

Operating and Maintenance Guide

DAN-SPEED ROLLER DOORS

AR0031- AR0045

Operation:

The door is fully automatic and 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

Adjustment of the control system:

The control system (Speed Commander Door Mini) has a number of standard settings from the factory, including:

Standard settings from the factory for AR0031:

- Opening speed 1.6 m per sec.
- Closing speed 0.3 m per sec.

Standard settings from the factory for AR0041:

- Opening speed 1.0 m per sec.
- Closing speed 0.3 m per sec.

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The control system is supplied with a frequency converter so that it can be adjusted to open and close faster or slower than the standard settings.

For safety reasons, it is strongly recommended that closing speed is not increased if people are to use the door.

See the DAN-doors control system manual for more information about adjusting the settings for the door and for fault-finding/fault solving according to the fault codes on the display.

Operation and maintenance:

Design and choice of materials has taken special account of the minimum maintenance requirement. However, the following should be noted:

1. The gear has been lubricated for life with 90 ml Shell Tivela Oil WA (alternatives: BP Energol SG 150, or Mobil Glygoyle 22, or Texaco Synlube SAE 90).
2. Check regularly that the photo cells in the legs of the door frame are working. Do this by activating the photo cells while the door is closing. If the door does not return to the open position, the cells are faulty and a fault code will appear on the display on the control panel. See the DAN-doors control system manual for how to solve the problem.
3. If the roller door has been fitted in a freezer room, the top cover must be removed once a month and any ice cleaned off. Similarly any ice on the canvas should be removed with a brush.

If the door has not been activated for a long time, there is a risk that the brake on the motor will not work (it is stuck). If this happens, when it is attempted to open the door, a fault message will appear on the display on the control panel. To solve the problem, the motor and the brake must be taken apart and serviced.

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For AR0031 the following also applies:

1. The guides with spring-release mechanism fitted on each side of the boom should be checked regularly for wear and tear and replaced as necessary.
2. Check the spiral cable connecting the boom with the control system regularly to ensure it can move freely and there are no breaks in the cable.
3. Check regularly that the air-safety strip on the underside of the boom is working. This is done by activating the air-safety strip when the door is closing. If the door does not return to the open position, the air-safety strip is faulty and a fault message will appear on the display on the control panel. See the DAN-doors control system manual for a solution or contact your DAN-doors service company.

Adjustment:

- Adjustment is possible, see the DAN-doors control system manual.
- DAN-doors fitting/service department can be contacted on tel. +45 4090 9967
- Service and maintenance agreements can be set up with DAN-doors a-s.

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CLEANING:

The door canvas:

The canvas should be cleaned with a soap solution.

NOTE: Cleaning agents containing solvents should **NEVER** be used.

Plastisol-coated Parts:

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 Parts:

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.