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› Dotool Airless Paint Sprayer User Manual

Dotool RP8628

Dotool Airless Paint Sprayer User Manual

Model: RP8628

PRODUCT OVERVIEW

The Dotool Airless Paint Sprayer (Model RP8628) is a high-efficiency tool designed for various painting projects, from home interiors and exteriors to fences, decks, and furniture. It features a powerful 950W motor and can handle up to 200 gallons of paint annually. The system allows for direct spraying from 1 or 5-gallon pails, offering superior control and a smooth, brushless finish. Its robust design ensures durability and consistent performance, making large painting tasks significantly faster and easier than traditional methods.



Figure 1: Complete Dotool Airless Paint Sprayer system with all included accessories.

INCLUDED COMPONENTS

The Dotool Airless Paint Sprayer comes with a comprehensive set of accessories to facilitate various painting tasks and maintenance. Please ensure all components are present before beginning assembly.

- DOTOOL Spray Gun
- DOTOOL 515 Spray Tip
- 517 Spray Tip
- 45-Foot Premium Paint Hose
- 12-inch Tip Extension
- Cleaning Kit (includes brush and cleaning tool)
- 2 Wrenches

- User Manual Brochure (this document)



Figure 2: Detailed view of the main sprayer unit and its labeled accessories, including the spray gun, hose, tips, and wrenches.

SETUP INSTRUCTIONS

Proper setup is crucial for safe and efficient operation. Follow these steps carefully:

1. **Prepare the Work Area:** Ensure the painting area is well-ventilated. Cover all surfaces not intended for painting with plastic sheeting or drop cloths to protect them from overspray. Wear appropriate personal protective equipment (PPE), including protective clothing, gloves, and eye protection.
2. **Assemble the Sprayer:**
 - Connect the high-pressure hose to the sprayer unit's paint hose outlet and to the spray gun. Ensure all connections are tight using the provided wrenches.
 - Attach the desired spray tip (e.g., 515 or 517) to the spray gun, ensuring it is securely seated.

- Insert the paint inlet hose into your paint container (1 or 5-gallon pail). The inlet hose has a mesh filter at the end to prevent debris from entering the system.

3. Prime the System:

- Turn the pressure control knob to the lowest setting (0 PSI).
- Set the spray/prime switch to the "Prime" position.
- Place the return hose (small hose) into a waste bucket or back into the paint container if priming with paint.
- Turn on the power switch. The pump will begin to draw paint. Wait until a steady stream of paint flows from the return hose, indicating the system is primed and air has been purged.
- Turn off the power switch.

4. **Release Pressure:** Before adjusting settings or disconnecting components, always release system pressure. Turn the pressure control knob to 0 PSI and set the spray/prime switch to "Prime". Point the spray gun into a waste bucket and pull the trigger to release any residual pressure.

