

# Operating and Maintenance Guide

## MANUEL AND AUTOMATIC FIRE SLIDING DOORS

MS0651B- MS0652B

AS0651B- MS0652B

MS1001B- MS1002B

AS1001B- MS1002B

MS1501B- MS1502B

AS1501B- MS1502B

### Maintenance:

By choice of materials these doors have been designed so as to require a minimum of maintenance. Your attention is, however, drawn to the fact that certain fittings may require maintenance. Such as:

1. Guide rails are to be kept clean of dirt and impurities, and the recess should be greased very lightly on a regular basis.
2. The driving wheel bolts and nuts to be checked at regular intervals, and tightened if necessary.
3. Bottom guide rail and bottom guide should be checked for wear and that it is correctly engaged. This should be on a regular basis.
4. Outside bow handle and inside recess handle, of stainless steel, should be checked at regular intervals, and wiped off with a view to any external impact. This is to be done using a light acid free oil cloth. Also, screws may have to be tightened.
5. Gaskets to be checked at regular intervals, and replaced if damaged in order that the door may remain tight.
6. Heating cables in freezer door to be checked regularly for emission of heat in order that the gaskets remain ice free.
7. Mounting hardware for wall in the trailing edge of the sliding rail should be checked that it has not shaken loose.
8. Counter weight, wire and wire wheel should be checked and lubricated on a regular basis, and also test that the counter weight system works and that the shock absorber reduces the closing of the door.
9. Check that the folds on the frame and door are freely engageable without scraping on each other.
10. Besides the counter weight there are a smaller counter weight in the rear only on very large doors, which secures that the head counter weight does not close too fast. This prevents a wire break which is placed in the small counterweight box.

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### Automatic Doors:

1. The toothed rack drive to be checked at regular intervals, and tightened if necessary (**NOTE: Toothed rack may not be lubricated**).
2. Check on a regular basis that the counter hold roller holds the toothbar in engagement on the motor gear wheel. Adjusted and tightened if necessary.
3. Motor bracket with motor, gear wheel, and fitting parts to be checked at regular intervals, and tightened if necessary.
4. Limit stop to be checked at regular intervals for wear and tear, and replaced if necessary.

### Adjustment:

1. Adjustment may be performed according to drawings for the particular door type.
2. DAN-doors Installation/Service Department may be requisitioned. Phone: +4540909967
3. A service and maintenance agreement may be signed with DAN-doors.

### Cleaning:

Detergent types referred to below shall meet the requirements prepared by the Danish Technological Institute (Teknologisk Institut).

In the food industry, there may be a requirement to the effect that the detergents used shall have been approved by the Danish Veterinary and Food Administration.

Such approval shall appear from the label, with reference to a journal number.

Data sheet/supplier directions for use should always be read prior to commencing work.

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### Plastisol Coated Doors:

Properties: Resistant to water, weak acids, and alkalis. Has an appropriate surface and is thus easy to keep clean.

Cleaning Methods: Cleaning with universal or basic detergents. Lime encrustations may be removed by lime remover. Wash thoroughly with water.

Not resistant to: Strong acids and solvents.

### Stainless Steel Doors:

Properties: Resistant to water, weak acids, and alkalis. Has a smooth surface, and is thus easy to keep clean.

Cleaning Methods: Washing with universal or basic detergents. Lime encrustations may be removed with lime remover. To be rubbed in using white (blue) hand scouring nylon. Wash thoroughly with water.

Not resistant to: Long-term impact from brine, hydrogen chloride, chlorides, sulphuric acid or hydrochloric acid. Also please refer to resistance tables for steel quality AISI 304.