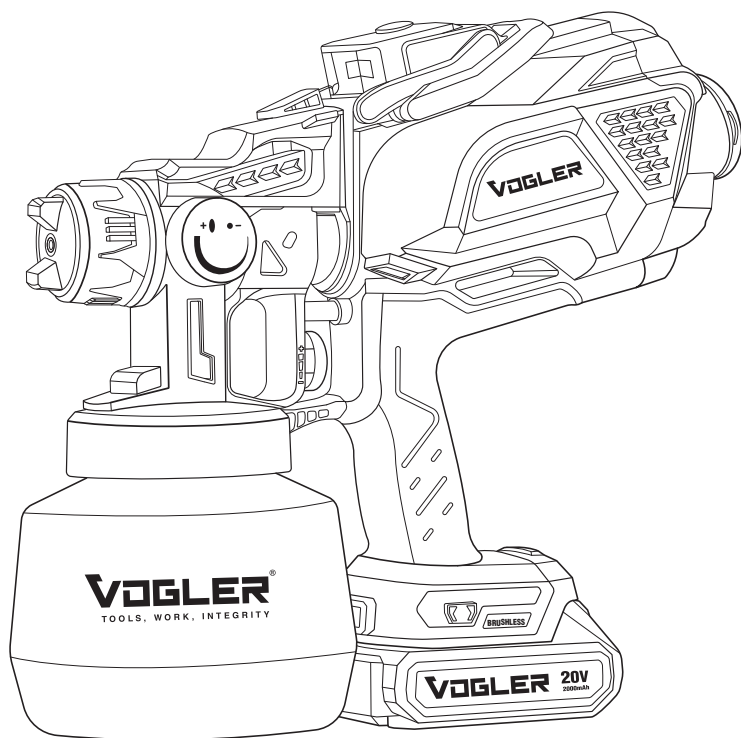


VOGLER[®]

TOOLS, WORK, INTEGRITY

V10487



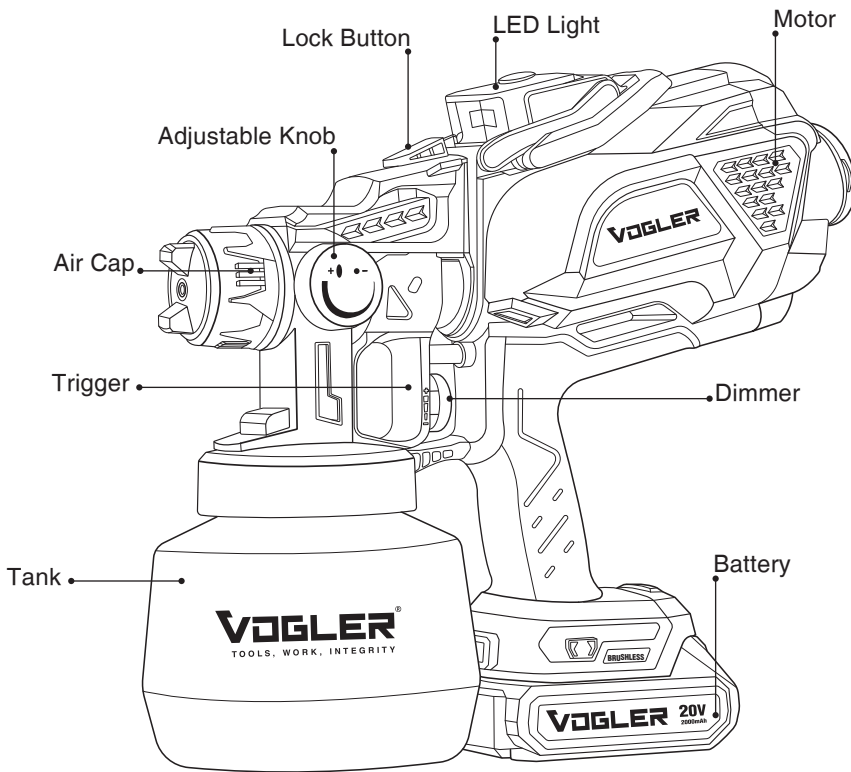
CORDLESS SPRAY GUN 20V



TECHNICAL SPECIFICATIONS

Model	V10487
Battery Voltage	20V
Battery Capacity	2.0Ah
Paint Reservoir	1200ml
Max. Viscosity	80Din/sec
Max. Flow	980ml/min
Speed	32000RPM
Battery Charging Time	60min
LED Voltage	20V
LED Power	4W
Flux	230Lm
CCT	6500K
Weight	1.5Kg
Packaging	Color box
Accessories	Clean Needle, Shoulder Strap, Viscosity Cup, Battery Pack (2Pcs), Charger, Nozzles (1.0mm/ 1.8mm/ 2.5mm), Spanner

PART LIST



IMPORTANT SAFETY TIPS

READ AND FOLLOW ALL INSTRUCTIONS

Like other cordless tools, the portable spray gun is safe when properly used but can be dangerous if misused. It is the responsibility of the user to read and understand all instructions, and safety precautions before operating the unit and also to use the unit properly.

