



SETUP

	For a video showing how to set up the Control Stainer, visit: www.wagnerspraytech.com/controlstainer150
---	--

MATERIAL PREPARATION

	Material to be sprayed may need to be strained to remove any impurities in the paint which may enter and clog the system. Impurities in the paint will give poor performance and a poor finish.
	Latex paints and primers are not recommended to be used with this sprayer.



SPRAYABLE MATERIALS

- Sealers
- Transparent stain
- Semi-Transparent stain
- Lacquer (thinning may be necessary)
- Urethanes
- Decorative paints (thinning may be necessary)

*THINNING THE MATERIAL

Before spraying, the material being used may need to be thinned with the proper solvent as specified by the material manufacturer. Never exceed the thinning advice given by the coating manufacturer.

If thinning is necessary, use the proper solvent as specified by the material manufacturer. Never exceed the thinning advice given by the coating manufacturer.

	Only thin the material if absolutely necessary to improve spray performance. Optimal spray performance should be achieved simply by adjusting the various controls on the unit.
	Do not thin with materials that have a flashpoint below 100°F (38°C).

SETUP



For a video showing how to set up the Control Stainer, visit:
www.wagnerspraytech.com/controlstainer150

ASSEMBLY



NEVER point the spray gun at any part of the body.
Make sure the power cord is unplugged.

1. Stir the spraying material thoroughly.
2. Fill the container. Use a strainer to remove any particles.
(see **Thinning the Material**, previous page, if thinning is required).
3. Align the pickup tube -
 - A If spraying downward, the angled end of the pickup tube should be pointing toward the front of the nozzle.
 - B If spraying upward, the angled end of the pickup tube should be pointing toward the rear of the nozzle.



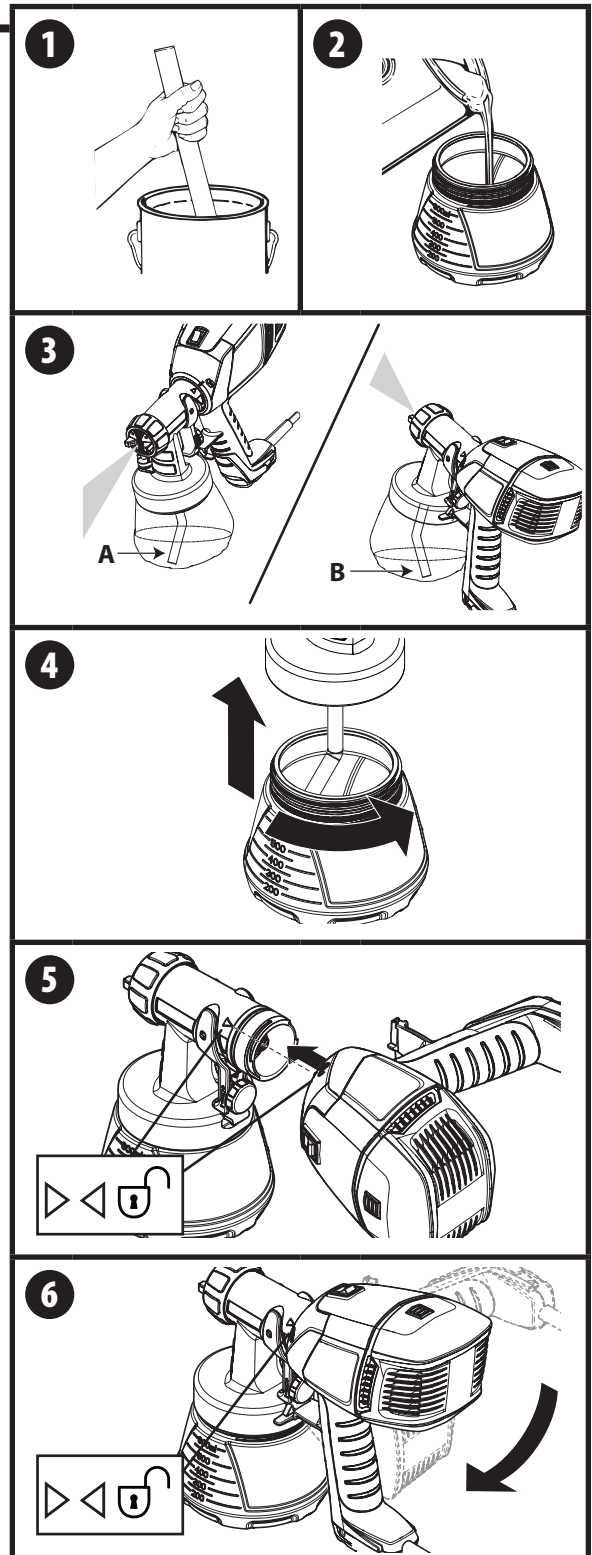
Make sure the pickup tube is inserted as far as it will go to ensure a tight fit.