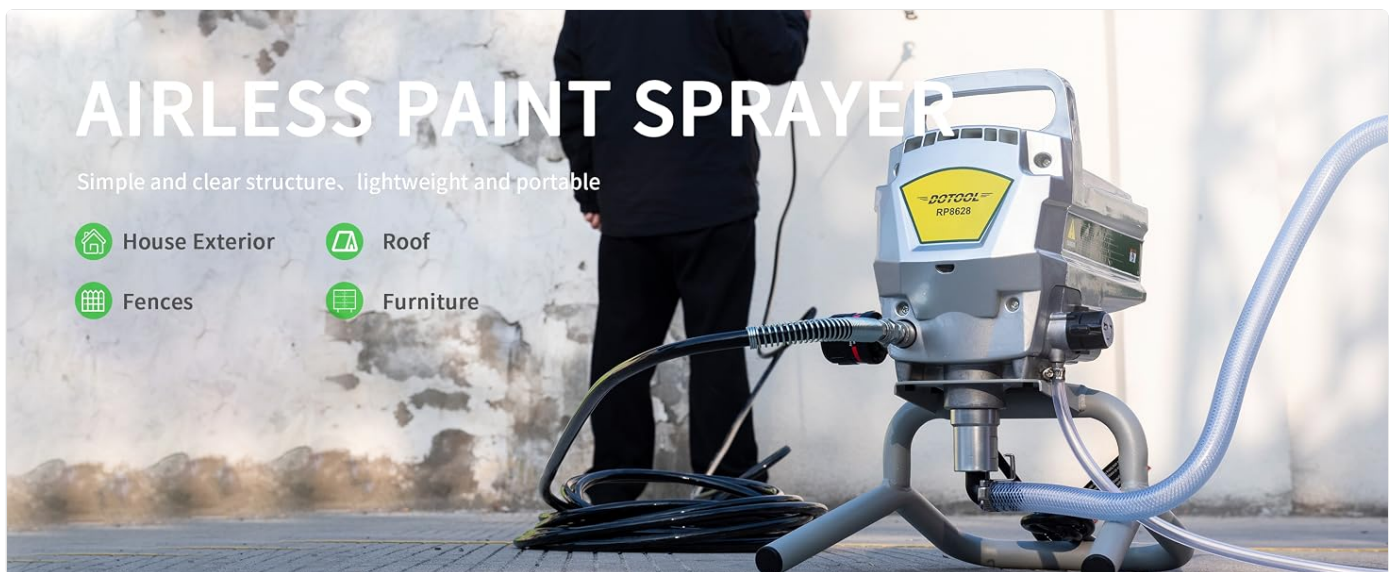


Figure 3: Visual guide for initial assembly and pressure relief steps.

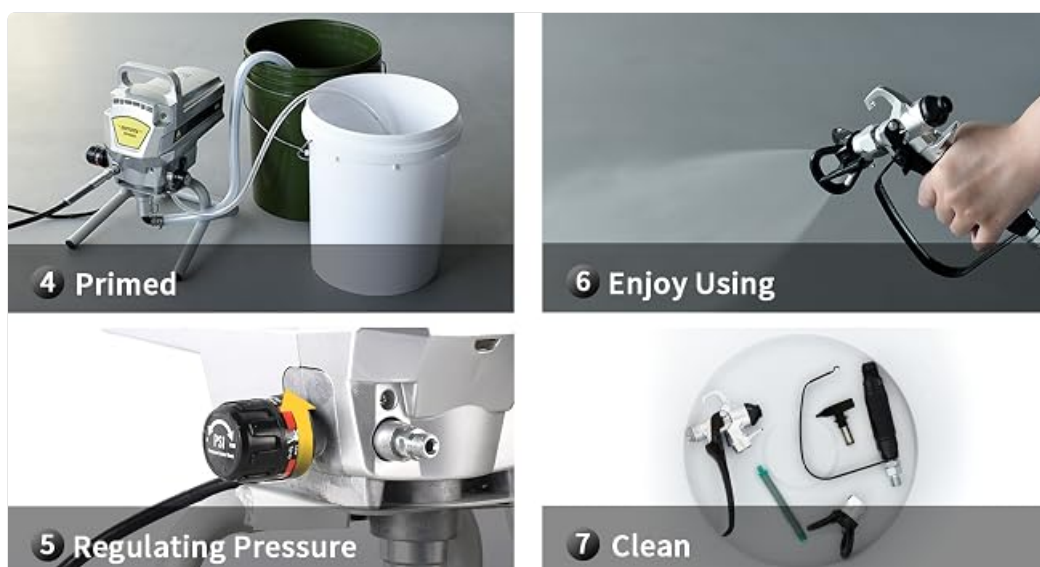


Figure 4: Close-up of the pressure control knob, essential for managing spray pressure.

OPERATING INSTRUCTIONS

Once the system is primed, you are ready to begin spraying. Always test the spray pattern on a piece of scrap material

before applying to your project surface.

