DAN'S CORDLESS AIRLESS PAINT SPRAYER BACKPACK

QUICK GUIDE

WARNING

WARNING: ELECTRIC SHOCK
This product can cause injury due to electric shock.

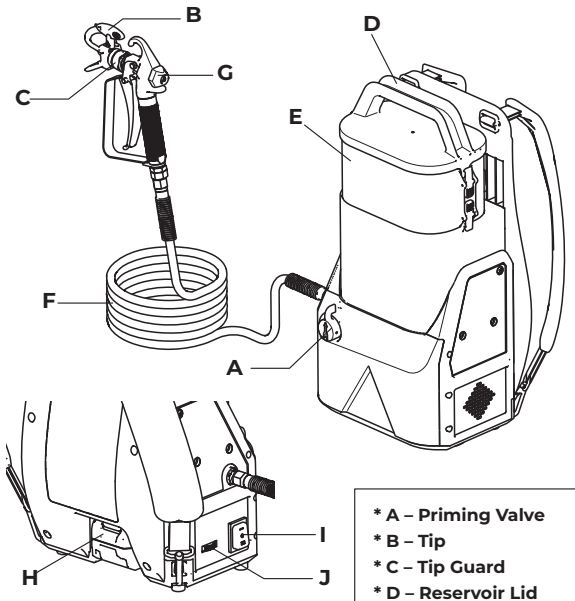
WARNING: INJECTION INJURY
A high pressure paint stream produced by this equipment can pierce the skin and underlying tissues, leading to serious injury and possible amputation. See a physician immediately.

WARNING: GENERAL
Can cause severe injury or property damage.

WARNING: HAZARDOUS VAPORS
Paints, solvents, insecticides, and other materials can be harmful if inhaled or come in contact with the body. Vapors can cause severe nausea, fainting, or poisoning.

WARNING: EXPLOSION OR FIRE
Solvent and paint fumes can explode or ignite.
Severe injury and/or property damage can occur.

PARTS IDENTIFICATION



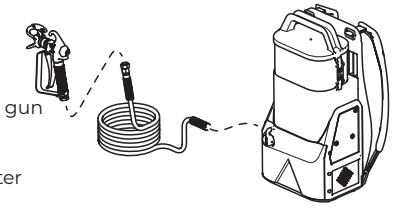


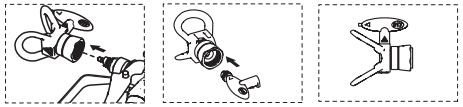
DO NOT
REMOVE CONTAINER WHILE IT'S FULL OF PAINT

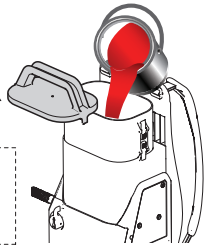
* A – Priming Valve
* B – Tip
* C – Tip Guard
* D – Reservoir Lid
* E – Reservoir
* F – High-Pressure Hose
* G – Needle Cap
* H – Battery Pack
* I – Power Switch
* J – Pump Speed Controller

GETTING STARTED

1. Unpack and check all parts
2. Connect the hose and gun (high pressure)
3. Install the reservoir filter
4. Fill with paint
5. Install the tip and tip guard

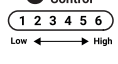






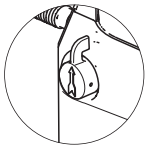
6. Prime the sprayer:
7. Set pump speed / pressure





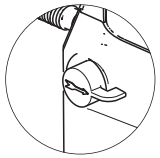


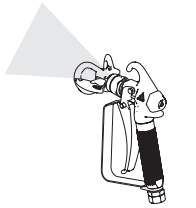
30 seconds



8. Switch to spray mode
9. Put on the backpack (optional)
10. Test spray before starting the job





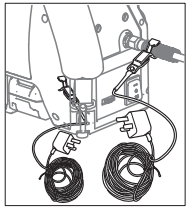


Start painting

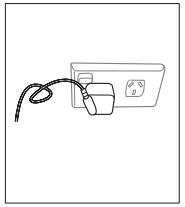
GROUNDING

When spraying oil-based coatings, the grounding wire must be installed before operating the sprayer to help reduce the risk of static electricity buildup.

Grounding wire connected to the sprayer hose fitting.