4. Carefully screw the cup back onto the nozzle assembly. Tighten firmly.
5. Align the arrow on the nozzle with the "unlock" symbol on the spray gun handle.
6. Insert and twist the nozzle into the handle toward the "lock" symbol on the handle. The tab below the trigger will lock the two pieces into place.

IMPORTANT:

If the unit has already been used, make sure the nozzle seal is in place (see page 10).

Do not pull trigger at any time if the turbine is not running. Paint will drip from the nozzle.



SPRAYER CONTROLS



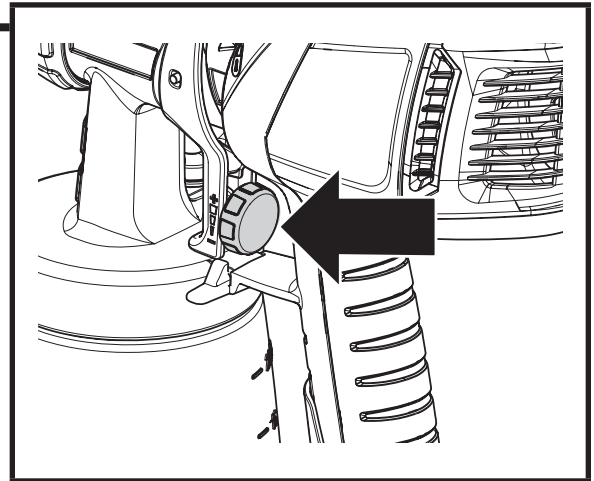
For a video showing Control Stainer 150 spraying tips and best practices, visit:
www.wagnerspraytech.com/controlstainer150

MATERIAL FLOW CONTROL



The material flow control will be factory-set at its lowest setting out of the box. Adjust as needed.

- Turn the knob out (counterclockwise) for less flow. Generally, low material flow is needed for spraying smaller surface areas, such as corners, lattice, or spindles.
- Turn the knob in (clockwise) for increased flow. Generally, high material flow is needed for spraying large surface areas, such as fences and decks.



AIR CAP / PATTERN ADJUSTMENT



Adjust the spray pattern by turning the air cap ears.

The air cap position will determine the movement direction of the spray gun.

