

Duravent product installation and maintenance



General Handling Requirements

Careful handling will ensure smooth operation and maximize the lifespan of louvers and dampers. It is important not to bend or twist frames, blades or linkage. Vents with screens require special attention. Take care to not press or put weight on screens. This ensures they are straight and do not interfere with operation.

Installation Requirements

1. Unless specified otherwise, all vents are 1/4" undersized to ensure a smooth fit into rough openings. Nevertheless, care must be taken to ensure vents are installed squarely without twisting or bending. Foreign objects including fastening devices and insulation should not be placed in the side channels of operable louvers and dampers, as they may hinder operation.
2. To minimize water penetration, caulking should be applied around the perimeter between the opening and vent panel, and along all exposed mullions.
3. Flange face may be attached using standard fasteners to most opening perimeters. Non-flanged faces should be finished with appropriate flashing material and caulked.
4. Louver blades protect against water penetration in only one direction and dampers permit airflow in only one direction. During installation, ensure vents are correctly oriented (refer to shop drawings or mounting diagrams).
5. Dampers (gravity louvers) are to be installed plumb, unless specifically designed for inclined use (with springs / counterweights).

Maintenance Requirements

As with any moving hardware, operable louvers and dampers require regular maintenance including:

- Obstructions should be removed from between the blades, screen, and airway
- Linkage should be cleaned and lubricated with a light oil
- Damaged blades seals should be replaced (No need to remove vent to service)

Although maintenance frequency depends on conditions such as temperature, humidity, dust and debris level, three to four maintenance checks per year are recommended.