

Residential Unit – EV130/EV200/EV300 INSTALLATION SPECIFICATION

Complete installation of RenewAire Energy Recovery Ventilation System For:

Name: _____

Address: _____

City, State, Zip: _____

Phone: _____

Job Location: _____

Model Used: _____ EV130 or _____ EV200 or _____ EV300

Unit Location: _____

Outdoor Duct Connections:

Insulated ductwork with a continuous vapor barrier sealed at duct connections, connect the unit to the exterior vents.

The exhaust air vent shall be located: _____

The fresh air vent shall be located: _____

Note: The fresh air intake vent shall be a minimum of ten feet from any exhaust vent.

Both vent terminations shall be screened for vermin and be hooded to be rain proof.

Hoods to be used: _____

Indoor Duct connections

Dedicated Exhaust Method:

The unit can be used as a central exhaust system to both provide bathroom exhaust or other local exhaust. It is recommended that an EV130 draw air from no more than two (EV200-four, EV300-six) bathrooms to insure adequate exhaust capacity.

Exhaust Air Locations:

- | | |
|----------|--------------------|
| 1. _____ | Grill Style: _____ |
| 2. _____ | Grill Style: _____ |
| 3. _____ | Grill Style: _____ |
| 4. _____ | Grill Style: _____ |

Exhaust grills shall be mounted within 6 inches of ceiling (ceiling grills are acceptable within the heated envelope of the home). Open stud cavities may be used like a high furnace return air. Galvanized ductwork is preferable although properly sized and installed flexible ductwork may also be used. In all cases special care shall be taken to seal duct system against leakage. Dampened grills or accessible balancing dampers will be installed to allow control of air flow to each grill location.

Fresh Air Supply Location:

Furnace return air trunkline: _____

Other: _____

Note: If the fresh air supply is ducted to the furnace return air trunkline the connection shall be a minimum of three feet from the return air plenum (drop) or contractor will perform test to insure airflow through the unit is balanced when the furnace is both on and off.

Furnace tie in method:

In this method both stale air and fresh air connections to the unit are connected to the furnace or air conditioning ductwork. Care must be taken to insure fresh air is not "short circuited" back to the exhaust without ever leaving the ductwork.

Methods to use to prevent short circuiting:

- _____ Furnace blower to run constantly/any time the unit is running.
- _____ Exhaust air from furnace return supply fresh air to furnace supply duct.
- _____ Insure adequate airstream separation connections to the furnace return air truck line.

Controls: The unit shall be controlled in the following manner.

Automatic Control (typically one)

- _____ Proportional timer PT24 (ERV runs stand alone) (automatic ventilation adjustable based on house size)
- _____ Proportional timer FM24 (furnace fan runs when ERV runs) (automatic ventilation adjustable based on house size)
- _____ Dehumidistadt DH1
- _____ 24 hour digital timer TS24/120
- _____ Other: _____
- Control Locations: _____

Point Source Controls

- _____ Push button timer delay switch PB24 (for use alone or in conjunction with PT24)
- _____ Spring wound timer SW60 -24/120
- _____ Manual Switch
- Control Locations: _____

Electrical Service

- _____ Controls included in contract
- _____ All wiring included in contract
- _____ Control wiring by others/job electrician
- _____ Power wiring by others/job electrician

Price Quotation

Unit cost: _____
Materials cost: _____
Labor cost: _____
Total cost: _____

Terms: _____

All work to be completed in a workman-like manner according to local codes, standard practices, and industry and manufacturers installation instructions. Heat exchanger installations in existing homes are bid assuming they can be installed with no drywall, carpentry, or painting or finishing required. Conditions occur which could not be anticipated, such as stud walls not being lined up, insulation, wiring, or other obstructions in stud spaces, etc. These conditions will require either alternative grill locations and/or re-routing of ducts. A best effort will be made to meet the specifications of the original proposal. Charges will be made as required by site conditions. Alternatives which would require an additional charge will be discussed with the owner as soon as they are identified.

Contracting Firm:

Name: _____
Address: _____
Phone: (_____) _____ - _____
Date: _____ Authorized signature: _____

This specification and price may be withdrawn by us if not accepted within ____ days.
The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.

Owner Approval:

Signature: _____
Signature: _____
Date of Acceptance: _____