1. Round pattern:

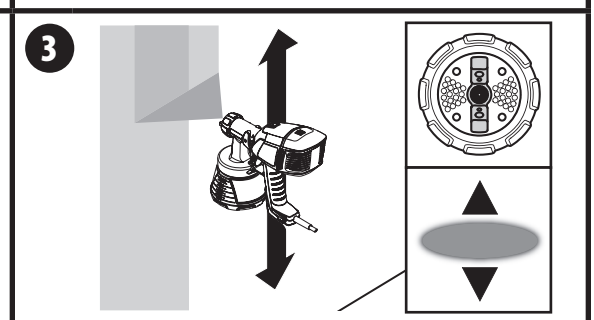
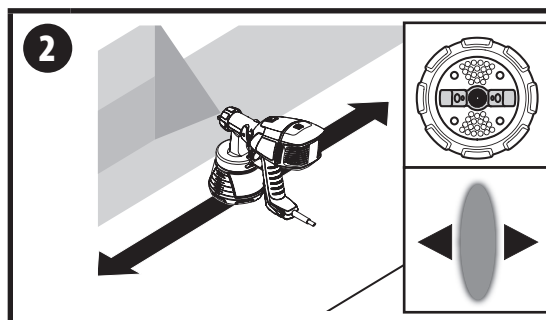
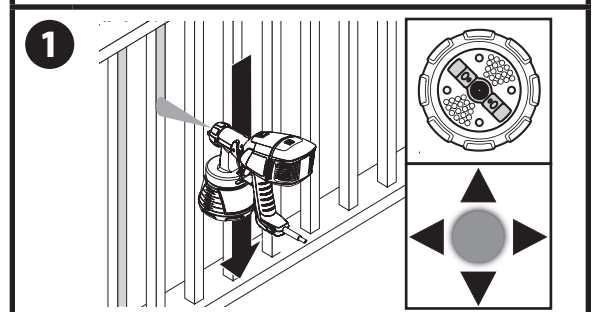
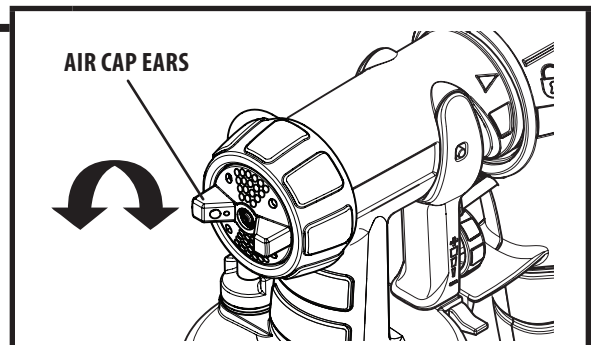
Use up and down, or side to side spraying motion, depending upon the object being sprayed.

2. Vertical pattern:

Use side-to-side motion during spraying.

3. Horizontal pattern:

Use up and down motion during spraying.




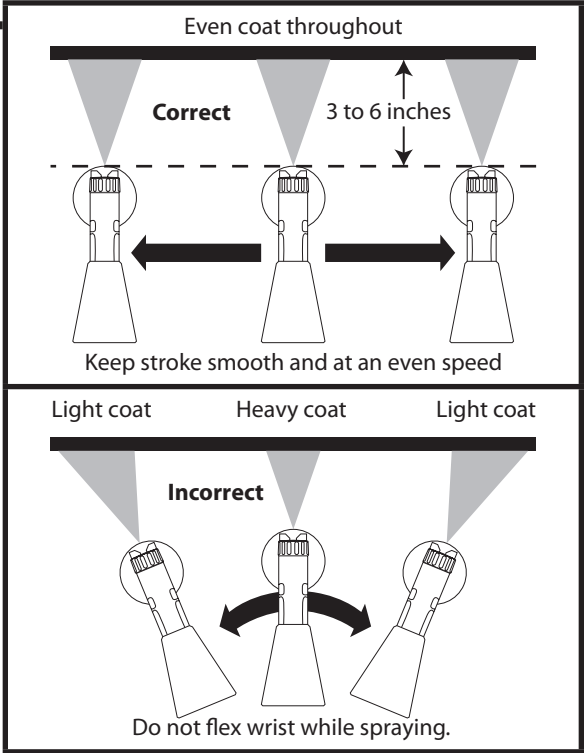
SPRAYING

	<p>For a video showing Control Stainer 150 spraying tips and best practices, visit: www.wagnerspraytech.com/controlstainer150</p>
---	---

HOW TO SPRAY PROPERLY

- Turn the ON/OFF switch to ON (I) to turn on the turbine. No material will spray until the trigger is activated.
- Position the spray gun perpendicular to the spray surface.
- Spray parallel to the surface with straight and full passes at a consistent speed as illustrated, right.
- Always apply a thin coat of material on the first pass and allow to dry before applying a second, slightly heavier coat.
- When spraying, always trigger the spray gun after the spray pass has begun and release the trigger before stopping the pass. Always keep the gun pointed squarely at the spray surface and overlap passes slightly to obtain the most consistent and professional finish possible.



