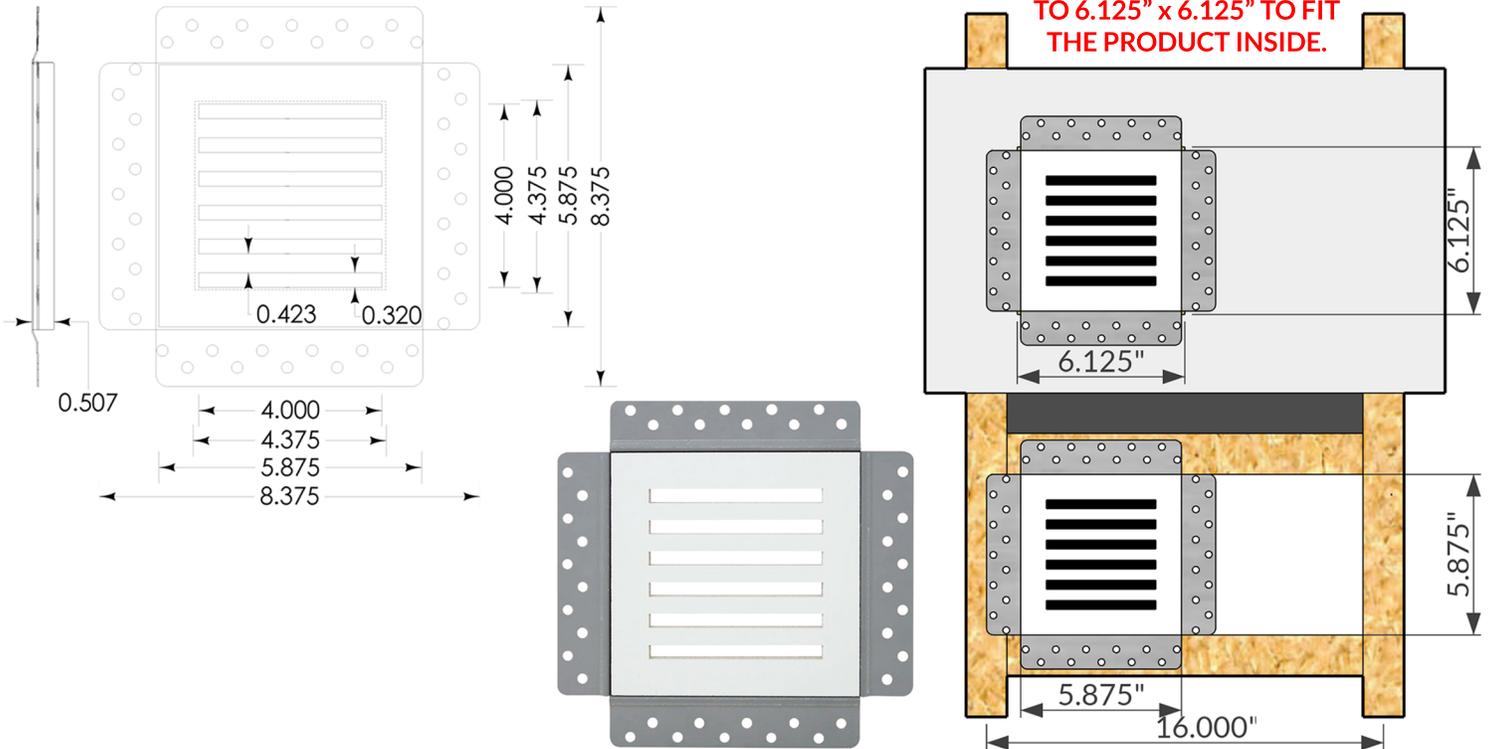


A premium flush mount air return cover that replaces a cover for a 6" x 6" opening. This cover fits into a 6" x 6" drywall opening and has a vented/slotted area of 4" x 4".



## APPLICATION

- Designed for 1/2" and 5/8" thick drywall.
- Suitable for wall and ceiling installations.
- 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 panel.
- 24 Gauge galvanized satin coated steel frame with beaded edge.
- 4 Rare earth magnets (0.25" diameter x 0.060" thick).
- Easy installation, primed and ready to paint.
- Rectangular straight vent slots.
- 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

- 7.68 Square inches (49.55 square centimeters) of open area.
- 6 Rectangular slots: 4.000" x 0.320" (102mm x 81.3mm)
- Overall dimensions: 8.375" x 8.375" x 0.507" (213mm x 213mm x 12.9mm).
- Drywall opening required: 6.0" x 6.0" (152mm x 152mm).
- Accessible area: 4.375" x 4.375" (111mm x 111mm).
- Product weight is 0.78 lbs (0.36 kg).

## 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 [in <sup>2</sup> ]	Core Velocity [FPM]													
					300	400	500	600	700	800	1000	1200	1400					
MAG-X 6	4"	4"	0.1111	7.68	Core Velocity Pressure ["wc]													
					0.006   0.010   0.016   0.022   0.030   0.040   0.062   0.090   0.122													
					Flow [CFM]													
					24.4   32.5   40.6   48.7   56.8   65.0   81.2   97.5   113.7													
					Static Pressure ["wc]													
					0.012   0.022   0.034   0.049   0.067   0.088   0.138   0.200   0.272													
					Throw [ft] (150 100 50)													
					4.3 5.9 10   5.4 7.4 13   6.4 8.8 15   7.4 10 17   8.3 11 20   9.2 13 22   11 15 26   13 17 30   14 20 34													

Tested by:  Airflow Sciences Corporation

