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› Tilswall Shark 600 HVLP Electric Paint Sprayer User Manual

TILSWALL US Shark 600

Tilswall Shark 600 HVLP Electric Paint Sprayer User Manual

1. PRODUCT OVERVIEW

The Tilswall Shark 600 is an ultra-light HVLP (High Volume Low Pressure) electric paint sprayer designed for various painting projects. It features adjustable spray patterns, flow control, and interchangeable nozzles for versatile application.

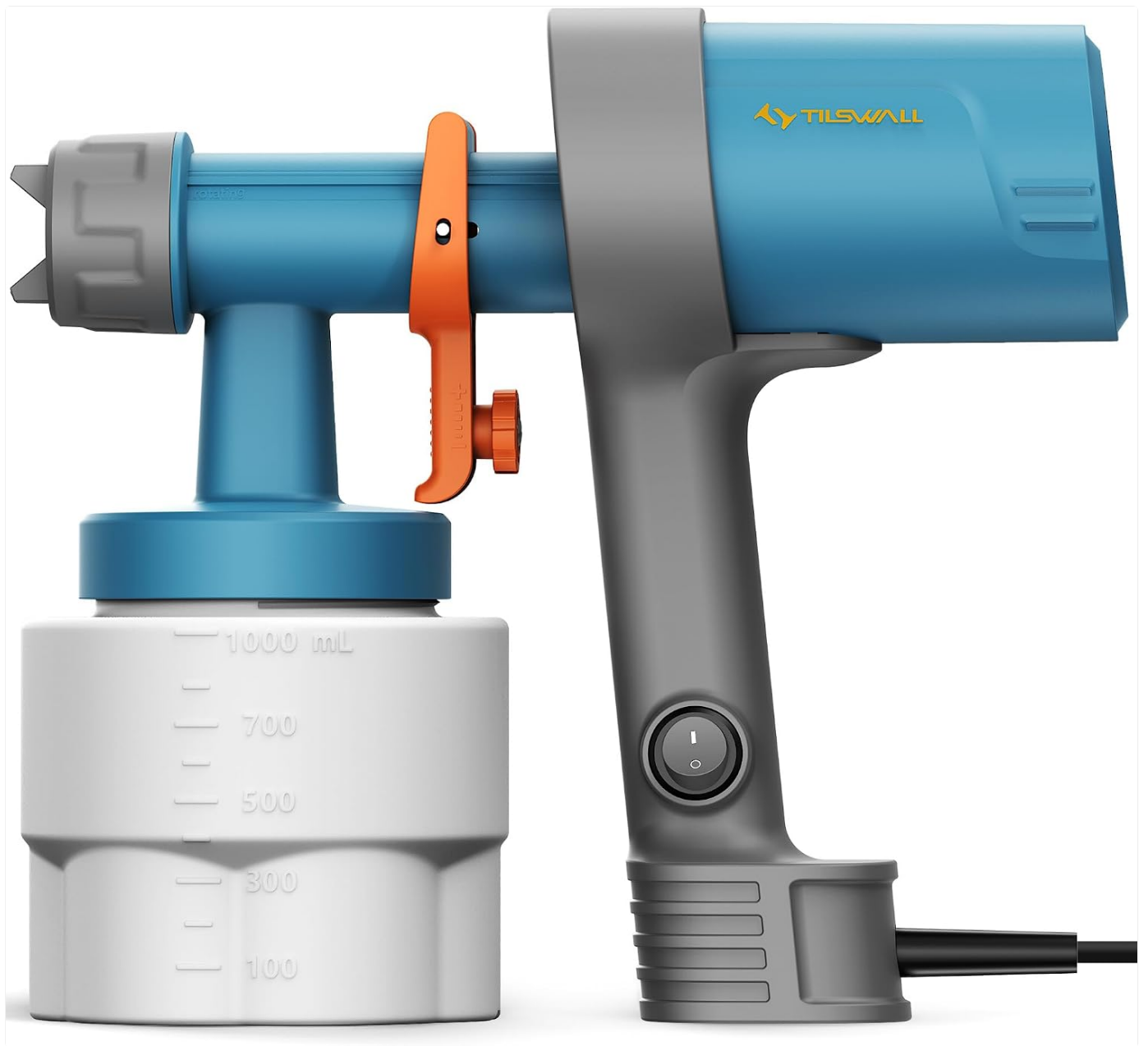


Image: Tilswall Shark 600 HVLP Electric Paint Sprayer, showing its compact design.

