

# Operation and maintenance guide

## MANUAL AND AUTOMATIC SLIDING DOORS

MS0501- MS0502

MS0601- MS0602

AS0501- AS0502

AS0601- AS0602

MS1001- MS1002

MS1501- MS1502

AS1001- AS1002

AS1501- AS1502

### Operation:

A manual door is opened and closed by means of pulling the inside and outside handles.

An automatic door is operated by means of pushing the open/stop/close buttons on the control panel or the push-button station. Alternatively, the door may be equipped and operated by means of:

1. Pull cord switches with nylon line
2. Radio remote control
3. Radar
4. Photo cell system
5. Induction loops

### 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. Outside and inside handles, 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. The handle will normally not require any lubrication between stainless steel and the plastic handle holders.
4. Gaskets to be checked at regular intervals, and replaced if damaged in order that the door may remain tight.

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1. Heating cables in freezer door to be checked regularly for emission of heat in order that the gaskets remain ice free.
2. Tighten all nuts and bolts on the counter weight system including on the top cross bar.

### Automatic Doors:

1. The toothed belt drive to be checked at regular intervals, and tightened if necessary (**NOTE: Toothed belt may not be lubricated.**)
2. Motor bracket with motor, gear wheel, and fitting parts to be checked at regular intervals, and tightened 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: +45 4090 9967
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.