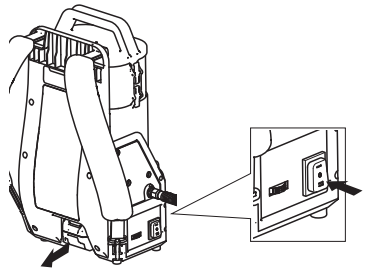


Grounding wire connected to a grounded electrical outlet.



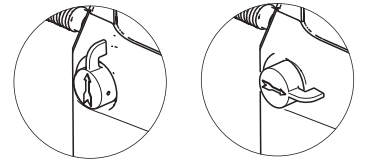
PRESSURE RELIEF PROCEDURE

1. Turn off the power.
2. Disconnect the battery from the machine.



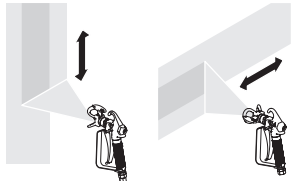


3. Turn the pressure relief switch up to release the pressure.

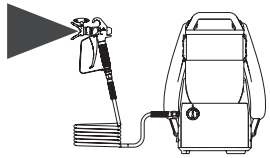


SPRAYING TECHNIQUE

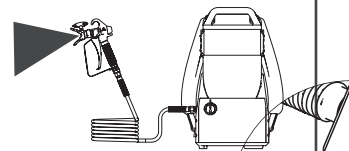
Practice on a piece of waste cardboard until you become familiar with the spraying operation. Begin spraying the workpiece only after proper control is achieved. Areas that do not require spraying should be properly covered or masked.



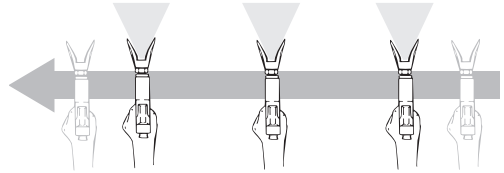
Evenly spray the surface.



Uneven Surface Spraying



SPRAYING BASIC SKILLS



DAN'S CORDLESS AIRLESS PAINT SPRAYER BACKPACK

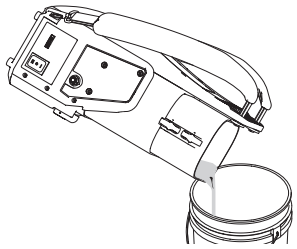
CLEANING AND LUBRICATING BEFORE STORAGE

Use only oily (non-flammable) or water-based materials, or non-flammable paint thinner. Do not use materials with flash points below 100°F (38°C). Do not use materials marked "Flammable" on the package. For more information about your material, request the Safety Data Sheet (SDS) from your distributor or retailer.

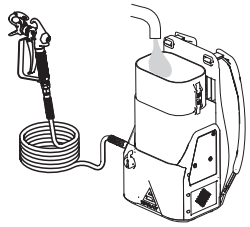
When spraying oil-based materials, use the sprayer outdoors or in well-ventilated indoor areas with a continuous flow of fresh air. Keep the spraying area well ventilated at all times.

During cleaning, keep the gun body at least 25 cm away from the cleaning container to prevent cleaning fluid from entering the electronic components of the machine.

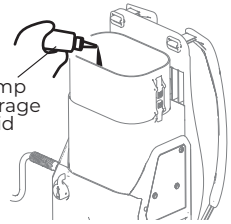
1 Empty the reservoir completely.



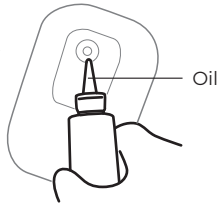
2 Flush the system with clean water:



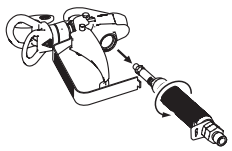
3 Add pump storage fluid:



4 Lubricate the inlet valve:



5 Clean the gun filter:



6 Reassemble the sprayer:



MOVING / EMPTYING THE SPRAYER

When lifting the sprayer in order to move it or to empty the tank, secure with both hands in the grooved handle area in the battery garage and on the top handle.

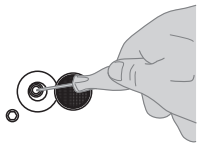
The sprayer can be heavy when filled with spraying material. Make sure to lift with your legs and not your back in order to reduce the risk of injury.