Failure to do so may result in personal injury or loss of life and product damage.

Do not try to repair (or disassemble) the unit yourself. Repairs should be performed by the Vogler Service Center.

When using parts that do not comply with the specifications and safety

devices of the manufacturer, the user assumes all risks and liabilities.

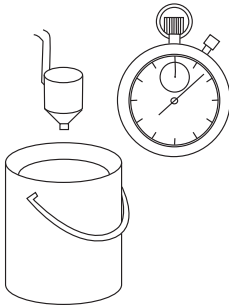
WARNING

- Do not spray flammable or combustible materials near an open flame, pilot lights, or sources of ignition such as hot objects, cigarettes, motors, electrical equipment, and electrical appliances.
- Keep the area clean and free of any paint or solvent containers, rags, and other flammable materials.
- This tool is only designed to be used with water-based with a minimum flash point of 73°F(22°C). (The flash point is the temperature at which a fluid can produce enough vapor to ignite)
- Always place the sprayer upright (do not place the sprayer upside down or on its side) to prevent liquid from entering internal wiring and causing electric shock.
- Keep the spray area well-ventilated. Make sure there's a good supply of fresh air moving through the area.
- When you stop spraying, always unplug the cord to prevent unintended operation.
- Clean the spray gun thoroughly after each use.
- To prevent electrical shock, never immerse the sprayer in water or other liquids.

HOW TO USE

THINNING PAINTS

- For your sprayer to operate properly it is important to make sure the paint is suitable for spraying.
- Hold the viscosity cup in your hand and block the bottom of it with one finger.
- Fill the viscosity cup with the diluted paint.
- Release your finger to let the paint leak and time it.
- Please refer to the thinning chart and picture.



Material	Run out Time (Sec)
1) Oil enamel	25-60
2) Oil based primer	30-60
3) Oil stain	No thinning required
4) Clear sealer	No thinning required
5) Polyurethane	No thinning required
6) Varnish	20-60
7) Lacquersanding sealer	25-35
8) Lacquer	25-35
9) Automotive finishes	20-40
10) Latex	45-90

CHOOSING THE PROPER NOZZLE

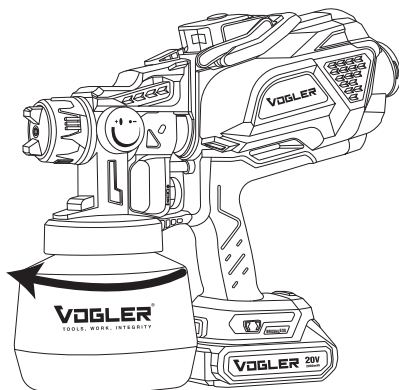
The portable spray gun can have a 1.0 mm / 1.8 mm/ 2.5 mm nozzle.

- You can change the spray nozzles with the M4 wrench by turning the tip counterclockwise and loosening the nozzle.
 - Place the desired nozzle tip on the gun head and tighten it with the M4 wrench.
 - Fix the nozzle with an air cap and a big nut to complete the replacement.
- Please use the table below as a reference for the nozzle size and the recommended paint.

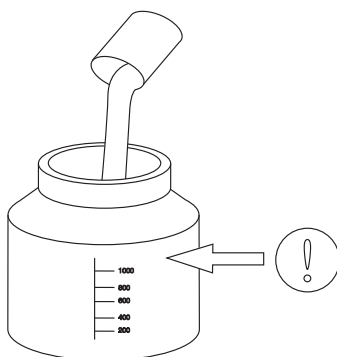
Nozzle size	Recommend material	Project type
1.0mm	Sealers and varnish	Furniture and woodworking projects
1.8mm	Stains and polyurethane	Furniture and woodworking projects
2.5mm	Latex paint, chalk-type paint, milk-type paint	Furniture and cabinets

ASSEMBLY

- Make sure the container is empty and dry.