	<p>Frequently wipe the nozzle tip with a damp rag when spraying to remove dried material.</p>
---	---

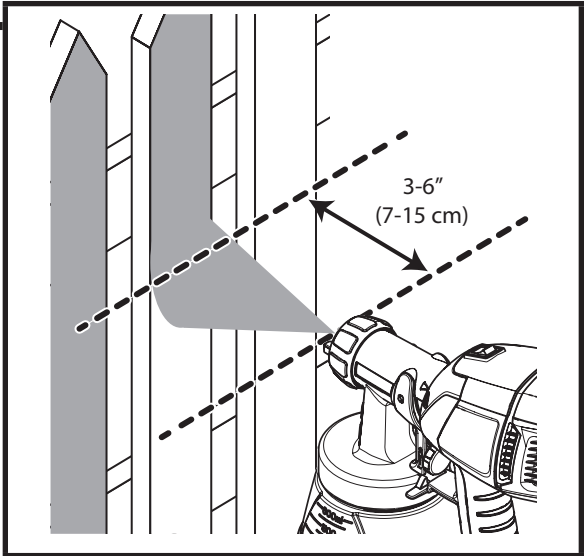


PRACTICE YOUR TECHNIQUE

Practice your technique (use provided poster).

- **Get closer.** The spray gun should be 3-6 inches away from the spray object.
- **Full passes.** Spray the material in straight and full passes, not short waves.
- **Light coats.** For a finer finish, coat lightly during first pass, then cover completely on second pass. .




	<p>DO NOT pull the trigger when the turbine is turned OFF. Spray material will leak from the nozzle.</p>
	<p>If after following the guidelines on these two pages you are still not getting the spray performance you need, refer to the 'Troubleshooting' section on page 12.</p>



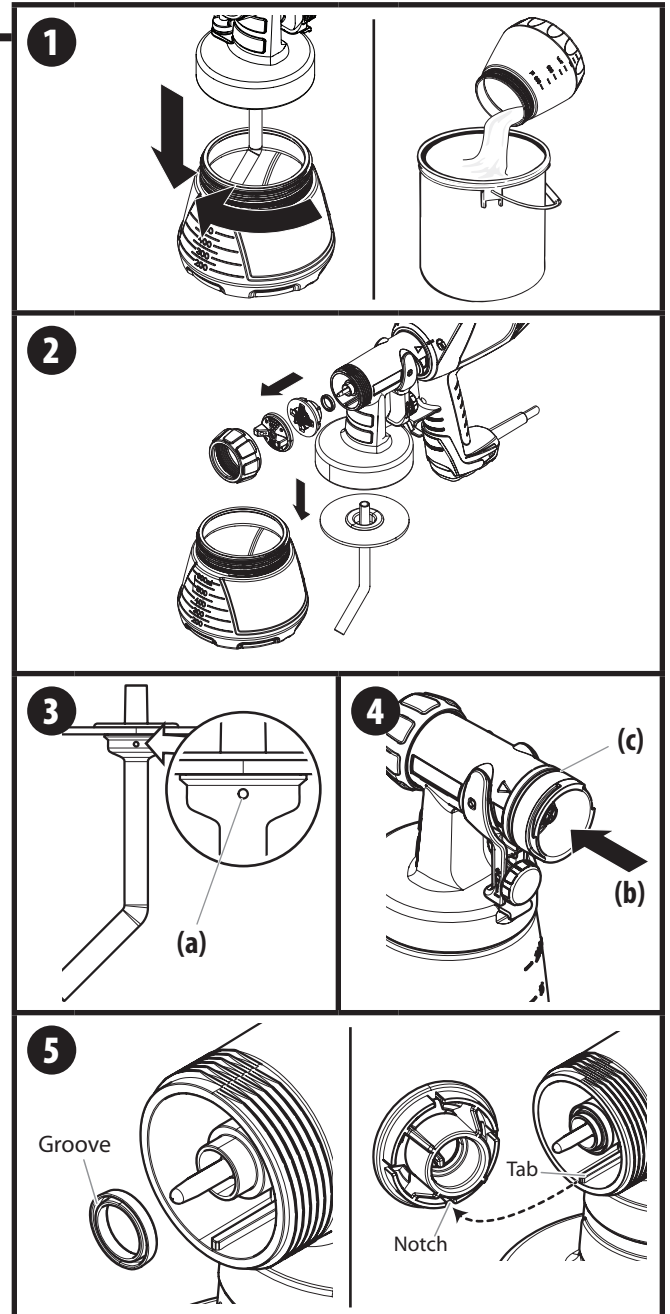
CLEANUP


	<p>For a video showing cleanup of the Control Stainer150, visit: www.wagnerspraytech.com/controlstainer150</p>
---	--