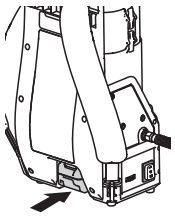
Attention

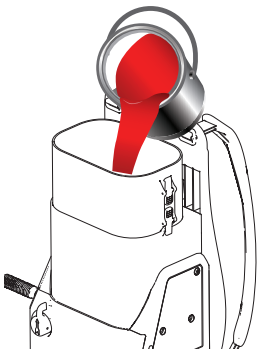
Do not use the hose as a strength member to pull or lift the equipment.
This pump is liquid-cooled. Do not allow the sprayer to run without paint or water in the tank.

TROUBLESHOOT AND PAINT DILUTION

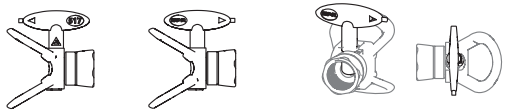
1. Check the paint
2. Check the inlet valve
3. Tighten all connections
4. Prime the sprayer.
5. Install the battery
6. Set the spray tip and spray







Spray ***Clean*** ***Closed***



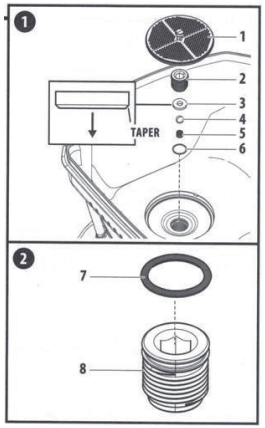
OPERATION

- High-pressure spray can cause serious injury.
- Always release pressure before handling the spray gun.
- Follow proper pressure-release procedures before stopping, cleaning, inspecting, repairing, or servicing the gun.
- Do not use materials labeled Flammable or with flash points below 100°F (38°C). Use only approved oil-based, water-based, or non-flammable thinners.
- Use outdoors or in well-ventilated areas with fresh airflow. Keep the spray area well ventilated at all times.
- Keep children and bystanders away.
- Do not use incompatible cleaning agents/ detergents such as chlorine bleach.

Always start with a fully charged battery.
See battery and charger safety information.

MAINTENANCE - CLEANING THE INLET VALVE

Cleaning or servicing the inlet valve may be required if the unit has priming problems. Priming problems may be prevented by properly cleaning the sprayer and following the long-term storage steps.



1 Perform the Pressure Relief Procedure (refer to the main instruction manual) to ensure the pump is shut off and depressurized. Remove the tank lid.

2 Lubricate the O-ring (7) with penetrating oil (e.g., WD-40) and install it onto the inlet fitting (8). Lubricate the O-ring (7) again after it is installed on the inlet fitting.

3 Reinstall all parts into the inlet valve housing in the reverse order of removal.

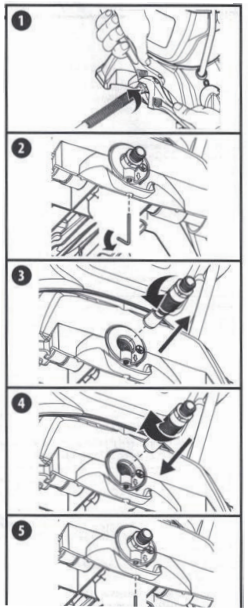
Replace the Inlet Filter (1)

If priming problems persist, the inlet valve assembly may need to be replaced.

Contact Technical Service.

MAINTENANCE - CLEANING THE OUTLET VALVE

Cleaning or servicing the outlet valve may be necessary if spray performance remains poor after following the steps in the trouble-shooting section.



(1) Perform the Pressure Relief Procedure (refer to the main instruction manual) to ensure the pump is shut off and depressurized.

(2) Place a wrench on the outlet valve to secure it. Using a second wrench, remove the spray hose.

(3) Unscrew the outlet valve from the outlet valve housing using a wrench.

Remove any accumulated material inside the outlet valve housing using the appropriate cleaning solution for the material being used.
Pay particular attention to the ball and seat area at the end of the outlet valve (opposite the hose end).
Remove any accumulated material.

Recommendation:

If used with latex-based paints, flush out the outlet valve with water from a faucet.

(4) Replace with a new or cleaned outlet valve and tighten with a wrench. Do not overtighten. Torque to 90–110 in-lbs (10–12 N·m).

? NEED HELP? *Scan the QR code for support and troubleshooting.*