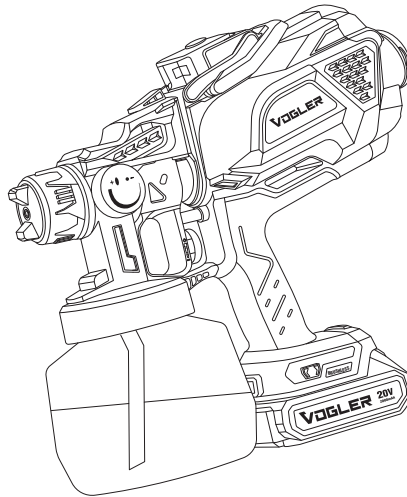


- Pour the thinned paint into the tank, do not exceed the MAX scale mark. After you are done, tighten the tank.



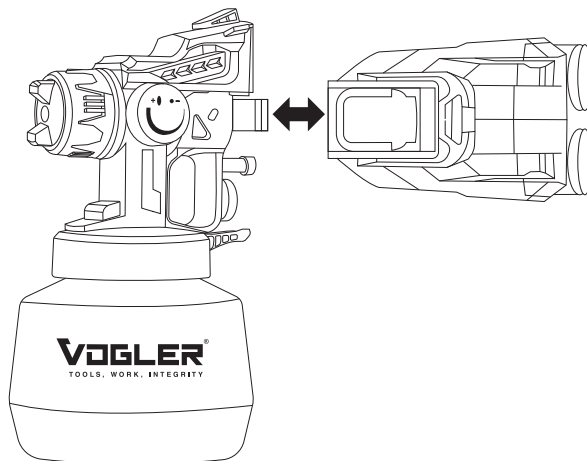
- Be sure the suction tube is inserted tightly.
- If you want to spray in a downward direction, the angled end of the suction tube should be pointing toward the front of the gun.
- If you want to spray in an upward direction, the angled end of the suction tube should be pointing

toward the rear of the gun.



CONNECTING THE GUN BODY TO THE MOTOR

- Hold the gun with your hand to align the slot on the gun with the slot on the motor and insert it.
- Hold the motor handle with your hand and rotate the right hand clockwise 90°.
- When the gun and the host are parallel, it means that it's locked.

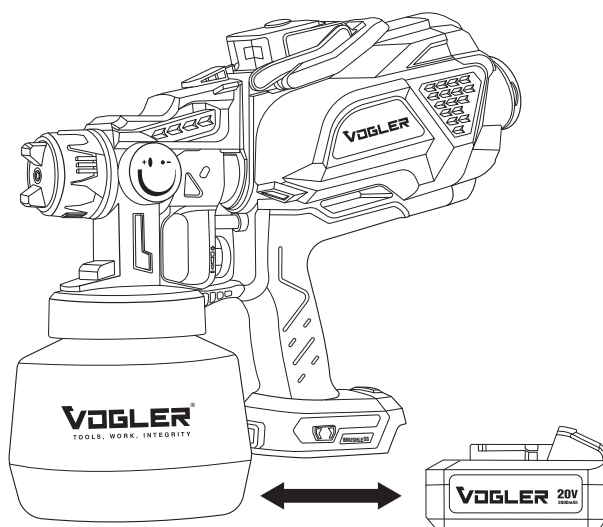


REMOVING THE MOTOR

- Hold the gun with your hand and press the latch in the direction shown in the picture.
- At the same time hold the motor handle with your hand and rotate it counterclockwise 90°.
- Pull it out to remove the motor from the gun.

REMOVING THE BATTERY PACK

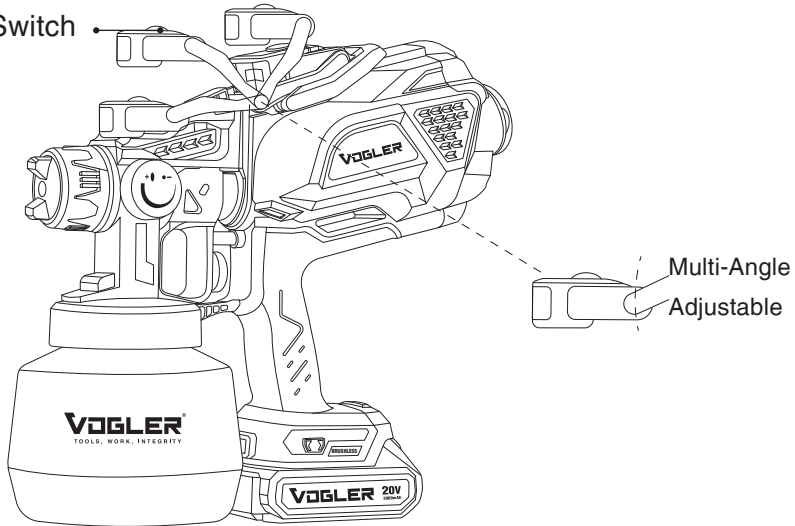
- Hold the spray gun with one hand and press and hold the button on the battery (as shown in the figure).
- Pull the battery out.



