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› [Hormann](#) /

› Hormann Berry-Schwingtor N80 902 White Up-and-Over Garage Door User Manual (2250 x 1920 mm)

Hormann N80 2250x1920 mm

Hormann Berry-Schwingtor N80 902 White Up-and-Over Garage Door

Model: 2250 x 1920 mm

INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Hormann Berry-Schwingtor N80 902 White up-and-over garage door. Please read this manual thoroughly before proceeding with any installation or operation to ensure proper function and safety.

General Safety Information

- Always follow local building codes and safety regulations during installation.
- Installation should be performed by qualified personnel.
- Keep hands and loose clothing clear of moving parts.
- Do not allow children to play with or near the garage door.
- Regularly inspect the door for signs of wear or damage.

PRODUCT FEATURES

The Hormann Berry-Schwingtor N80 902 is an up-and-over garage door designed for individual garages, offering a blend of robust construction, advanced safety features, and smooth operation.

- **CO2 Neutral Manufacturing:** This product is manufactured with a focus on environmental responsibility, achieving CO2 neutrality through reduction and compensation efforts.
- **Robust Steel Construction:** The door features a sturdy steel frame and door leaf, reinforced by two steel braces for enhanced durability and stability.
- **Advanced Safety System:** Equipped with a multi-spring safety system that includes pinch protection, crush protection, and shock absorption to prevent injuries.

- **Comfortable Operation:** Features a centrally positioned star-shaped plastic handle for easy manual operation. The door includes a special lock with a multi-closing function and a profile half-cylinder that can be locked and unlocked from the inside.
- **Smooth Functionality:** Plastic rollers and bushings in all bearing points, along with a buffered stop device, ensure quiet and fluid movement of the door.

COMPONENTS INCLUDED

The package for your Hormann Berry-Schwingtor N80 902 garage door typically includes:

- Hormann Berry-Schwingtor N80 902 Up-and-Over Door Leaf (White, Alloy Steel)
- 3-sided rectangular tubular steel frame
- Ceiling rails
- Removable lower stop profile with damping
- Star-shaped plastic handle
- Special lock with multi-closing function and profile half-cylinder
- Plastic rollers and bushings
- Multi-spring safety system
- Mounting hardware (screws, anchors, etc.)

SETUP AND INSTALLATION

Installation of the Hormann Berry-Schwingtor N80 902 requires careful attention to detail and adherence to safety guidelines. Professional installation is recommended to ensure correct functionality and safety.

Pre-Installation Requirements:

- The support surface at the door opening must be horizontal.
- If installing externally, the gate must have a slight slope.
- Ensure adequate clearance for the door's movement path.

Installation Steps (Overview):

1. **Frame Assembly:** Assemble the 3-sided rectangular tubular steel frame according to the detailed instructions provided in the separate installation guide.
2. **Frame Mounting:** Securely mount the assembled frame within the garage door opening. Ensure it is level and plumb.
3. **Door Leaf Attachment:** Attach the door leaf to the frame, connecting the multi-spring safety system and rollers to the ceiling rails.
4. **Lock and Handle Installation:** Install the star-shaped handle, special lock, and profile half-cylinder.
5. **Adjustments and Testing:** Perform all necessary wiring, adjustments, and fine-tuning. Conduct thorough testing to ensure smooth operation, proper balance, and effective locking.



Figure 1: Internal view of the Hormann Berry-Schwinger N80 902 garage door mechanism. This image shows the ceiling rails, spring system, and door leaf in an open position, illustrating the operational components.

OPERATING INSTRUCTIONS

Your Hormann Berry-Schwinger N80 902 is designed for easy manual operation.

Opening the Door:

1. If locked, unlock the door using the key in the profile half-cylinder.
2. Grasp the star-shaped plastic handle firmly.
3. Gently lift the door upwards. The multi-spring system will assist in the lifting motion.
4. Continue lifting until the door is fully open and secured by the buffered stop device.

Closing the Door:

1. Grasp the star-shaped plastic handle.
2. Pull the door downwards smoothly and evenly.
3. Ensure the door closes completely and the lower stop profile engages.
4. To secure, turn the key in the profile half-cylinder to engage the 2-point locking mechanism. The adjustable plastic rotary latch automatically engages.

