



## AIRFLOW & ZONE CONTROLS

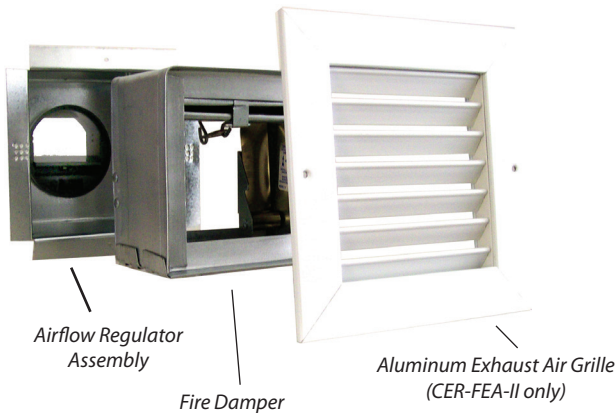
### CER-FEA-II/CSR-FSA-II/CAR-FEA-II/CAR-FSA-II

#### Constant Exhaust/Supply Register with Fire Damper

INSTALLATION  
OPERATION  
MAINTENANCE

## READ AND SAVE THESE INSTRUCTIONS

### CAR-FEA-II & CER-FEA-II

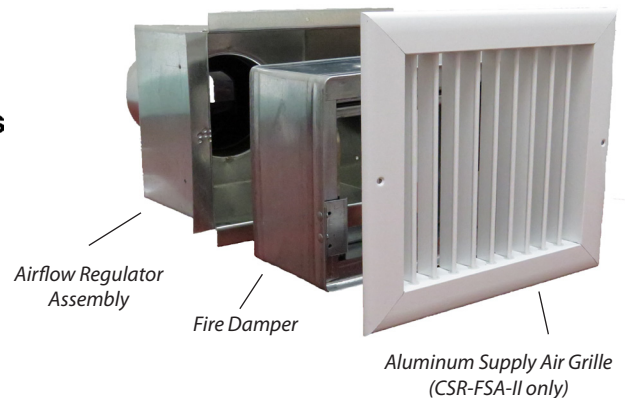


ETL CLASSIFIED



Intertek

### CSR-FSA-II & CAR-FSA-II



### DESCRIPTION

American Aldes Register Boxes with integral fire damper and constant airflow regulator are designed to easily insert into ductwork that is designed for fire damper applications. Both Supply and Exhaust models are available with and without grilles. The optional constant airflow regulator is designed to provide a constant airflow rate within a pressure range of 0.2 to 0.8 in. w.g.

### WARNING

1. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

2. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guidelines and safety standards, such as those published by the National Fire Protection Association (NFPA), and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), and the local code authorities.

3. In addition to the following manufacturer's instructions, it is necessary to comply with federal, state, and local government codes.

4. Installation work must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and hidden utilities.

6. Protect interior of assembly from wall/ceiling texturing and painting overspray.

Inspect the carton upon receipt to ensure the unit has not been damaged in transit. If damaged, it is the responsibility of the recipient to file a damage claim with the carrier. American ALDES Ventilation Corporation is not responsible for damage incurred during shipment.

Handle the unit with care to prevent damage to the housing and other components. Store the unit indoors if possible. If outdoor storage is required, protection against moisture and dirt is necessary.

### SYSTEM DESIGN

Satisfactory performance of a central ventilation system requires:

- Proper integration of all the components, compatible grilles, and wall/roof caps;
- Proper duct design for friction losses;
- Consideration of acoustic and vibration properties of the fan and its mounting;
- Consideration of acoustic properties of the grilles;
- Consideration of the mode of operation, whether continuous or automatically controlled by dehumidistat, timer, or occupancy sensor;
- Installation in a heated or unheated space, with consideration for the potential of condensation in the ducting or fan housing.

### MAINTENANCE

- Clean the grille and filter monthly (if so equipped).
- The CAR-II (if so equipped) needs no maintenance when used in normal conditions. There is no risk of dust deposit or obstruction because the CAR-II has no airways subject to clogging. If the intended application includes air heavily loaded with grease or dust, periodic cleaning may be required.

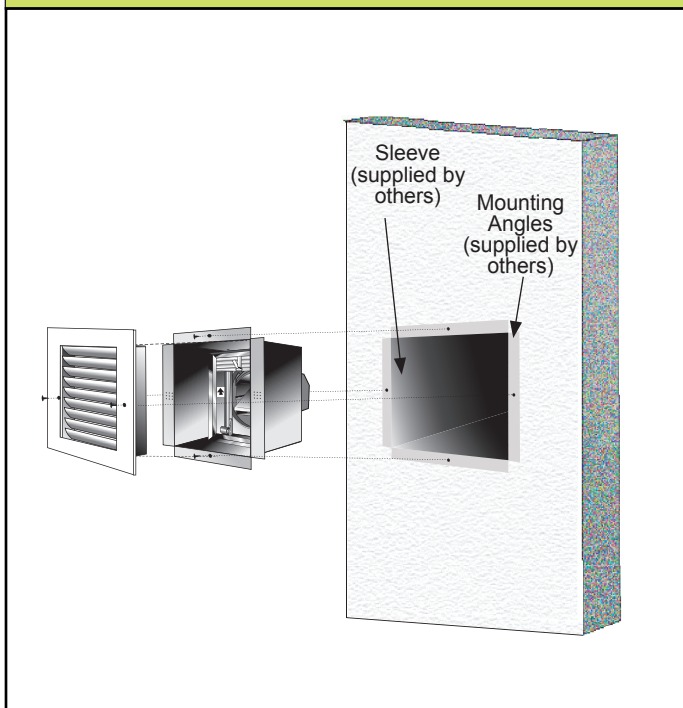
### WARRANTY

See enclosed warranty document.

## MOUNTING INSTRUCTIONS:

1. The register box is to be orientated per the up arrow on the inside of the register box.
2. Insert the register box into the sleeve (supplied by others)
3. Secure the register box to the mounting angles (supplied by others) using #8 sheet metal screws.
4. Attached the grille (if supplied) to the register box.

### CAR-FEA-II & CER-FEA-II (EXHAUST) INSTALLATION



### CSR-FSA-II & CAR-FSA-II (SUPPLY) INSTALLATION