HOW TO USE THE LED LIGHTS

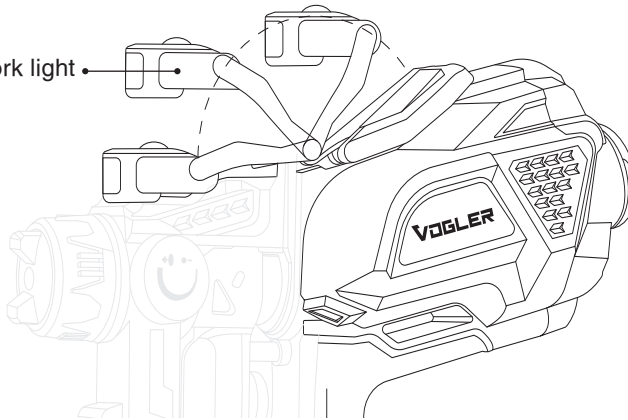
- Adjust the position of the LED light (as shown in the figure).
- Click the LED switch to turn on the LED light.

LED Light Switch



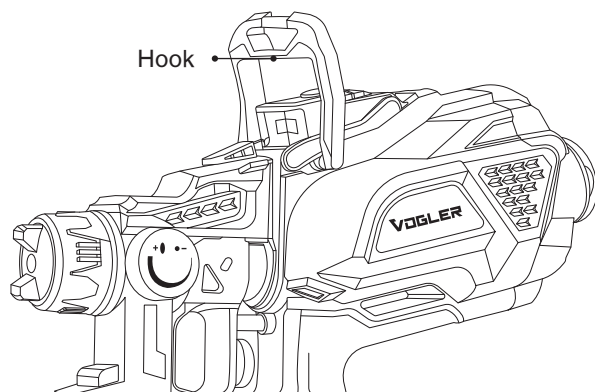
- When not in use, it can be detached and used as a work light.

Use as a work light



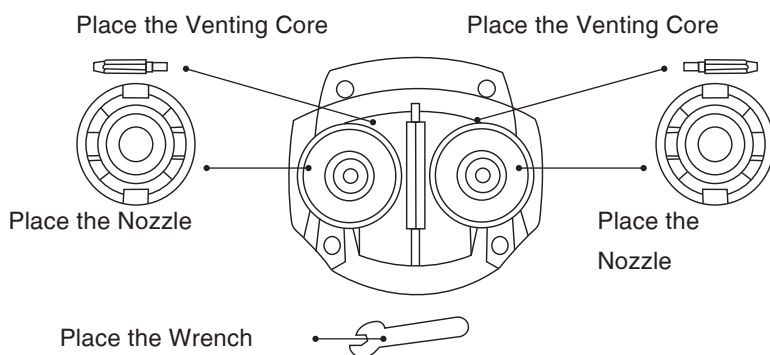
HOOK AND CARRYING

- You can use a shoulder strap and hang it on the hook to carry the tool on your shoulders.



ACCESSORY BOX

- First, insert the needle into the middle hole and secure it
- Next, place the nozzle in the outer center
- Finally, insert the wrench into the middle gap



