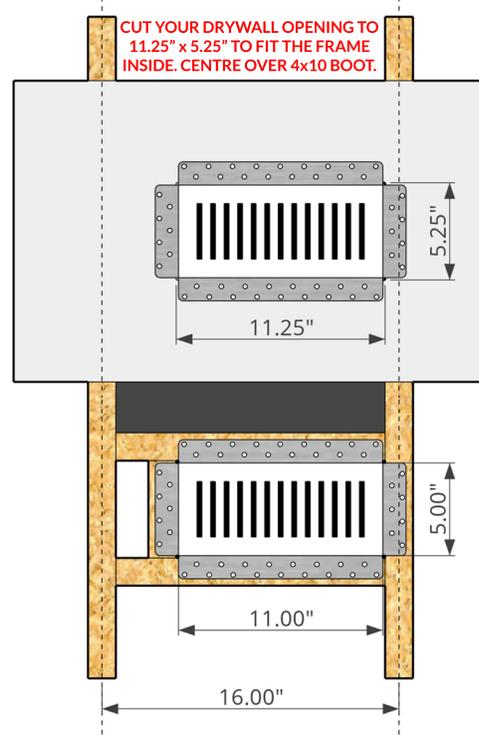
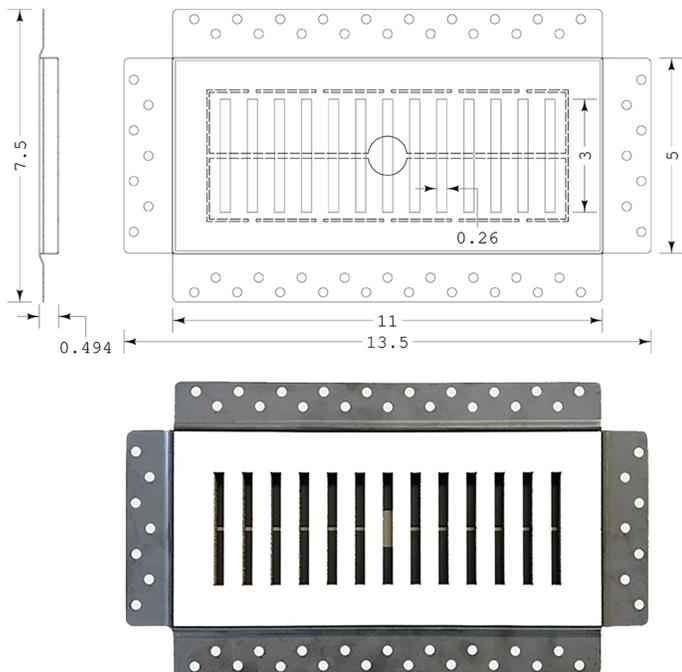


A premium flush mount supply vent cover for a 4"x10" duct. Complete with diffuser flaps to control your air flow, this cover fits into the drywall opening of 5"x11" and has a vented/slotted area of 3"x9".



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 10.14 square inches (65.41 square centimeters) of open area.
- 13 Rectangular Slots: 0.26" x 3" (6.6mm x 76mm).
- Overall dimensions are 13.5" x 7.5" x 0.5" (343mm x 190.5mm x 12mm).
- Drywall opening required: 11.25" x 5.25" (285.7mm x 133.3mm).
- Product weight is 1.1 pounds (0.5 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 ²]	Open Area [sq ²]	Core Velocity [FPM]										
					300	400	500	600	700	800	1000	1200	1400		
MAG-S 4x10	9	3	0.1875	10.14	Core Velocity Pressure ["wc]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122	
					Flow [CFM]	39	53	66	79	92	105	132	158	184	
					Static Pressure ["wc]	0.018	0.031	0.049	0.070	0.095	0.125	0.195	0.280	0.382	
					Throw [ft] (150 100 50)	3 5 10	5 7 14	6 9 17	7 10 21	8 12 24	9 14 28	12 17 35	14 21 42	16 24 49	

Tested by:  Airflow Sciences Corporation



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