

Cornat TECWS403

Cornat TECWS403 M24 Faucet Aerator Instruction Manual

Model: TECWS403

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Cornat TECWS403 M24 Faucet Aerator. This product is designed to reduce water consumption by up to 80% while providing a soft, splash-free water jet. Please read these instructions carefully before installation and retain them for future reference.

SAFETY INFORMATION

- Ensure the main water supply is turned off before attempting any installation or maintenance.
- Use appropriate tools to avoid damaging the faucet or aerator.
- Do not overtighten the aerator, as this may damage the threads or seals.
- This aerator is not suitable for unpressurized water systems.
- Keep small parts away from children to prevent choking hazards.

PACKAGE CONTENTS

Your package should contain the following items:

- 2 x Cornat TECWS403 M24 Faucet Aerators
- 2 x Seals

SPECIFICATIONS

Model Number	TECWS403
Thread Size	M24 x 1 AG (Male Thread)
Water Saving	Up to 80%
Flow Rate	3.0 liters/minute
Material	Brass

Surface Finish	Chrome Plated
Color	Silver
Dimensions (L x W x H)	15 x 6.5 x 3.5 cm
Weight	40 g
Manufacturer	Conmetall Meister GmbH

SETUP AND INSTALLATION

Follow these steps to install your new Cornat TECWS403 M24 Faucet Aerator:

- 1. Turn off Water Supply:** Locate the main water shut-off valve for your sink or the entire house and turn it off to prevent water flow during installation.
- 2. Remove Old Aerator:** Most aerators can be unscrewed by hand. If it's too tight, use an aerator wrench or pliers (with a cloth to protect the finish) to gently twist it counter-clockwise.
- 3. Clean Faucet Spout:** Clean any debris, mineral deposits, or old gasket material from the inside of the faucet spout threads. This ensures a proper seal for the new aerator.
- 4. Insert New Seal:** Place one of the provided seals into the new Cornat TECWS403 aerator. Ensure it sits flat and correctly within the aerator.
- 5. Screw in New Aerator:** Carefully align the new aerator with the faucet spout threads. Turn it clockwise by hand until it is snug. Avoid overtightening.
- 6. Turn on Water Supply:** Slowly turn the main water supply back on.
- 7. Check for Leaks:** Turn on the faucet and check for any leaks around the aerator. If leaks occur, gently tighten the aerator a little more. If leaks persist, ensure the seal is correctly seated and the threads are clean.



Image showing the Cornat TECWS403 M24 faucet aerator, a silver-colored brass component designed for water saving.

OPERATING INSTRUCTIONS

The Cornat TECWS403 M24 Faucet Aerator operates automatically once installed. It mixes air into the water stream, creating a soft, aerated flow. This process effectively reduces the amount of water used by up to 80% without compromising the perceived

water pressure. The aerated stream also minimizes splashing and reduces flow noise, enhancing your faucet's performance.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your aerator:

- **Cleaning the Sieve:** The integrated sieve collects dirt particles and sediments. If you notice a reduction in water flow or an uneven spray pattern, the sieve may be clogged. Unscrew the aerator from the faucet. The plastic filter/sieve can be easily removed and cleaned under running water or with a small brush.
- **Descaling:** In areas with hard water, limescale deposits can build up. To descale, soak the aerator (after removing the sieve) in a solution of water and white vinegar for a few hours. Rinse thoroughly before reassembling and reinstalling.
- **Regular Inspection:** Periodically check the aerator and seal for any signs of wear or damage. Replace if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low water flow	Clogged sieve or limescale buildup.	Clean the sieve and descale the aerator as described in the Maintenance section.
Water leaks around the aerator	Aerator not tightened enough, damaged seal, or dirty threads.	Ensure the aerator is hand-tightened securely. Check the seal for proper placement and damage; replace if necessary. Clean faucet threads.
Uneven spray pattern	Partial blockage in the aerator or sieve.	Remove and clean the aerator and sieve thoroughly.
Aerator does not fit faucet	Incorrect thread size.	Verify your faucet's thread size. This aerator is M24 x 1 AG (male thread).

WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer, Conmetall Meister GmbH, or your retailer. Keep your proof of purchase for any warranty claims.

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