1. **Adjust Pressure:** Turn the pressure control knob to the desired PSI setting. Higher pressure is generally used for thicker paints and faster application, while lower pressure is suitable for thinner coatings and more detailed work. The sprayer supports up to 3300 PSI.
2. **Set to Spray:** Move the spray/prime switch to the "Spray" position.
3. **Begin Spraying:** Hold the spray gun approximately 10-12 inches from the surface, keeping it perpendicular to avoid uneven coverage. Pull the trigger fully and move the gun in smooth, even strokes. Release the trigger at the end of each stroke.
4. **Maintain Consistent Movement:** Overlapping each pass by about 50% will ensure uniform coverage. Avoid stopping the gun's movement while the trigger is pulled to prevent paint buildup.
5. **Utilize Extension Pole:** For high ceilings or hard-to-reach areas, attach the included 12-inch tip extension to the spray gun. The 45-foot hose length also provides ample reach for large projects.



PAINT FOR MANY SMALL TO MEDIUM PROJECTS



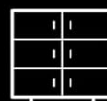
House Exterior



Roof



Fences



Furniture



Ship

Figure 5: The sprayer in action, demonstrating its use for large surface painting projects.

MULTIPLE CONTROLS PIGMENT FLOW



Figure 6: The pressure control knob allows for precise adjustment of pigment flow, enabling high or low spray settings.

PRECISE AND DELICATE SPRAYING EFFECT

EFFECTIVELY REDUCE PAINT WASTE



Figure 7: The sprayer produces a dense and uniform paint mist, resulting in a smooth, brushless finish and reduced paint waste.

MAINTENANCE AND CLEANING

Thorough cleaning after each use is essential to prolong the life of your airless paint sprayer and ensure optimal performance for future projects.

1. **Depressurize the System:** Always turn off the power, turn the pressure control knob to 0 PSI, and set the spray/prime switch to "Prime". Point the spray gun into a waste bucket and pull the trigger to release all pressure.
2. **Flush with Water/Cleaning Solution:**
 - Remove the paint inlet hose from the paint container and place it into a bucket of clean water (for water-based paints) or appropriate cleaning solution (for oil-based paints).
 - Place the return hose into a waste bucket.
 - Turn on the power and set the spray/prime switch to "Prime". Allow the water/solution to circulate through the system until it runs clear from the return hose.

- Switch to "Spray" mode and spray the water/solution through the gun into a waste bucket until it runs clear.

3. Clean Components:

- Remove the spray tip and tip guard from the gun. Use the cleaning kit brush and tool to thoroughly clean the tip, tip guard, and the gun's fluid passages.
- Clean the mesh filter on the paint inlet hose.
- Wipe down the exterior of the sprayer unit and hoses with a damp cloth.

4. **Store Properly:** Once clean and dry, store the sprayer in a cool, dry place. For long-term storage, consider using a pump protector fluid to prevent internal corrosion.

Figure 8: Overview of the operational and cleaning process, highlighting the importance of thorough cleaning.



Figure 9: Instructions for disassembling and cleaning the spray nozzle to prevent clogs.

TROUBLESHOOTING

This section addresses common issues you might encounter during operation.

Problem	Possible Cause	Solution
Sprayer not priming or no paint flow.	Inlet hose not submerged in paint. Air in the system. Clogged filter or tip. Pressure control knob too low.	Ensure inlet hose is fully submerged. Re-prime the system as per "Setup Instructions". Clean the inlet filter and spray tip. Increase pressure setting.
Uneven spray pattern or spitting.	Clogged spray tip. Incorrect pressure setting. Paint too thick.	Clean or replace the spray tip. Adjust pressure for optimal atomization. Thin paint according to manufacturer's recommendations (if applicable).

Problem	Possible Cause	Solution
Paint leaking from connections.	Loose connections. Damaged O-rings or seals.	Ensure all connections are tightened with wrenches. Inspect and replace any worn or damaged O-rings/seals.

