AMERICAN aldes VENTILATION CORPORATION

Fresh AIRLET 700™

Temperature Controlled Fresh Air Inlet For indoor Air Quality Ventilation

INSTALLATION
OPERATION
MAINTENANCE

INSTALLATION INSTRUCTIONS

The Airlet 700 is a fresh air inlet designed to supply make up air ventilation for bedrooms and living areas, and is not intended to supply combustion air for fireplaces or large exhaust fans, such as range hoods.The Airlet 700 is compatible with zonal electric, radiant and hydronic heating systems. It is not recommeded for use with forced air heating systems, unless return registers are provided in each room in which an Airlet 700 is installed. This is to prevent exfiltration through the inlet when the forced air system is operating and doors are closed between rooms.

For make up air products specifically engineered for use with forced air heating systems, request an ALDES FAK from your supplier.

GENERAL NOTES AND SUGGESTIONS

Best results will be obtained in homes with tight air-vapor retarders, and continuous central exhaust from bathrooms, kitchen and laundry.

The goal is to achieve a home with slight negative pressure, to avoid exfiltration into the walls and attic. Install one fresh air inlet in each bedroom, and living/dining room area(s). Inlets should not be installed in kitchens, bathrooms or laundry areas. These areas should be exhaust points to a central exhaust system.

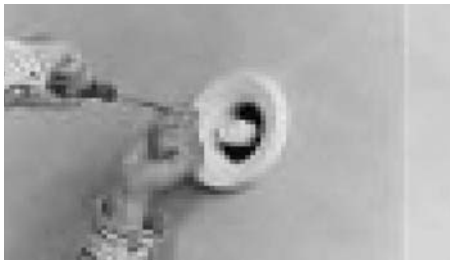
When placed high on exterior walls, drafts from the inlet should not be noticeable. The interior fixture has louvers to direct the airflow upwards where it quickly mixes with warmer air near the ceiling. The variable precision damper allows airflow adjustment using the slide operator located behind the vent cover.

INSTALLATION INSTRUCTIONS TOOLS REQUIRED

- Hole saw, keyhole saw, saber saw or router
- Drywall knife
- Philips No.1 screwdriver
- Silicone or exterior butyl caulk

1. ON FLAT SIDING, OR SIDING WITH MINIMUM SEVEN INCH EXPOSURE

1.1 Locate the position of the inlet on the exterior with reference to the interior. The inlet on the interior should be within 12 inches of the ceiling.



1.2 Using the appropriate hole cutting tool, cut a 4-1/8" diameter hole through the siding, sheathing, insulation and interior wall surface. Be careful to properly align the holes on the interior surface with the exterior, and ensure a slight slope towards the outside.

CAUTION: Avoid cutting through any vertical framing members, pipes or electrical wiring.

1.3 Press the outer adapter onto the louvered exterior vent. Fit additional pipe selections so that the total length is just slightly less than the wall thickness. Apply a 1/4" bead of caulk on the interior side of the outer adapter, and fix the pipe in place using four of the screws provided. The optional sound reducing sleeve is designed to be field-cut to the exact wall thickness. This sleeve requires a 6" diameter hole.

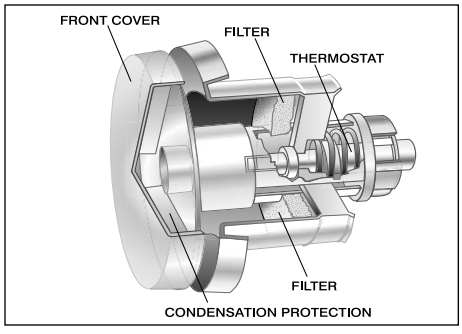
1.4 Unscrew the interior valve cover, exposing the three countersunk screw locations on the mounting flange. Mount the flange section using screws provided. Screw the valve cover back on the mounting flange until the first clicking sound is heard. (NOTE: DO NOT OVERTIGHTEN VALVE COVER). Installation is complete.

2. ON LAP SIDING WITH LESS THAN SIX INCH EXPOSURE

The procedure is the same, except it may be necessary to provide a mounting plate for fixtures, or use a J-flashing to accommodate the exterior flange and grille.

MAINTENANCE

The only maintenance required is periodic cleaning of the filter and the interior grille.



* Some jurisdictions/utilities may have different requirements. Consult your code official/utility representative.

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