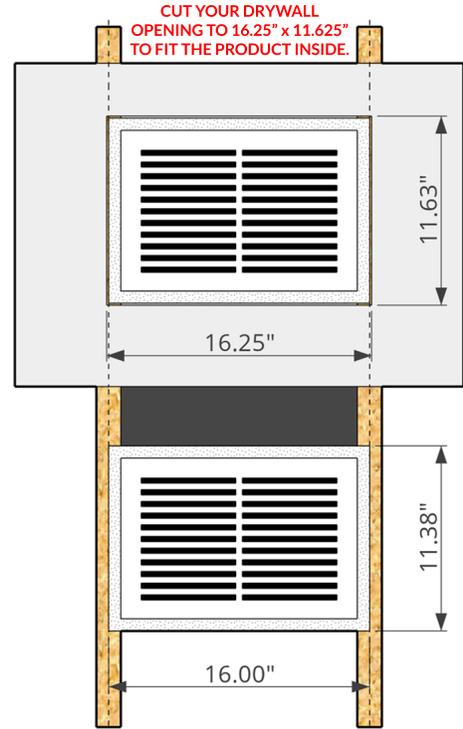
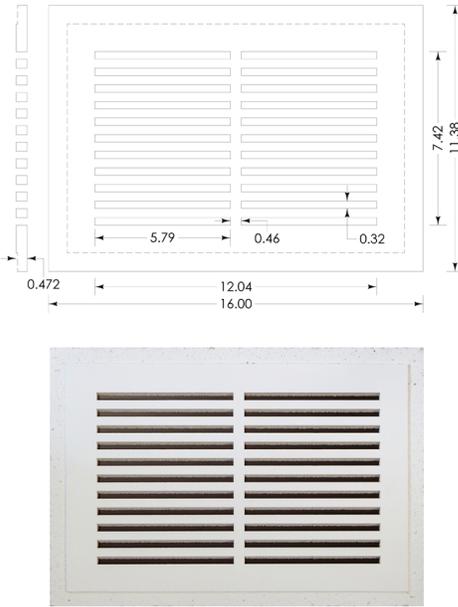


A premium flush mount cold air return cover which replaces the cover for a 14"x8" opening. This cover fits into the drywall opening of 16.25"x11.625" and has a vented/slotted area of 12"x7.5".



APPLICATION

- Designed for 1/2" for a permanent installation.
- Suitable for both wall and ceiling installation.
- Screws directly to your wall studs to allow it to be flush.
- Finish taping and seaming the perimetre edge with your drywall.
- **(PRO TIP: cover the slots with painters tape to avoid drywall compound getting in them).**
- Prime your wall and paint it to your wall colour
- The cold air comes primed white and ready for your paint colour.

FEATURES

- Triple fibre reinforced cement board grill.
- Easy installation, primed and ready to paint.
- Machined outer edge to allow for screws, tape and drywall compound
- Straight cut slots for unrestricted air flow.
- 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 41 square inches (265 square centimeters) of open area.
- Slot Size: 0.32" x 5.8" (8mm x 147mm).
- 22 angled horizontal slots.
- Slot Angle - 20 degrees
- Overall dimensions are 16" x 11.375" x 0.5" (406mm x 289mm x 12mm).
- Product weight is 2 pounds (0.9 kilograms)

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 ²]	Open Area [sq"]	Core Velocity [FPM]										
					300	400	500	600	700	800	1000	1200	1400		
CA 14	12	7.5	0.625	41	Core Velocity Pressure ["wc]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122	
					Flow [CFM]	138	185	231	277	323	369	461	554	646	
					Static Pressure ["wc]	0.025	0.044	0.069	0.099	0.135	0.176	0.275	0.396	0.539	

Tested by:  Airflow Sciences Corporation



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