

# Operating and Maintenance Guide

## MANUEL AND AUTOMATIC HINGED FIREDOORS

### 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. The movement of the locking box should be checked and lubricated at regular intervals.
2. 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 hinges are of non-fric and doesn't need lubrication.
3. Gaskets to be checked at regular intervals, and replaced if damaged in order that the door may remain tight.
4. Heating cables in freezer door to be checked regularly for emission of heat in order that the gaskets remain ice free.
5. Door closer to be checked at regular intervals and adjustment and lubrication of the arms pivots. Then the door closer is free of maintenance.
6. Door selector and espagnolette at 2-leaf doors should be controlled and checked at regular intervals and adjusted if necessary.

### Automatic doors:

1. Motor bracket with motor, gear wheel, and fitting parts to be checked at regular intervals, and tightened if necessary.
2. Limit stop to be checked at regular intervals for wear and tear, and replaced if necessary.

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### 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.

### Plastisol Coated Doors:

Properties: Tolerates water, weak acids and alkalis. The doors has an appropriate surface, and is therefore easy to 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.

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### 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.