2. SETUP AND PREPARATION

2.1 Unboxing and Initial Inspection

Upon receiving your Tilswall Shark 600 paint sprayer, carefully remove all components from the packaging. Inspect for any signs of damage. Ensure all parts listed in the packing list are present.

2.2 Assembly

The Tilswall Shark 600 comes fully assembled. No complicated installation or tools are required for initial setup. Simply ensure the paint container is securely attached to the sprayer body.

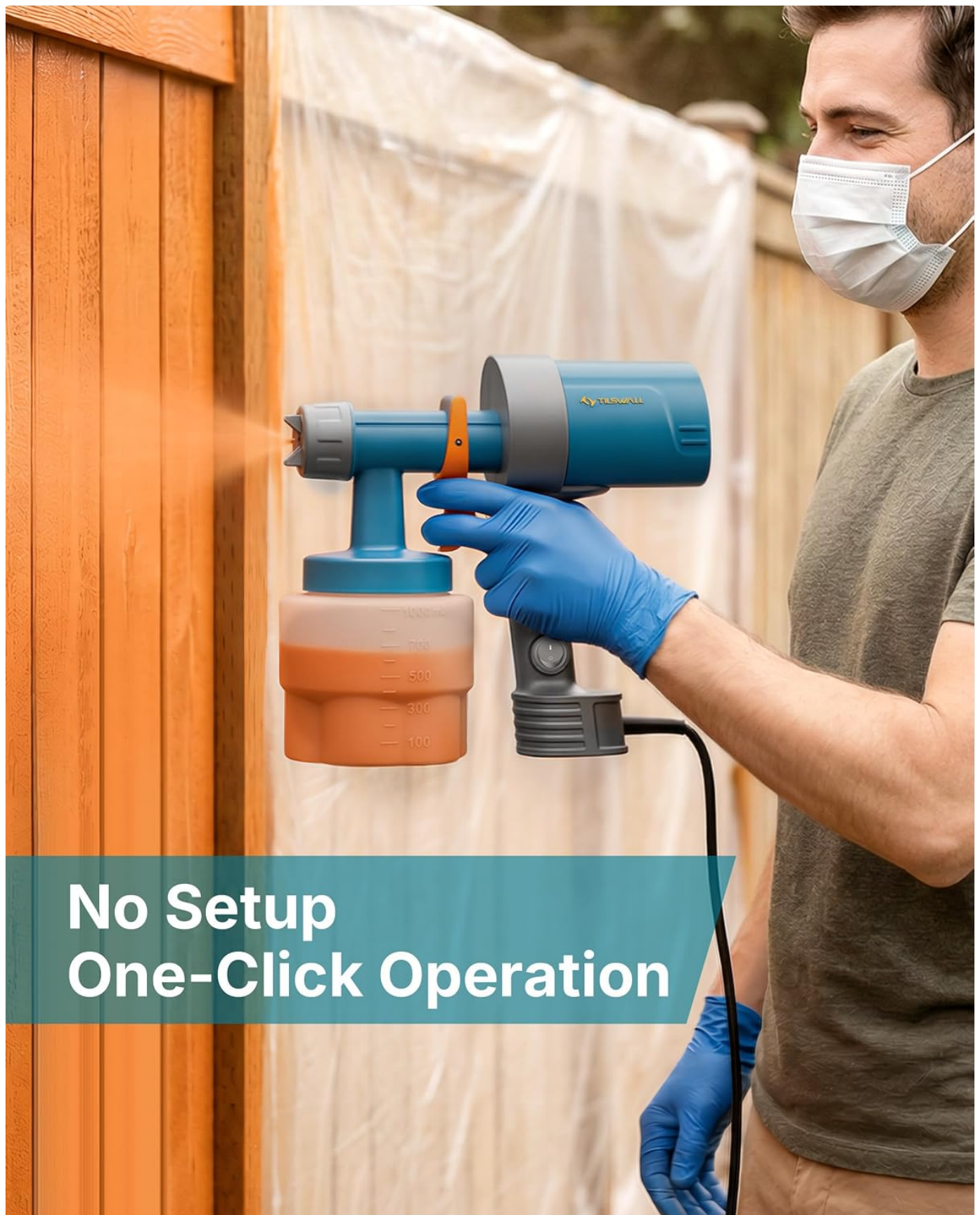


Image: User holding the Tilswall Shark 600 paint sprayer, illustrating its ready-to-use design.

