



Pro Tip

- When securing the frame, keep the vent cover in place to ensure the frame remains square.
- A minimum 10-inch feathering of drywall compound helps achieve a truly seamless finish.
- Allow each coat of drywall compound to dry completely before applying the next or sanding.
- Ensure the vent cover is removed during the mudding and sanding process to prevent debris from entering the vent slots.

Installation Steps

Locate and Mark

- Choose the installation area on the wall or ceiling.
- Place the CliqueElite vent against the surface and trace its outline with a pencil.
- Use a level to ensure proper alignment.

Prepare the Opening

- For new installations: Cut along the traced outline using a drywall saw or utility knife.
- For existing openings: Adjust the opening size if necessary to fit the CliqueElite vent.
- Ensure the metal frame with holes sits flush to the outside of the drywall, while the frame bed sits inside the drywall opening.

Fit and Adjust

- Dry fit the back of the metal frame into the cut hole to ensure a proper fit.
- If your ductwork is sticking out past the drywall, cut it back to fit flush with the drywall.
- If needed, add wooden backing for additional support behind drywall.

Secure the Frame

- Keep the vent cover in the frame to ensure it remains square during installation.
- Ensure the metal frame is sitting flat and flush to the drywall.
- Secure the frame using 1-1/4" fine-threaded drywall screws.
- Space screws 6 to 8 inches apart, fastening through the frame holes into the drywall and wood backing/stud.

Remove Vent Cover

- After securing the frame, remove the vent cover insert.
- To remove, press down on the two bottom corners of the insert, tilt, and remove.
- Set the vent cover aside until mudding is complete to prevent mud from entering the vent slots.

Apply Drywall Compound

- Use drywall tape and compound to cover the seams around the frame.
- Feather the compound at least 10 inches beyond the frame edges for a seamless blend.
- For the first coat, use a setting-type compound like Dura90 or equivalent.
- Allow the first coat to dry completely.

Sand and Finish

- Apply a second (and if necessary, third) coat of drywall compound using a pre-mixed joint compound.
- Once dry, sand the area smooth.
- Clean the surface thoroughly to remove all dust.

Paint

- Paint the wall or ceiling area around the frame to match your desired color.
- The vent cover is pre-primed for convenience. Paint it separately to match your desired wall color before reinstalling.

Install Vent Cover

- Once paint is dry, reinstall the vent cover into the frame.

Important Notes

- When installing CliqueElite Removable Air Returns in the ceiling, ceiling clips must be used to ensure the vent cover is as secure as possible once installed.
- If installing a vent with a diffuser, bend back the flaps for the desired airflow before installation.

SPECIFICATION SHEET

CLIQUEELITE 30x8

COLD AIR RETURN WALL COVER

DETAILS

Designed for 30" x 8" duct openings or wall cavities
Magnetic access
Flush-mount design
Removable panel
Compatible with 1/2" and 5/8" thick drywall
CFM Airflow at 500 Core Velocity exceeds 471

FEATURES

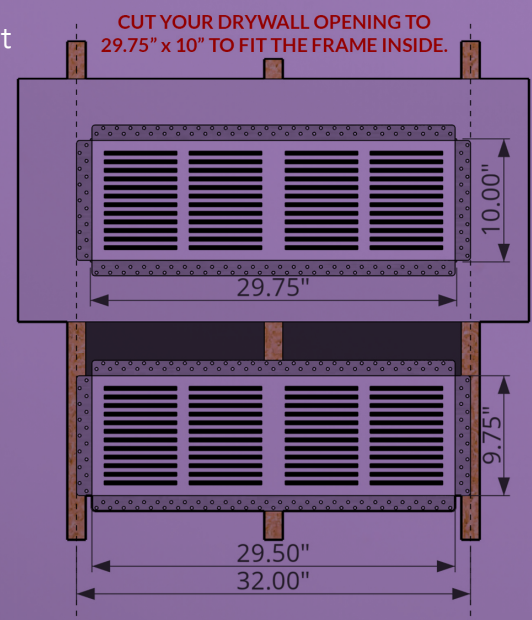
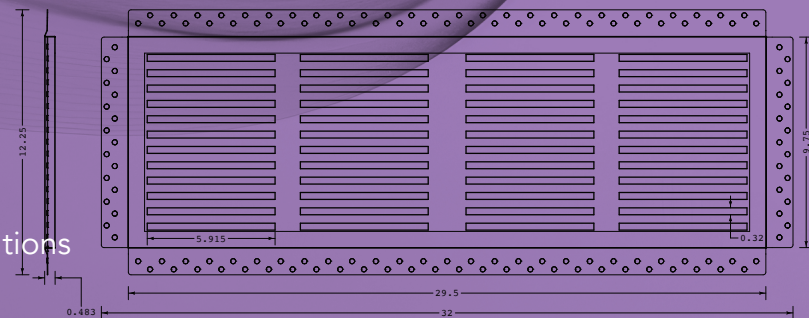
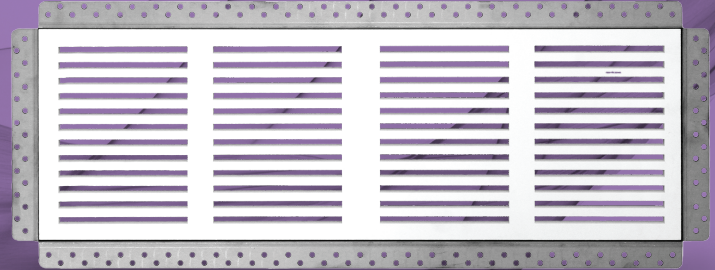
Seamless integration with drywall
Easy installation and access for maintenance
Moisture, mold, and water-resistant
Pre-primed surface ready for custom finishing
Non-flammable materials
Impact resistant
Ideal for: Spaces requiring discreet air return solutions