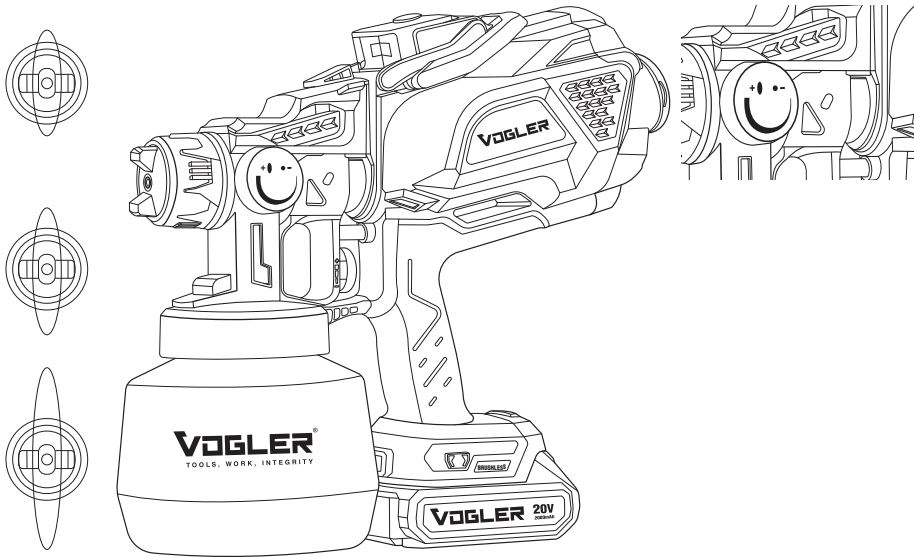
SPRAYING INSTRUCTIONS

THE SPRAY WIDTH ADJUSTMENT

Patent spray width adjustment helps you control the spray width according to the spraying environment, reducing waste and saving material.

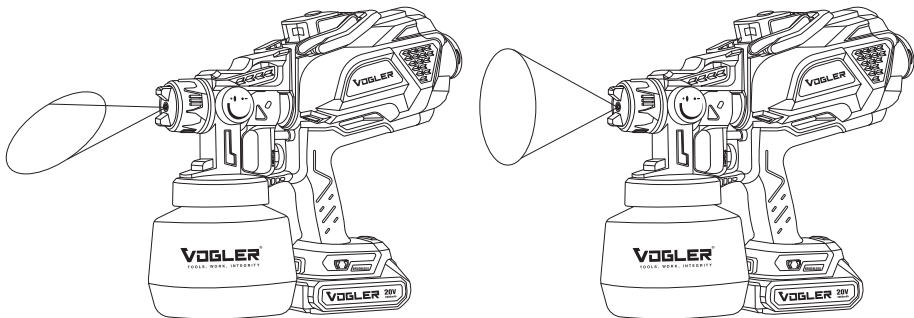
- The counterclockwise rotation shortens the width.

- The clockwise rotation increases the width.
- By adjusting the air cap and the width knob at the same time, you will be able to spray in a beautiful circular pattern.



ADJUSTING THE SPRAY PATTERNS

The spray pattern shape can be adjusted by turning the ears of the air cap to vertical, horizontal, or diagonal positions. The illustrations below show the air cap positions and their corresponding spray patterns. Test each pattern and choose the one that best suits your application.



SPRAYING PROPERLY

Keep your distance while working. The best distance for spraying is 8 to 12 inches from the surface you're spraying. Too far away may result in over spray (and wasted liquid), and too close may cause liquid build-up (runs).

- The spray result depends heavily on the smoothness and cleanliness of the surface to be sprayed. Therefore, the surface should be carefully prepared and kept free of dust.
- Cover all surfaces that you don't want to have sprayed.
- Cover screw threads or similar parts of the target object.
- Test the spray gun on cardboard or a similar surface to find the correct setting.

⚠ IMPORTANT!

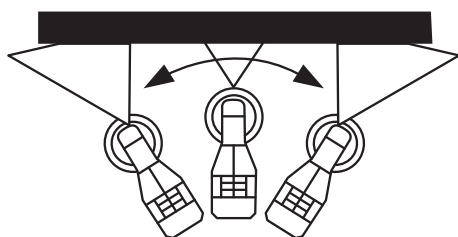
Begin your process by spraying the outside of the targeted area and don't spray inside the area.

⚠ CORRECT!

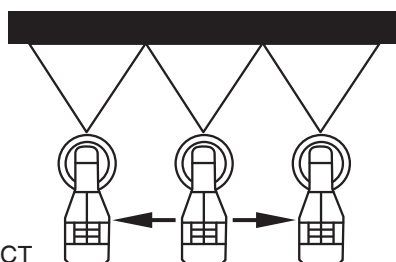
Be sure to hold the spray gun from an even distance of approx. 5-15 cm to the target object.

⚠ INCORRECT!

- Heavy spray fog build-up, uneven surface quality
- Move the spray gun evenly cross-wise or up-and-down, depending on the spray pattern setting.
- An even movement of the spray gun results in an even surface quality.



