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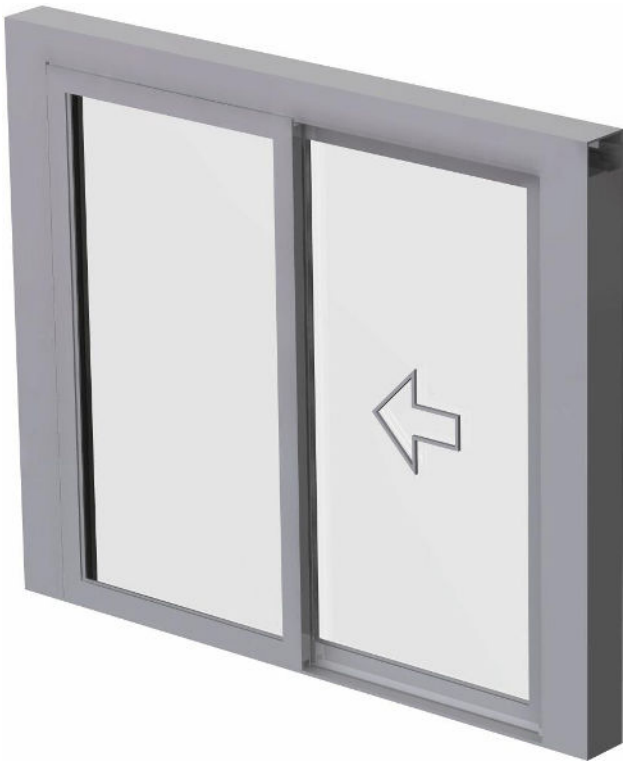

Fireslide EI30

Instruction manual

SVALSON

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The type designation and serial number is located on the sliding window. Svalson AB guarantees that the production of sliding windows marked with a type approval has been produced according to the type approval certificate and its associated documents.

1 CONTENTS

2 INTRODUCTION

Thank you for choosing the Svalson Fireslide EI30.

The Svalson automatic Sliding Window dramatically reduces the risk of wear injuries to the shoulders and joints, for users such as receptionists and cashiers.

When you ordered the Fireslide EI30, you assured yourself of the reliable engineering which is the hallmark of all Svalson AB products. Svalson AB has been making the Svalson Sliding Window since 1980, and is now Europe's largest manufacturers of automatic reception windows.

2.1 Where Should I Start If I Am …

2.1.1 … The User (Operator)?

Being the user of the Fireslide EI30, you should become well acquainted with all the contents of this instruction manual. Pay special attention to the following.

- Read Section 4 (Operation) and Section 7 (Functional checks).
- Run a functional check as described in Section 7.
- Read Section 8 (Care and maintenance) so you will know the necessary requirements for care and maintenance.
- Check that the installer has filled in the log sheet (Appendix 1).
- Carefully read the remainder of the instruction manual so that you will become acquainted with it and will be able to quickly find any information you may need. The type designation and serial number are specified both on the machine and at the end of this manual.

2.1.2 … An Installer?

The quickest way of getting started is to do everything correct right from the start. If you allow yourself 15 minutes to read this instruction manual, it may save you hours later on.

- Read Section 4 (Operation), 5 (Installation) and 7 (Functional checks).
- Read Section 8 (Care and maintenance) and Section 9 (Fault tracing and repairs). This section may be of great assistance if you encounter problems during the course of the installation work.
- Carefully follow the instructions during the installation work. Bear in mind that incorrect installation may restrict the terms of the warranty.
- Fill in the log sheet (Appendix 1) after completing the installation work.

2.1.3 … A Repair Technician?

The quickest way of getting started is to do everything correct right from the start. If you allow yourself 15 minutes to read this instruction manual, it may save you hours later on.

- Read Sections 4 (Operation), 7 (Functional checks), 8 (Care and maintenance) and 9 (Fault tracing and repairs).
- Carefully read Section 5 (Installation).

- Fill in the log sheet (Appendix 1) after completing the repair work.

3 DESCRIPTION

The Fireslide EI30 is designed for indoor use, e.g. in receptions.

The Sliding window is very simple to operate by means of a control box. The screen is provided with a mechanical lock, which automatically locks the movable window in closed position.

It is possible to provide the screen with an alarm relay. The alarm relay automatically closes the Svalson Sliding Window after activation by, for example, a fire alarm.

The Fireslide EI30 is matched to the customer's specific requirements. The dimensions are entirely optional, and the moving direction can be either horizontal or vertical.

4 OPERATION

The Fireslide EI30 is normally operated by means of a control box and/or a pedal. To make this instruction manual easier to read, the term 'control box' will be used here to denote both the control box and the pedal. The Sliding window can be opened or closed by pressing the appropriate button on the control box. The drive motor for the Sliding window will keep running as long as the button is depressed, and will stop when the button is released. Don't keep the button depressed unnecessarily long after the movable window has reached the end of its travel, since this would cause unnecessary wear of the motor.

