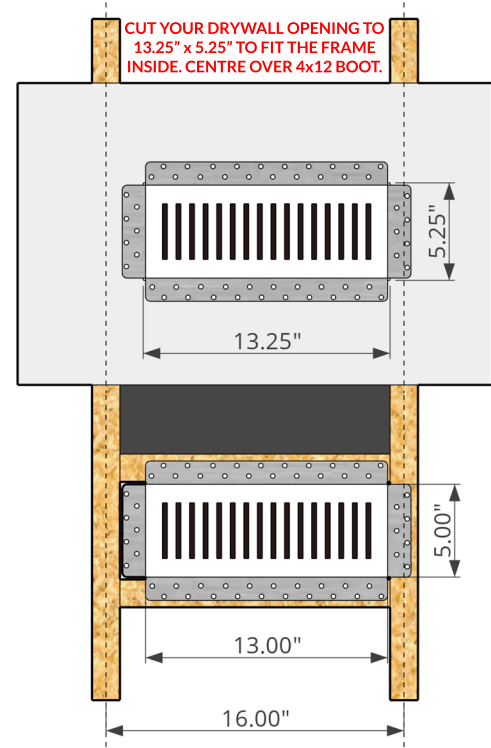
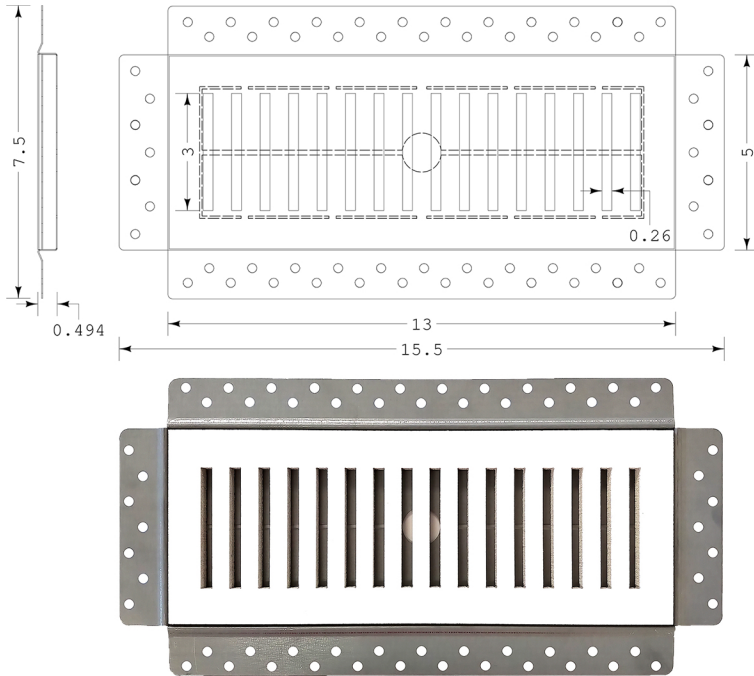


A premium flush mount supply vent cover for a 4"x12" duct. Complete with diffuser flaps to control your air flow, this cover fits into the drywall opening of 5"x13" and has a vented/slotted area of 3"x11".



### 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 complete with a beaded edge and adjustable diffuser.
- 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

- Over 12.4 square inches (80.5 square centimeters) of open area.
- 16 Rectangular Slots: 0.26" x 3" (6.6mm x 76.2mm).
- Overall dimensions are 15.5" x 7.5" x 0.5" (393.7mm x 190.5mm x 12mm).
- Drywall opening required: 13.25" x 5.25" (336.5mm x 133.3mm).
- Product weight is 1.25 pounds (0.55 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:  $\leq 10.5 \text{ MPa dry}$ .
- Linear Variation with Humidity (50%-90% RH):  $\geq 0.25\%$ .
- 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 <sup>2</sup> ]	Core Velocity [FPM]									
					300	400	500	600	700	800	1000	1200	1400	
MAG-S 4x12	11	3	0.2292	12.40	Core Velocity Pressure ["wc]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122
					Flow [CFM]	45	60	75	90	105	120	150	180	210
					Static Pressure ["wc]	0.014	0.024	0.038	0.054	0.074	0.096	0.150	0.217	0.295
					Throw [ft] (150 100 50)	3   5   11	5   7   15	6   9   19	7   11   23	8   13   27	10   15   32	12   19   40	15   23   49	18   27   57

Tested by:  Airflow Sciences Corporation