CLEANUP NOTES

	<p>When cleaning, use the appropriate cleaning solution (warm, soapy water for water-based coatings, and mineral spirits for oil-based coatings).</p>
	<p>Special cleanup instructions for use with flammable solvents (must have a flashpoint above 100°F (38°C):</p> <ul style="list-style-type: none"> • Always flush spray gun outside. • Area must be free of flammable vapors. • Cleaning area must be well-ventilated. • Do not submerge turbine!
	<p>For basic quick-cleaning between color changes, fill the material container with cleaning solution and spray the cleaning solution through the gun and into a waste container.</p>

1. Turn turbine OFF.
 Remove the container and empty any remaining material. Thoroughly rinse the material container with warm, soapy water (or mineral spirits for oil-based materials).
2. Disassemble the spray gun and clean all parts with warm soapy water (or mineral spirits for oil-based materials).
3. Clean the air vent (a) on the suction tube with a soft bristled cleaning brush.
4. Separate the turbine from the nozzle. Clean the rear of the nozzle (b) with the appropriate cleaning solution. Use a thin layer of petroleum jelly to lubricate the O-ring (c).
5. Reassemble the spray gun.



	<p>When replacing the nozzle seal, make sure the groove in the seal is facing outward. Make sure the tab in the spray gun head is aligned with one of the notches in the nozzle.</p>
---	---

MAINTENANCE

CLEANING THE FILTER

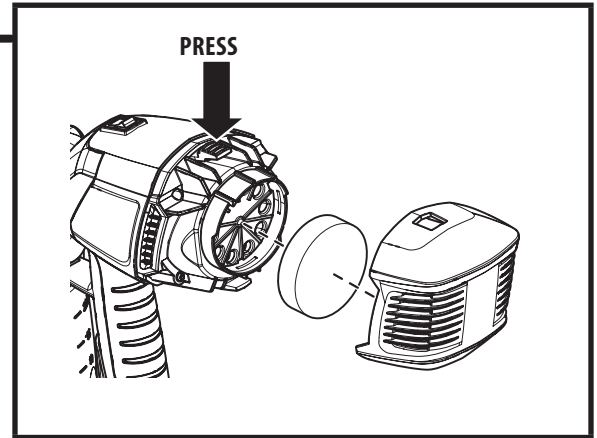
IMPORTANT:

Before every use, you should inspect the air filter in the turbine to see if it is excessively dirty. If it is dirty, follow these steps to replace it.

Never operate your unit without the air filters. Dirt could be sucked in and interfere with the function of the unit.

1. Press the tab at the rear of the turbine. Slide the rear housing off of the back of the turbine.
2. Remove the dirty filter from the turbine and replace with a new one. The smooth side of the air filter must be placed toward the turbine.

Secure the cover back onto the turbine.



CLEANING THE AIR VALVE TUBE



If spray material ever enters the air valve tube, follow the steps below.

1. Pull the air tube (a) at the top from the nozzle. Screw off the valve cover (b).
Remove the valve seal (c). Clean all the parts carefully. Make sure to remove any material from valve seal housing area (d).

IMPORTANT:

The air tube and valve seal (c) are only solvent-resistant to a limited extent. Do not immerse in solvent, only wipe.

2. Place the valve seal (c) in the valve cover (b) with the pin facing into the tube. Installing the valve seal into the valve cover will be much easier if the valve cover is inverted.
3. Turn the nozzle upside down and screw on the valve cover (with valve seal inside) from underneath. Turning the nozzle upside down will prevent the valve seal from falling out of the valve cover during reinstallation.
4. Place the air tube on the valve cover and on the nipple at the nozzle.