2.3 Paint Preparation and Dilution

For optimal performance, paint must be thinned to the correct viscosity. Use the included viscosity cup to measure the flow-out time. Refer to the table below for general guidelines. Always filter the paint to remove clumps before spraying.

Paint Dilution Steps & Viscosity Standard



1
Pour paint
into a clean
mixing cup



2
Add
thinner/water
little by little



3
Stir Evenly



4
Measure
flow-out time
with viscosity
funnel



5
Filter paint &
start
spraying

SPRAY GUN PAINT VISCOSITY REFERENCE

Solvent based Primer 20-40 sec	Solvent based Paint 15-40 sec
Water-based Primer 25-40 sec	Water based Paint 20-35 sec
Emulsion Paint 30-40 sec	Automotive Primer 20-35 sec
Wood Preservatives / Oil / Steam Towerso / Insecticide/Disinfectants No Dilution Required	

DO NOT OVER-DILUTE

Image: Visual guide for paint dilution steps and viscosity standards.

Spray Gun Paint Viscosity Reference

Paint Type	Viscosity (Flow-out time)
Solvent-based Primer	20-40 seconds
Solvent-based Paint	15-40 seconds

Paint Type	Viscosity (Flow-out time)
Water-based Primer	25-40 seconds
Water-based Paint	20-35 seconds
Emulsion Paint	30-40 seconds
Automotive Primer	20-35 seconds
Wood Preservatives / Oil / Steam Towers / Insecticide / Disinfectants	No Dilution Required

DO NOT OVER-DILUTE.

Important: Always consult your paint manufacturer's instructions for specific thinning recommendations. Using water for oil-based or solvent-based paints will cause improper mixing and spraying issues.

2.4 Filling the Paint Container

After thinning and filtering, carefully pour the prepared paint into the 1000 ml container. Securely reattach the container to the sprayer body.

2.5 Adjusting the Suction Tube

The suction tube can be adjusted to ensure maximum paint pickup depending on the spraying angle. For downward spraying, orient the tube towards the front. For upward spraying, orient it towards the rear.

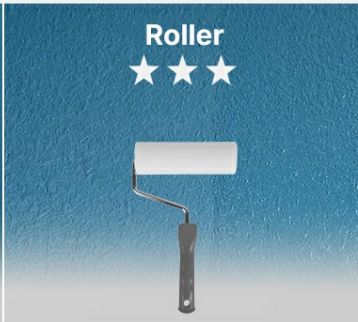
			
Speed (m ² /hour/person)	20-40 ↑	8-15	3-5
Finish Quality	Smooth ↑	Stippled Texture	Brush Mark
Paint	Save 25% ↑	/	/

Image: Diagram showing how to adjust the suction tube for different spraying angles.

3. OPERATING INSTRUCTIONS

3.1 Selecting Nozzle and Spray Pattern

The Tilswall Shark 600 includes three interchangeable nozzles (1.3mm, 1.8mm, 2.6mm) and supports three spray patterns: horizontal, vertical, and circular. Choose the appropriate nozzle and pattern for your project.

- **1.3mm Nozzle:** Ideal for small projects and fine finishes (20-50 DINs viscosity).
- **1.8mm Nozzle:** Suitable for small to medium projects (50-80 DINs viscosity).
- **2.6mm Nozzle:** Best for medium projects and broader coverage (80-120 DINs viscosity).

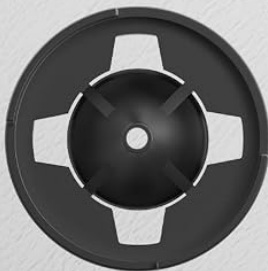
3 Nozzles Fit All Your Needs



1.3mm
20-50 DINS
Small Projects



1.8mm
50-80 DINS
Small to Medium



2.6mm
80-120 DINS
Medium Projects



Image: Illustration of the three nozzle sizes and their recommended uses.

