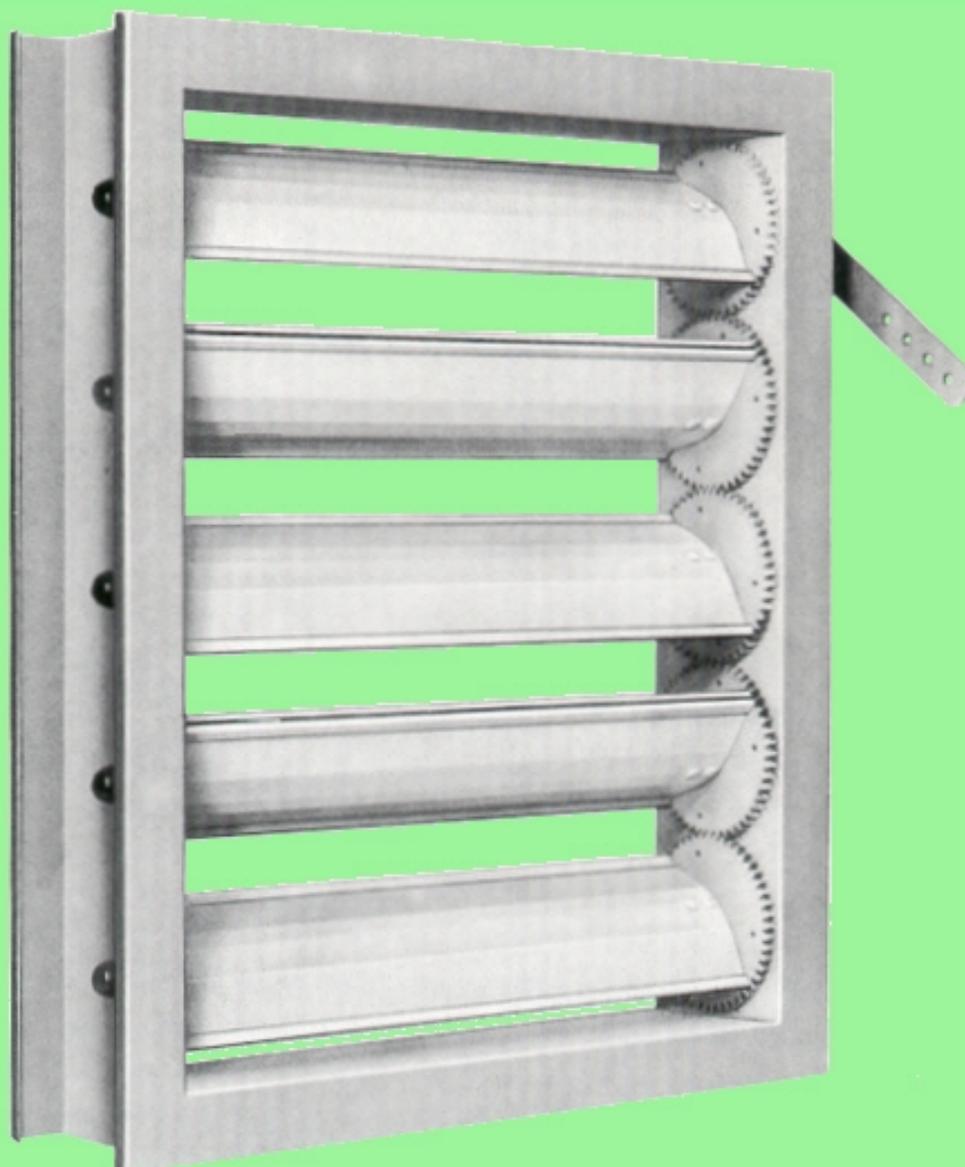


Installation instructions Directions for operation and maintenance



Installation instructions

Operation and maintenance directions for multi-leaf dampers

1. Transport:

The blades of the multi-leaf dampers must not be lifted up during transport. This could result in damage due to distortion. The multi-leaf dampers should not be used as a "ladder".

2. Operation:

The blades must be operated only by means of the drive shaft. Operation by rotating the blades is not permitted. The drive shafts have a diameter of 12 mm or a form-fit execution of SW 9 mm.

3. Installation:

The installation of the dampers between ducts, on the wall or within devices (air conditioning equipments, ventilating devices) must be performed without warping, free of tensions, planely and in an exact angle of 90°. The multi-leaf dampers must be closed during installation.

4. Maintenance:

Depending on the degree of soiling of the medium, dry cleaning should be performed periodically. Attention: do not clean the dampers with cleaning products, otherwise the seals will be damaged! Furthermore, the dampers are to be operated periodically according to the system-dependent conditions. This prevents adhesion of the blade seals, if the blades are closed.

5. Accident risks:

Do not reach into the blades.

Do not lift up or carry the dampers by the blades.

A risk of injury exists on the gearwheels and the sharp edges.