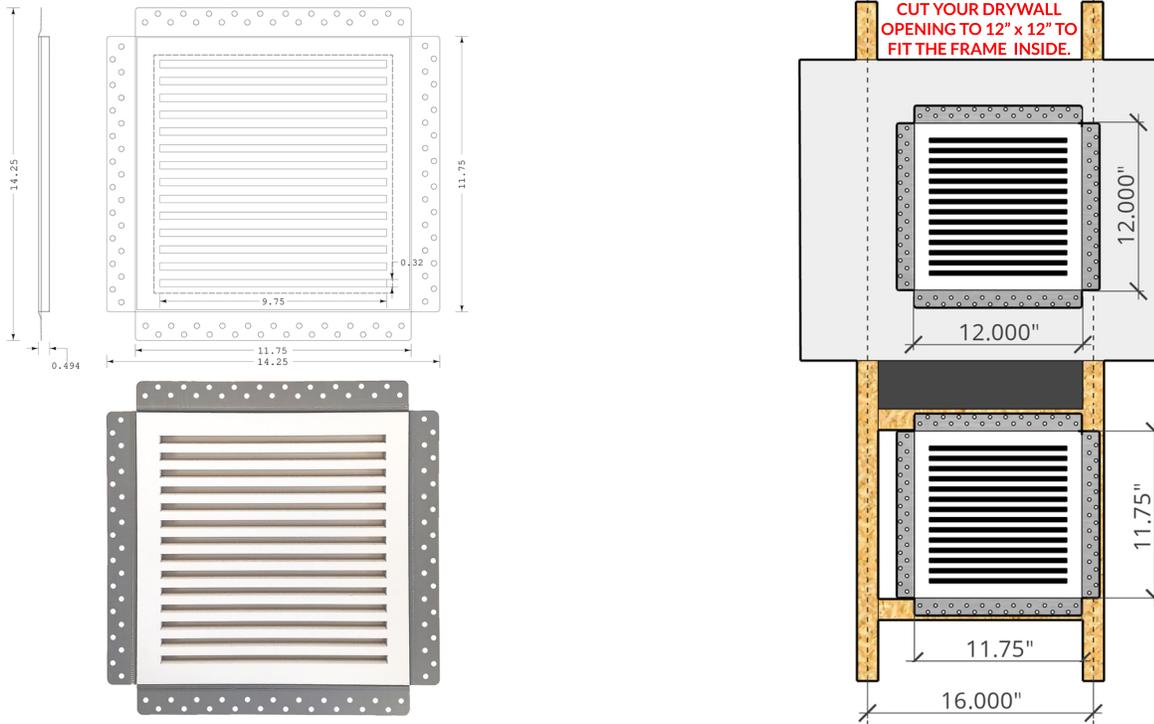


A premium flush mount exhaust fan cover for a 12"x12" drywall opening. This cover can also be used as a cold air return, and yields a 10.25"x10.25" accessible area. (NOTE: your exhaust fan and/or motor needs to fit through this area).



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 (0.375" diameter x 0.060" thick).
- Easy installation, primed and ready to paint.
- 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 43.6 square inches (281.2 square centimeters) of open area.
- 14 Rectangular Slots: 9.75" x 0.32 (247.6mm x 8.12mm).
- Overall dimensions are 14.25" x 14.25" x 0.5" (361.9mm x 361.9mm x 12mm).
- Drywall opening required: 12.0" x 12.0" (304.8mm x 304.8mm).
- Accessible area: 10.25" x 10.25" (260.3mm x 260.3mm).
- Product weight is 2.2 pounds (1 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 ft]	Core Velocity [FPM]									
					300	400	500	600	700	800	1000	1200	1400	
MAG-X 12	9.75	9.75	0.66	43.6	Core Velocity Pressure ["wc]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122
					Flow [CFM]	140	187	234	281	328	374	468	561	655
					Static Pressure ["wc]	0.025	0.044	0.069	0.100	0.136	0.178	0.278	0.400	0.544

Tested by:  Airflow Sciences Corporation

