

## COMMERCIAL CONTROL AND BACKDRAFT DAMPER OPERATION & MAINTENANCE

### MODELS: COMMERCIAL CONTROL AND BACKDRAFT DAMPERS

Regular maintenance is essential to ensure that a building's air control system will perform as intended under normal conditions. Regular maintenance should include periodic testing of all equipment associated with the air control system such as initiating devices, fans, dampers, controls, etc. Ruskin recommends each damper be cycled and tested every 6 months and in accordance with local codes and actuator manufacture recommendations (if damper has actuator). If dampers are installed in potentially dirty airstreams, the blades and other internal parts may need annual cleaning to avoid dirt build up.

### MAINTENANCE

- Remove any foreign material.
- Verify that hardware used to install damper does not contact moving parts of the damper.
- Lubricate linkage, bearings and other moveable parts with a silicone lubricant. **Do not use petroleum-based products as they could cause excessive dust collection.**
- Operate (open and close) the damper via the actuator or extended shaft.
- Check the blade linkage to make sure the blade shafts and blades rotate 90° from full open to full closed.
- Consult Ruskin if problems are encountered.

### OPERATION

- Operate damper through full cycle, verify that all blades open and close completely. Check for loose linkage from actuator (if used) through jackshifting (if multi-section) and damper side linkage. Tighten linkage as required.

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