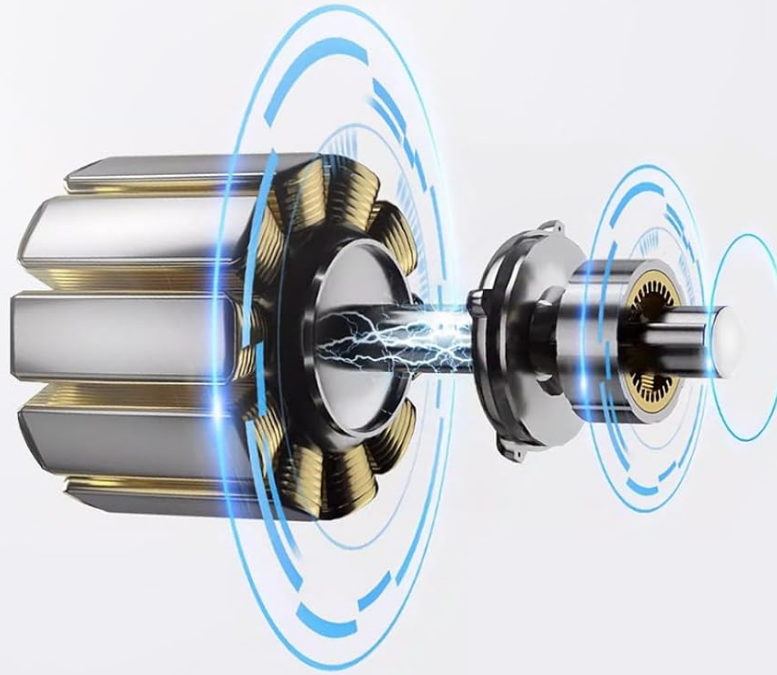
For issues not covered here, please refer to the full user manual or contact Dotool customer support.

SPECIFICATIONS

Feature	Detail
Brand	Dotool
Model Name	RP8628
Power Source	AC (950W)
Maximum Pressure	3300 PSI
Hose Length	45 Feet
Tank Volume (Recommended)	1 or 5 Gallons (direct pail use)
Material	Plastic, Metal
Product Dimensions	11.81"W x 15.74"H
Item Weight	23.1 pounds
Recommended Uses	Home exteriors, home interiors, ceilings, fences, decks, garages, furniture. Suitable for water-based or oil-based paints.

UNPARALLELED POWER AND LONG-LASTING QUALITY

Furniture covers An 8' X10' Wall In Just 1-3mins,
With No Thinning Needed!



GALONES
PROJECT SIZE

15
»»»»

GALONES
ANNUAL USE

200
»»»»

GPM
MAX FLOW RATE

0.52
»»»»

Figure 10: The 950W motor provides unparalleled power, capable of handling significant annual paint volumes and high flow rates.

SAFETY INFORMATION

Always prioritize safety when operating the paint sprayer. Failure to follow safety guidelines can result in serious injury or property damage.

- Wear protective clothing, gloves, and eye protection while using this product.
- Use only in well-ventilated areas to avoid inhalation of paint fumes.
- Ensure all electrical connections are secure and the power source matches the sprayer's requirements (110V/60Hz).
- Never point the spray gun at people or animals.
- Always depressurize the system before cleaning, adjusting, or disconnecting any components.
- Store chemicals (paints, thinners, cleaning solutions) in a cool, dry place away from children and pets.
- Do not operate the sprayer if any part is damaged or leaking.



Figure 11: Important safety warnings and instructions are clearly marked on the sprayer unit.

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Dotool customer service directly. Refer to the original packaging or the official Dotool website for the most up-to-date contact details. Additional protection plans may be available for purchase through authorized retailers. These plans typically cover extended periods beyond the manufacturer's standard warranty.

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Name

Anonymous

Email

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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