FALSCH



CORRECT

CLEANING UP AND MAINTENANCE

IMPORTANT!

Never store the sprayer for longer than 30 minutes without cleaning it. Dried by-products act like glue and will cause moving parts to stick. Failure to properly clean your paint sprayer will damage the unit. Taking the time to clean your sprayer immediately after use will help your sprayer last longer and work correctly. If you are finished with the project or you are not going to use the sprayer within the day, you must follow these instructions for a proper cleanup.

STEP ONE: CLEANING UP THE GUN

- Unplug the sprayer from the electrical outlet and pull the trigger on the spray gun to allow the material inside the unit to flow back into the container.
- Empty any remaining material from the container.
- Fill the container approximately 1/2 full with the appropriate cleaning solution. For latex, use warm soapy water; for oil-based materials, use a cleaning solution recommended by the material manufacturer.
- Plug the sprayer into an electrical outlet.
- Press the sprayer's switch until the cleaning solution flows through the spray nozzle for several seconds.
- Remove the container and properly discard the cleaning solution.
- Unplug the sprayer from the electrical outlet.

STEP TWO: CLEAN UP THE NOZZLE TIP

- Unscrew the container and discard any remaining cleaning solution.
- Remove the suction tube from the sprayer and clean it with warm, soapy water.
- Unscrew the air cap, and remove the nozzle tips. Clean them with warm, soapy water.
- Let the components dry thoroughly and reassemble the unit.
- Store the unit.

TROUBLESHOOTING

Problem	Cause	Solution
A. little or no material flow	<ol style="list-style-type: none"> 1.The nozzle is clogged 2.The suction tube is clogged 3.The material volume setting turns too far to the right 4.The suction tube is loose 5.The material is too thick 6.nconsistent paint 7.The container is loose 	<ol style="list-style-type: none"> 1.Clean 2. Clean 3.Turn to theW left 4.Insert the tube again 5.Check the viscosity 6.Strain the paint 7.Tighten the container
B. Leaking material	<ol style="list-style-type: none"> 1.The nozzle is loose 2.The nozzle is worn out 3.The nozzle seal is worn out 4.There is material build-up on the spray pattern dial and nozzle 	<ol style="list-style-type: none"> 1.Tighten the nozzle 2.Replace the nozzle 3.Replace the nozzle seal 4.Clean the dial and the nozzle
C. Atomization is too coarse	<ol style="list-style-type: none"> 1.The material viscosity is too high 2.The material volume is too large 3.The nozzle is clogged 4.There is too little pressure buildup in the container 	<ol style="list-style-type: none"> 1.Thin the material 2.Turn the material volume setting to the right 3.Clean the nozzle 4.Tighten the container
D. Too much over-spray	<ol style="list-style-type: none"> 1.The gun is too far from the sprayed object 2.Too much material applied 	<ol style="list-style-type: none"> 1.Shorten the distance 2.Turn the material volume setting to the right
E. The pattern is very light and splotchy	<ol style="list-style-type: none"> 1. The spray gun is being moved too fast 	<ol style="list-style-type: none"> 1. Adjust the material flow or decrease the spray gun movement
F. There is a large cloud of paint	<ol style="list-style-type: none"> 1. The gun is too close to the surface 	<ol style="list-style-type: none"> 1. Move the gun away from the surface and reduce the paint flow

SERVICE AND MAINTENANCE

- Get your cordless tool serviced regularly by a qualified repair person using only identical replacement parts. This will help maintain the safety and performance of your power tool.
- Follow instructions for lubricating and changing accessories.
- Keep handles dry, clean, and free from oil and grease.

CAUTION

For your safety

Always ensure the tool is switched off, and unplugged, and the battery cartridge is removed before attempting to perform inspection or maintenance.

Maintain airflow

Regularly clean the tool's air vents to prevent overheating and ensure optimal performance. Clean them more frequently if working in dusty environments.

Cleaning

Never use gasoline, benzene, thinner, alcohol, or the like. Discoloration, deformation, or cracks may result.

Professional maintenance

For optimal safety and reliability, we recommend that repairs, and any other maintenance tasks beyond user capabilities be performed by an Authorized VOGLER Service Center using genuine VOGLER replacement parts.

Environmental Protection

This electronic device contains components that require special disposal. To protect resources and the environment, please do not throw it away with regular household garbage. Recycle this product

through your local electronics recycling program. If you have any questions, you can also contact your local waste management office or a certified electronics recycler.



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