PRODUCT SPECIFICATIONS

Size: 32" x 12.5" x 0.5"
Vent Cover Dimensions: 29.37" x 9.625"
Fits into drywall opening: 29.75" x 10.25"
Frame material: Durable 24 gauge galvanized satin coat steel
Panel material: Triple fibre reinforced cement board
Finish: Pre-primed white
Installation method: Frame installation followed by panel attachment
Closure mechanism: Magnetic (4 magnetic tabs on Vent Cover)
Moisture resistance: Yes
Mold resistance: Yes
Water resistance: Yes
Drywall compatibility: 1/2" and 5/8" thick
Application: Walls only (high towards ceiling or low towards floor)
Not suitable for ceiling installation
Slot configuration: 48 straight horizontal vent slots - 5.915" x 0.32"

MATERIAL SPECIFICATIONS

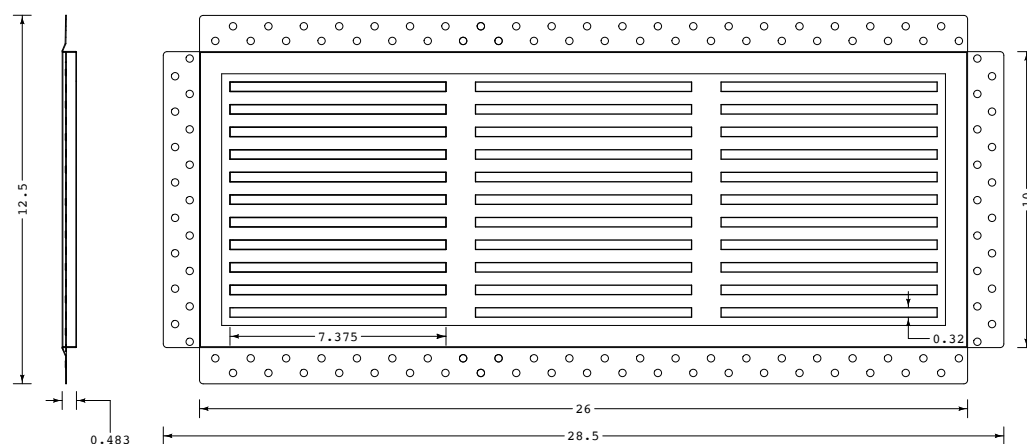
Raw Material: Cement, fibres, quartz sand, non-hazardous fillers
Density: $1.0 < D \leq 1.2 \text{ g/cm}^3$
Asbestos Content: 100% asbestos-free
Fire Resistance: non-combustible
Water Absorption: $\leq 40\%$
Resistant Bending Strength: $\leq 10.5 \text{ MPa}$ dry
Moisture Movement: 0.25 %
Freeze Thaw: No distortion after 25 repeated cycles of freezing and thawing



CLIQUE ELITE

AIR FLOW

DATA SHEET



Wall Cold Air Returns

Product Identifier	Opening Width [in]	Opening Height [in]	Core Area [ft²]	Core Velocity [FPM]	300	400	500	600	700	800	1000	1200	1400
				Core Velocity Pressure [“wc]	0.006	0.010	0.016	0.022	0.030	0.040	0.062	0.090	0.122
CE24	24	8	1.333	Flow [CFM]	267	356	445	534	623	712	890	1068	1246
				Static Pressure [“wc]	0.027	0.048	0.075	0.108	0.147	0.192	0.300	0.432	0.588

Notes:

1. The test procedures are based on ASHRAE 70.
2. Core Velocity – The average airstream velocity at the face of the grille, measured in feet per minute.
3. Core Velocity Pressure – The dynamic pressure of the airstream at the grille face. This pressure is relative to the core velocity and reported in inches of water (“wc).
4. Flow Rate – The volumetric rate of airflow through the grille, measured in cubic feet per minute (CFM)
5. Static Pressure – The air pressure difference across the grille at a given flow rate or velocity, measured in inches of water (“wc).
6. Throw – The distance away from a supply grille (i.e. perpendicular to the grille face) where the airstream velocity has slowed to a particular envelope velocity.

tested by:  Airflow Sciences Corporation

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet (MSDS) provides detailed information for Armormega, a high-performance cement-based board with versatile applications for both exterior and interior use. Designed for use as sheathing, ceiling board, drop ceiling, siding, wall board, tile backer board, and underlayment, Armormega is a safe and durable material. It features a very mild odor and is non-toxic, non-explosive, and non-hazardous, making it an ideal choice for a wide range of construction projects.

