WAGNER W 665

Wagner WallPerfect W 665 Paint Spray System

Instruction Manual

1. Introduction

This manual provides detailed instructions for the safe and effective use of your Wagner WallPerfect W 665 Paint Spray System. Designed for applying interior wall paints, this system utilizes WAGNER PerfectSpray technology to ensure excellent spray quality for walls and ceilings. Please read this manual thoroughly before operating the device to ensure proper setup, operation, and maintenance.

2. Safety Information

WARNING: Always prioritize safety when operating power tools.

- Use the device only in well-ventilated areas to prevent inhalation of paint fumes.
- Wear appropriate personal protective equipment, including safety glasses and protective gloves, to prevent contact with paint.
- If paint accidentally comes into contact with eyes, rinse thoroughly with clean water and seek medical attention if irritation persists.
- Keep the device out of reach of children and store it securely when not in use.
- Do not eat, drink, or smoke while operating the paint spray system.
- In case of accidental ingestion or inhalation of paint, seek immediate medical assistance.
- The compressor generates significant noise; consider wearing hearing protection during extended use.
- Paint mist is generated during spraying; wear a respiratory mask to avoid inhalation.

3. Product Overview and Components

The Wagner WallPerfect W 665 is designed for efficient paint application. Familiarize yourself with its main components:

- **Base Unit:** Houses the compressor and power connection.
- **Spray Gun:** Features the I-spray nozzle, paint container, and trigger for paint application.
- **Air Hose (3.5 m):** Connects the base unit to the spray gun.
- **Click & Paint System:** Allows for quick attachment and detachment of the spray gun for easy refilling and cleaning.
- **1800 ml Reservoir:** Paint container capacity.

Included Accessories:

- Instruction Manual
- Cleaning Set
- Viscosity Cup
- Sieve
- Spray Gun Lubricant
- Measuring Cup
- Power Adapter
- Nozzle Adapter
- Spare Seal
- Shoulder Strap
- Nozzle



Figure 1: Overview of the Wagner WallPerfect W 665 Paint Spray System.

4. Setup

Proper preparation is crucial for a successful painting project.

1. **Prepare the Work Area:**
    - Remove all furniture and items from the room if possible. If not, move large furniture away from walls and cover all items, including floors, with plastic sheeting or newspaper, securing them with masking tape.
    - Clean walls thoroughly to remove dust, loose paint, wallpaper particles, and dirt. A broom can be used to sweep down walls from ceiling to floor.
    - Mask off baseboards, window frames, door frames, and any other areas you do not wish to paint using painter's tape.
2. **Prepare the Paint:**
    - Most interior wall paints require dilution for optimal spraying. Refer to the paint manufacturer's instructions or the Wagner manual for recommended dilution ratios. A common starting point is 5-10% dilution with water for water-based paints.
    - Use the included viscosity cup to test the paint's sprayability. Fill the cup with diluted paint and time how long it takes for the paint to flow out. Adjust dilution until the recommended flow time is achieved.
    - Stir the paint thoroughly after dilution.
3. **Assemble the System:**
    - Connect the air hose to both the base unit and the spray gun. Ensure connections are secure.
    - Fill the spray gun's paint container with the prepared paint. The container is detachable via the Click & Paint System for easy refilling. Note that the container is relatively small and may require frequent refilling for larger areas.
    - Attach the filled paint container to the spray gun.



Figure 2: Preparing the room and paint before spraying.

5. Operating Instructions

Follow these steps for effective paint application:

1. **Power On:** Plug the power adapter into a suitable electrical outlet and turn on the device. The compressor will start.
2. **Adjust Nozzle and Settings:**
    - The nozzle can be adjusted horizontally or vertically depending on the area you are painting (e.g., vertical for corners, horizontal for broad walls).
    - Adjust the paint and air mixture on the nozzle to achieve the desired spray pattern and coverage. It is recommended to test settings on a piece of cardboard or an inconspicuous area first.
3. **Spraying Technique:**
    - Maintain a consistent distance from the surface (typically 15-25 cm) and move the spray gun at a steady pace.
    - Apply paint in a "cross-hatch" pattern: one pass horizontally, followed by one pass vertically. This ensures even coverage and prevents drips or streaks.
    - Keep your hand straight and avoid swinging the spray gun, as this can lead to uneven paint application.
    - Begin spraying at the top of the wall, near the ceiling. For room corners, spray vertically from ceiling to floor.
    - Overlap each spray pass by approximately 50% to ensure full coverage.
4. **Multiple Coats:** Allow sufficient drying time (usually 2-3 hours) between coats. Assess coverage after the first coat and apply additional coats as needed.
5. **Refilling:** When the paint container is low, detach it using the Click & Paint System, refill with prepared paint, and reattach.



Figure 3: Applying paint to a wall using the spray system.


WallPerfect

Figure 4: Painting a corner with precision.



Figure 5: Demonstrating ease of use for various users.

6. Maintenance and Cleaning

Thorough cleaning after each use is essential to maintain the device's performance and longevity.

1. **Disassembly:** Unplug the device. Detach the paint container and then unscrew the nozzle from the spray gun. The nozzle is typically secured with a plastic screw cap.
2. **Cleaning the Nozzle and Container:**
    - For water-based paints, clean all parts (nozzle, container, suction tube) thoroughly with warm water and the included cleaning brush. Pay special attention to the nozzle, as it can easily clog.
    - For lacquer paints, clean the device with appropriate thinner as recommended by the paint manufacturer.
3. **Cleaning the Air Hose and Base Unit:**Wipe down the exterior of the air hose and base unit with a damp cloth. Ensure no paint enters the air intake or exhaust vents.
4. **Drying:** Allow all cleaned parts to dry completely before reassembling or storing the device.
5. **Lubrication:** Apply a small amount of the included spray gun lubricant to moving parts or seals as indicated in the full manual to ensure smooth operation.

7. Troubleshooting

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Paint not spraying or spraying inconsistently	Nozzle clogged; paint too thick; air hose kinked; paint container empty.	Clean the nozzle thoroughly; dilute paint further using the viscosity cup; check air hose for kinks; refill paint container.
Paint runs or drips on the wall ("noses")	Paint applied too thickly; paint too thin; spray gun too close to surface; moving too slowly.	Adjust spray technique (move faster, maintain distance); slightly thicken paint if too thin; smooth runs with a brush immediately.
Poor coverage or streaks	Insufficient paint flow; incorrect spray pattern; paint too thin; uneven application.	Adjust paint/air mixture; ensure cross-hatch technique; apply a second coat after drying; check paint dilution.
Device is very loud	Normal operation of the compressor.	Wear hearing protection during use.
Excessive paint mist	Normal byproduct of spraying.	Ensure good ventilation; wear a respiratory mask.

8. Specifications

Specification	Detail
Manufacturer	WAGNER
Item Model Number	2301731

Specification	Detail
Product Dimensions	46.5 x 25.5 x 28.3 cm
Weight	2.8 kg
Color	White, Black
Style	Pistol
Material	Metal
Power Source	Corded Electric
Voltage	230 Volts
Wattage	370 Watts
Number of Items in Package	1
Hose Length	3.5 Meters
Tank Volume	1800 Cubic Centimeters
Recommended Uses	Painting (Interior Wall Paint)

9. Warranty and Support

For warranty information, technical support, or spare parts, please contact WAGNER customer service directly. Refer to the contact details provided with your product packaging or visit the official WAGNER website.

© 2024 WAGNER. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question