All Sliding windows are equipped with some form of unloading system which will come into operation if anything should prevent the window from moving freely. However, children and sensitive people may sometimes experience discomfort if struck by the movable window. So don't move the Sliding window to the closed position until you have checked that there are no persons or objects in the window opening. Always be particularly observant when there are children in the vicinity.

The Sliding window can also be equipped with other types of control devices. Instructions for such devices are delivered separately.

5 INSTALLATION

IMPORTANT NOTE. Carefully read the entire installation instruction before starting the installation work.

For the Sliding window to operate smoothly, it must be correctly installed in accordance with the manufacturer's instructions. Under no circumstances may holes be drilled in the frame sections of the Sliding window, since electrical parts and moving parts are contained inside the frame sections. Modifications, alterations or incorrect installation of the Sliding window will restrict the terms of the warranty.

See separate installation instructions.

6 DISMANTLING AND RECYCLING

Material recovery has been taken into account in the production of the Sliding window. Most of the material included in the Sliding window can be recovered. For instructions, please contact the manufacturer or the importer/dealer.

7 FUNCTIONAL CHECKS

Run the movable section back and forth a few times and check that it runs smoothly, without any scraping sounds.

The Fireslide EI30 is equipped with a latch which automatically locks the movable section. To check that the lock performs as intended, run the Sliding window to the closed position and check that it is locked.

8 CARE AND MAINTENANCE

The Sliding window needs no lubrication or periodic maintenance. However, to make sure that the Sliding window will perform well, all dust and dirt must be excluded from bearing tracks and sliding surfaces.

If a Sliding window becomes stiff to operate is usually due to settlement of the building. In such cases, the Sliding window mounting must receive attention.

After a period of operation, the drive belt and slipping clutch may have to be adjusted. Please contact the producer or reseller to receive service instructions.

9 FAULT TRACING AND REPAIRS

Malfunction may be caused by electrical and mechanical faults. To investigate electrical faults, an electrical measuring instrument, such as a universal meter, may often be needed. Certain electrical and mechanical faults can generally be detected after certain functional checks.

THE MOST COMMON REASON FOR THE SLIDING WINDOW NOT OPERATING IS THAT THE POWER SUPPLY CABLE HAS BEEN DISCONNECTED FROM THE WALL SOCKET. So always start the fault tracing by making sure that the power supply cable is plugged into the socket and that all other cables are securely connected.

9.1 The Motor Fails to Run Even Though the Button is Depressed

Check that the wall socket is live.

Check with a universal meter:

- that the voltage on the secondary side of the transformer (or the back-up battery) agrees with the rated voltage.

- the voltage (reversible DC) at the connector from the control box to the Sliding window. Note that you must press the open or close button before there is a voltage across the connector.

- the voltage (reversible DC) at the cable connections at the motor. Note that you must press the open or close button for the supply to be live across the connections.

The part that does not conduct current is faulty and must be changed.

If there is a DC voltage at the connection to the motor but the motor still fails to run, the motor is presumably faulty and must be changed. A simple way of checking the motor and its connections is to turn the drive wheel with the round pins separated and with the pins short-circuited. The motor should be stiffer to turn when the round pins are short-circuited. If the motor is equally easy to turn in both cases, either the round pins make poor contact or the motor is faulty

9.2 The Sliding Window Fails to Lock or Fails to Open from the Closed Position

Check that the Sliding window has been installed at right angles. If the angle is incorrect, the latch may not be in the right position on the movable window. See previous section as well.

9.3 A clattering sound is heard at start when opening or closing the moving section

The drive belt slacks and need to be adjusted. Please contact the producer or reseller to get service instructions.

9.4 The Sliding Window Moves in Only One Direction

The control box is faulty and must be changed.

10 TECHNICAL SPECIFICATIONS

The following specifications apply as standard for the Fireslide EI30. See separate instructions if the Sliding window is delivered with non-standard equipment.

	Horizontally moving	**Vertically moving**
Width	Up to 2600 mm.	Up to 1140 mm.
Height	Up to 1140 mm.	Up to 2600 mm.
Frame thickness	90 mm.	
Side post thickness	45 mm	115 mm.
Top profile height	45 mm.	
Bottom profile height	45 mm.	
Width/Height glass frame	20 mm.	
Construktion	Motor, drive belt and automatic locking device is built into the frame of the window.	
Locking	Mechanical lock that locks the movable window automatically in closed position.	
Power supply	230 V AC transformer. Optional: battery backup.	
Operating system	Electromechanical operating system with push-and-hold manoeuvring. Optional: S3 operating system (with functions like soft start/stop, adjustable speed, impulse manoeuvring (push-and-release), alarm closure, etc.) that can be used with a number of different manoeuvre boxes.	
Glass	Pyro stop EI30.	
Wooden profiles	Pine.	
Surface treatment	Satin anodised aluminium profiles. Wooden trim painted in any colour.	
Sound level	The equivalent continuous A-weighted sound pressure level will not exceed 70 dB(A) on normal operating (25%).	

APPENDIX 1

Log sheet

Date	Name / Company / Telephone	Service work / Repair