



CONTROL DAMPERS

HANDLING, INSTALLATION & MAINTENANCE

HANDLING:

Because of the nature of control dampers, careful handling is the first step required for successful operation and performance. Dampers must be handled with care to prevent bending, or twisting of frames, blades and linkage control parts.

INSTALLATION:

Dampers must be installed, in all cases, squarely, without twisting or bending of frames blades or linkages. The protrusion of screws, bolts, angles or other fastening devices must not interfere with damper operation. Dampers should be installed with blades in a horizontal position, unless ordered otherwise. Dampers with blades required in a vertical position shall be c/w ball bearings or thrust washers.

STRUCTURAL SUPPORTS:

Structural supports are not supplied with any Westvent product, but will be required to support any multi-section dampers. Structural supports to be supplied and installed by others.

COMMISSIONING:

The effects of improper installation and operation are the responsibility of the customer and the installer. If there are any problems with the dampers, please advise "Westvent" before system startup for correction. Western Ventilation Products Ltd. cannot and will not accept responsibility for selection of product, or damage that may be caused by faulty installation or operation of system.

MAINTENANCE:

The severity of operating conditions will normally indicate the frequency of service maintenance. Severe and abrupt changes in temperature, humidity or dust particles in the air stream will require a seasonal maintenance check. The recommended minimum frequency for maintenance checks is every three months, an industry standard.

A: Linkage

Clean and lubricate with a light lubricating oil. Concealed channel linkage may require complete removal of damper.

B: Blade Tip Seals

Check for damage and replace if necessary. No need to remove damper to service.

C: Blade End (jamb) Seals

Clean and lubricate with a light lubricating oil. To replace the side seals, remove the bolts holding the pivot shaft pins to the blades, and install new seals if required.

If you have any questions, please contact us.

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