Armormega prioritizes safety without compromising on strength or versatility.



PRODUCT INFORMATION

TRADE NAME: ARMORMEGA (Cement-Based Board)

USES

- | | |
|------------------|---------------------|
| Exterior: | Interior: |
| • Sheathing | • Wallboard |
| • Ceiling Board | • Ceiling Board |
| • Drop Ceiling | • Tile Backer Board |
| • Siding | • Siding |
| • Cladding | • Underlayment |
| • Trim Material | • Trim Material |

COMPOSITION INFORMATION†

SUBSTANCE NAME	PROPORTION BY WEIGHT (%)	HAZARD CLASS
Magnesium Oxide	36	None
Magnesium Sulphate	23.5	None
Perlite	2.1	None
Filtered Wood Bre	7.6	None
Reinforcing Mesh	0.1	None
Water	17.2	None
Other	13.5	None

† These combined ingredients do not emit volatile organic compounds (VOC's)

PHYSICAL AND CHEMICAL PROPERTIES

CATEGORY	PROPERTY
Appearance	Various colours, varying dimensions
Physical State	Very mild
Vapour Pressure	Not Relevant
Specific Gravity	Not Relevant
Flammability Limits	Not Relevant
Boiling Point	Not Relevant
Melting Point	Not Relevant
Flash Point	Not Relevant
Autoignition Temperature	Not Relevant
Volatility	Not Relevant
Solubility In Water	Not Relevant
Evaporation Rate	Not Applicable

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Non-toxic, non-explosive, non-hazardous

PRIMARY ROUTES OF ENTRY

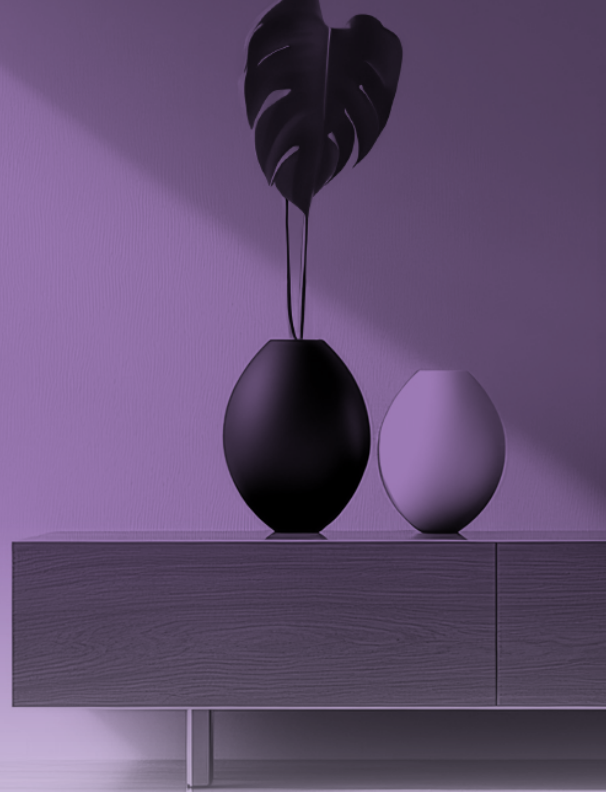
Eyes: Dust may irritate the eyes from mechanical abrasion, causing watering and redness.

Skin: Dust may cause irritation of the skin from friction but cannot be absorbed through intact skin.

Ingestion: If swallowed, dilute by drinking large amounts of water. Seek medical attention.

Inhalation: Immediately leave the area and find a space with fresh air. If shortness of breath or wheezing develops, seek medical attention.

Advice to Physician: Treat symptomatically.



TRANSPORT INFORMATION

There are no special requirements for storage and transport of ARMORMEGA.

IDENTIFICATION	VALUE
UN Number	None Allocated
Dangerous Goods Class	None Allocated
Hazchem Code	None Allocated
Poisons Schedule	None Allocated
Packing Group	Not Applicable
Label	Not a DOT hazardous material

OTHER INFORMATION

This material is categorized as Non-Hazardous for transportation purposes. The information contained herein is accurate to the best of all available knowledge at the time of printing. Hazardous conditions due to alterations of the material have not been established.

The information contained in this data sheet is furnished in good faith and without warranty, representations, inducement, or license of any kind, except that it is accurate to the best of knowledge, or was obtained from sources believed by Luxairy Vents to be reliable. The accuracy, adequacy or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring that the product is used, handled, stored and disposed of safely and in compliance with applicable federal, state, provincial and local laws. Luxairy Vents Inc. disclaims liability for loss, damage, or personal injury that arises from or is any way related to use of the information contained in this data sheet.

For questions or additional information, please contact us at:

info@luxairyvents.com

www.luxairyvents.com