To change the spray pattern, rotate the air cap to align the ears with the desired pattern icon (horizontal, vertical, or circular).

Adjustable Settings for a Perfect Fit

3 Spray Patterns

Vertical 180°



Circular 45°



Horizontal 90°



Adjustable Flow Control



Image: Diagram showing how to adjust the spray patterns and flow control knob.

3.2 Adjusting Flow Rate

The paint flow rate can be adjusted using the control knob located on the trigger. Turn the knob clockwise for more flow and counter-clockwise for less flow. Test the spray on a scrap piece of material to achieve the desired output.

3.3 Proper Spraying Technique

- **Distance:** Hold the spray gun 10-30 cm (4-12 inches) from the surface. Maintain consistent spacing throughout the

project.

- **Motion & Overlap:** Move the gun in smooth, parallel strokes at a steady speed (approximately 30-60 cm/second). Overlap each pass by about 50% to ensure even coverage and prevent streaks.
- **Orientation:** Always keep the gun perpendicular to the surface. Avoid tilting or arcing to maintain a uniform finish.

3.4 Official Product Videos

Tilswall Shark 600 Paint Sprayer User Guide

Video: A detailed user guide demonstrating the features and operation of the Tilswall Shark 600 Paint Sprayer.

Tilswall Shark 600 Paint Sprayer Overview

Video: An overview of the Tilswall Shark 600 Paint Sprayer, highlighting its ease of use and versatility.

4. MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial to prevent clogging and ensure the longevity of your paint sprayer. Clean the sprayer within 15 minutes after each use.

4.1 Cleaning Steps

1. **Empty Container:** Empty any remaining paint from the container.
2. **Initial Rinse:** Fill the container with appropriate cleaning solution (water for water-based paints, thinner for oil/solvent-based paints). Spray the solution through the gun until it runs clear.
3. **Disassemble & Rinse:** Unscrew the retaining nut and remove the air cap and nozzle. Thoroughly brush and rinse these detached parts with the appropriate cleaning solution.
4. **Clean Container & Tube:** Thoroughly brush and rinse the inside and outside of both the paint container and the suction tube.
5. **Unclog & Clean:** Use the nozzle cleaning needle to clear any internal blockages in the nozzle. Flush the gun body and brush away any remaining paint.
6. **Final Flush:** Always perform a final flush with solvent or clean water until the discharge runs completely clear.

Easy to Clean



Reminder: Clean spray gun within 15 min after use to prevent clogs.

Image: Step-by-step visual guide for cleaning the paint sprayer components.

Critical: Take care to avoid any water contact with the main body containing the motor.

4.2 Drying and Storage

After cleaning, allow all parts to air-dry completely in a cool place before reassembly. Store the sprayer in a clean, dry environment away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your Tilswall Shark 600 paint sprayer, consider the following common solutions:

- **Clogging:** Most clogging issues are due to improper paint thinning or insufficient cleaning. Ensure paint is thinned to the correct viscosity and filtered. Clean all parts thoroughly immediately after use.
- **Uneven Spray/Splattering:** This can be caused by incorrect paint viscosity, an improperly adjusted nozzle, or inconsistent spraying technique. Re-check paint dilution, ensure the nozzle is clean and correctly installed, and practice consistent distance and motion.
- **No Paint Flow:** Check if the suction tube is correctly positioned and free of blockages. Ensure the paint container is securely attached and contains enough paint. Verify the flow control knob is not set to minimum.

If problems persist after following these steps, please refer to the support section for assistance.

6. SPECIFICATIONS

Feature	Detail
Brand	TILSWALL
Model Name	US Shark 600
Model Number	US Shark 600
Tank Volume	1000 ml
Color	Blue
Material	Plastic
Power Source	AC
Included Components	Cleaning Kit, Nozzle, Viscosity Cup
Item Dimensions (W x H)	4.6"W x 10"H
Recommended Uses	Painting

7. WARRANTY AND SUPPORT

For any questions, issues, or support needs regarding your Tilswall Shark 600 paint sprayer, please contact Tilswall customer service. They are committed to providing prompt assistance and ensuring a satisfactory solution.

Please refer to your product packaging or the official Tilswall website for the most current contact information and warranty details.

ASK A QUESTION ABOUT THIS MANUAL

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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

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