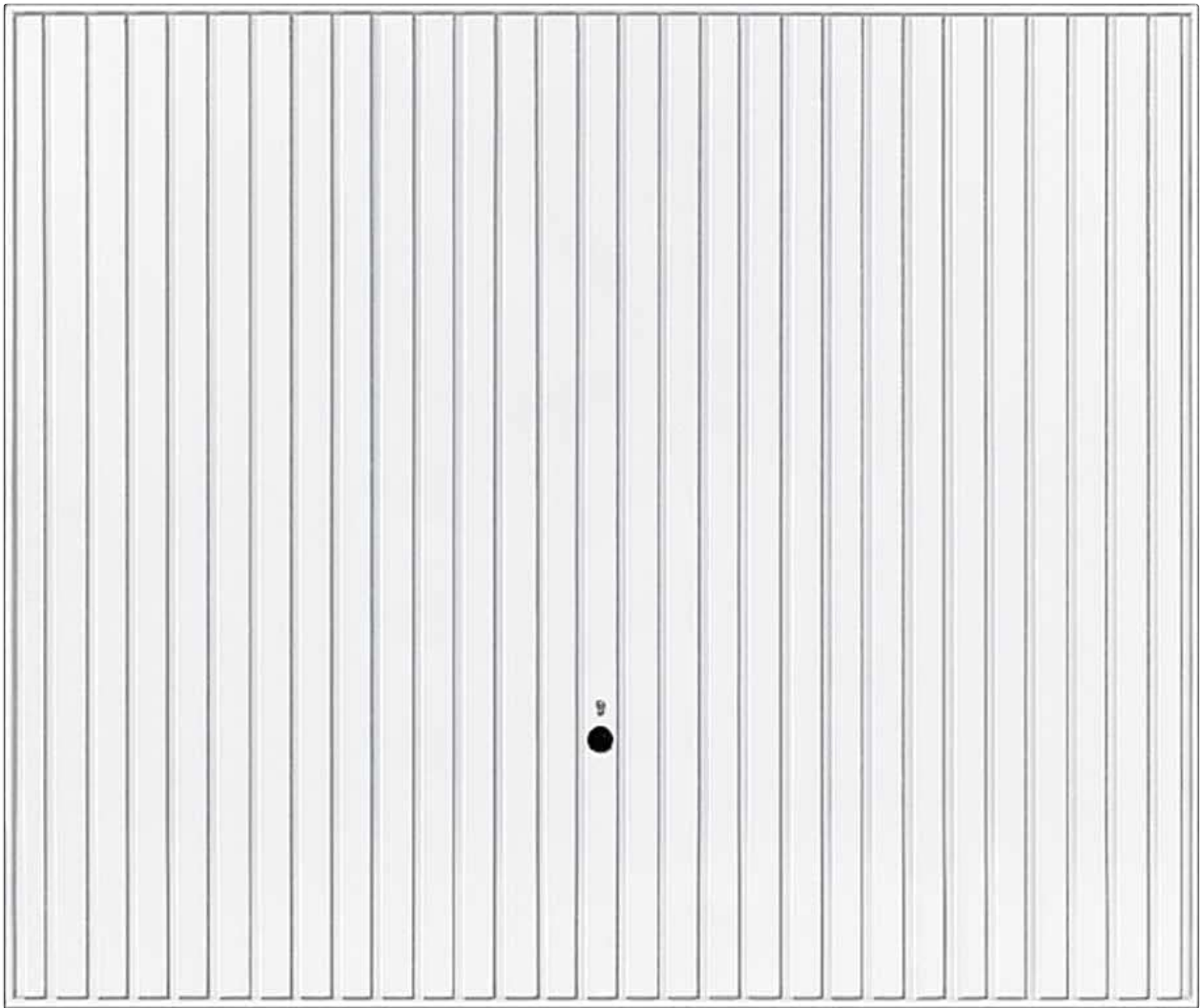


Figure 2: Front view of the Hormann Berry-Schwinger N80 902 garage door in a closed position, showing the central handle and overall design.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your garage door. Perform these checks periodically:

- **Cleaning:** Clean the door leaf and frame with a mild detergent and water. Avoid abrasive cleaners.
- **Lubrication:** Periodically lubricate all moving parts, including rollers, hinges, and springs, with a silicone-based lubricant. Do not use grease on tracks.
- **Spring System Check:** Inspect the multi-spring system for any signs of damage, rust, or wear. If any springs appear damaged, contact a professional for replacement.
- **Fastener Check:** Ensure all screws, bolts, and fasteners are tight. Tighten any loose hardware.
- **Balance Test:** With the door closed, disconnect any automatic opener (if applicable) and manually lift the door halfway. It should stay in place. If it drifts up or down, the springs may need adjustment by a professional.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Door is difficult to open or close.	Lack of lubrication, damaged rollers, or unbalanced springs.	Lubricate moving parts. Check rollers for damage. If springs are unbalanced, contact a professional.
Door makes excessive noise.	Dry or worn rollers, loose hardware.	Lubricate rollers and hinges. Tighten all visible fasteners.
Door does not lock properly.	Misalignment of the door or locking mechanism, damaged lock components.	Check for obstructions. Ensure the door closes fully. Inspect the lock mechanism for damage. If issues persist, contact a professional.

For issues not listed here or if solutions do not resolve the problem, please contact a qualified garage door technician.

SPECIFICATIONS

Brand	Hormann
Model Name	Berry-Schwingtor N80 902
Dimensions (W x H)	2250 x 1920 mm
Color	White
Material	Alloy Steel
Assembly Required	Yes

WARRANTY AND SUPPORT

Information regarding specific warranty terms and conditions for the Hormann Berry-Schwingtor N80 902 is not available in this document. Please refer to your purchase documentation or contact your retailer or the manufacturer directly for warranty details and customer support.

For technical assistance or professional service, it is recommended to contact an authorized Hormann dealer or a certified garage door technician.