

## Installation Methods—Fully Dedicated

### Fully Dedicated Installation

The fully dedicated installation draws stale air from specific points in the house and delivers fresh air to specific locations of the house. This system is not connected to an air handler/furnace (see figures 12 and 13).

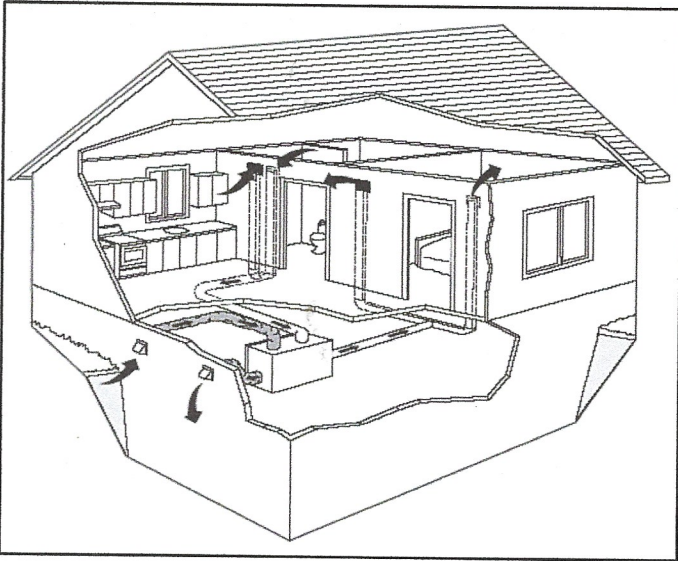


Figure 12. Fully Dedicated System

Stale air ducts should be installed in areas of the home where the poorest indoor air quality exists (bathrooms and kitchen). Each location with a stale air duct should have a timer to initiate high-speed ventilation. (Refer to "Optional Timers" on page 12.)

Fresh air ducts should be installed to all bedrooms and living areas, excluding bathrooms, kitchen, and utility areas. Grilles should be located high on a wall or in ceiling locations. Grilles that diffuse the air comfortably are recommended. (Refer to Grilles on page 19.) Special care should be taken in locating grilles if the floor is the only option available. Areas such as under baseboard heaters will help to temper the air.

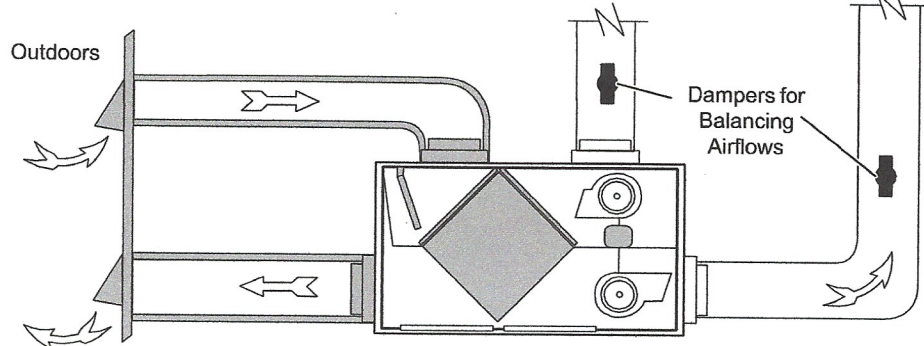
Optional inline duct heaters are available for mounting in the supply air duct work to add heat if required.

### Key points

- The HRV/ERV must be balanced.
- The duct configuration may change depending on the HRV/ERV model. See specifications for your unit.
- Check local codes and authority having jurisdiction for acceptance.

Stale air from various parts of home (i.e. bathrooms, kitchens, utility areas)

Fresh air to house - main living areas, bedrooms, living room, rec. room, etc.



### Installation Notes—

- See unit specifications for exact port locations.
- Unit is normally balanced on HIGH speed with the furnace blower ON.
- Weatherhood arrangement is for drawing purposes only. Six feet (2m) minimum separation is recommended. The weatherhood must be 18" (460mm) above grade minimum.
- The airflow must be confirmed on site using the balancing procedures found on page 28.

Figure 13. Fully Dedicated System (Not connected to forced air system)