6. TROUBLESHOOTING

Problem	Cause	Remedy
Little or no material flow	Nozzle / Suction tube clogged	Clean
	Spray regulator dial too low	Increase regulator dial
	Suction tube loose	Refit suction tube
	No pressure build up in paint pot	Tighten paint pot
	Material is too viscous for nozzle	Swap to the larger Ø nozzle
Material leaking	Nozzle loose	Tighten
	Nozzle worn	Replace
	Material build up on air cap and nozzle	Clean
Atomization is too coarse	Viscosity of material too high	Thin material
	Material volume too large	Decrease spray regulator dial
	Nozzle clogged	Clean or replace
	Too little pressure build up in container	Tighten paint pot
Spray jet pulsates	Material in paint pot running out	Refill
Pattern runs or sags	Applying to much material	Decrease spray regulator dial or increase movement speed
Too much overspray	Gun too far from spray object	Reduce distance
	Too much material applied	Decrease spray regulator dial
Pattern is very light and splotchy	Moving the spray gun too fast	Decrease spray regulator dial or decrease movement speed
Excessive spitting during start up	Too large spray nozzle	Try using a smaller size nozzle and spray on scrap piece of material. If the issue re-occurs, try depressing the trigger halfway for 3-5 seconds before fully depressing the trigger to start the paint flow.

MAINTENANCE

7. CLEANING

WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

Water Vs Oil Based Coating Materials

After each use it is essential that the spray gun is cleaned thoroughly. This will prevent any blockages from occurring and ensure reliable performance when you next come to use it.

If coating material was **water based** (acrylic paint), use ONLY water when performing the cleaning procedure. Use of solvent based cleaning materials on water based paints will result in a new substance that will be extremely difficult to clean.

If coating material was **oil based** (enamel paint etc.) use ONLY the appropriate cleaning solution. Read the cleaning instructions printed on the coating material's label to determine which cleaning material you need. The following solvent based cleaning products are safe to use in this spray gun:

- Mineral Turpentine
- Paint Thinner

Flushing The System

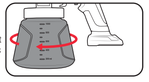
1. Unscrew the Paint Pot and return any remaining coating material into a container for storage or proper disposal.

2. Clean the Paint Pot and Suction Tube with the Cleaning Brush and solvent/water depending on the type of coating material previously used in the Spray Gun.

Note: Only use solvents with a flash point over 21°C

3. Refill the Paint Pot with fresh solvent/water and then screw the Pot back onto the Spray Head.

4. Spray the water/solvent through the system into an empty container. Repeat this step as necessary until the water/solvent coming out of the Spray Gun runs clear.

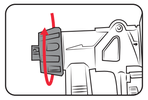


5. Remove the Paint Pot and empty out any remaining solvent.

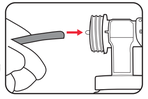
Note: Do not pour solvent or contaminated water down the drain as doing so could pollute our water systems. Always dispose of waste material in an appropriate and responsible manner.

Cleaning The Parts

1. Unscrew the Nozzle lid from the Spray Head and disassemble the Nozzle parts.

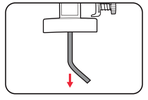


2. Push the fluid needle adapter onto the fluid needle. Twist and pull to remove the fluid needle.



Note: The ring end of the Cleaning Brush/Needle can be used to hook and pull out the Nozzle if it is stuck.

3. Remove the Suction Tube and seal.



4. Dip a clean rag in water/solvent and clean the nozzle lid, Nozzle parts, Spray Gun housing, rear of the Paint Head and Suction Tube.

Note: Use the Cleaning Needle to remove any clogged parts on the unit.

5. Ensure all parts are clean and dry before re-assembling and storing the paint gun.

General Tool Care

- Keep the vents of the spray gun clean at all times. If possible, prevent foreign matter from entering the vents.
- If the body of the spray gun requires cleaning, use a moist soft cloth dipped in water/solvent. Never let any liquid get inside the gun body; never immerse any part of the spray gun into a liquid.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the sander by an unauthorised person or by mishandling of the spray gun.

DESCRIPTION OF SYMBOLS

V	Volts	W	Watts
A	Amperes	DIN-s	DIN seconds
ml/min	Millilitres per minute	L	Litres
	Wear eye, ear & respiratory protection		Warning
	Read instruction manual		Regulatory Compliance Mark (RCM)

CARING FOR THE ENVIRONMENT

Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.

Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486
New Zealand 0508 069 486
E-mail: enquiries@ozito.com.au

ELECTRICAL SAFETY

WARNING! When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

- Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- This appliance is compatible and only to be used with all batteries & chargers from the Qoto PXC range. Refer to the PXC battery and charger manuals for information regarding charging, use and storage.

WARNING! Always remove the battery from the tool:
- when the batteries are to be charged,
- when the tool is left unattended,
- when the tool is being checked, cleaned, or having maintenance work done,
- when the tool is to be stored,
- or if the tool vibrates abnormally.
  - Do not combine different types of batteries or new and used batteries.
  - Do not use modified or damaged batteries.

GENERAL POWER TOOL SAFETY WARNINGS

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. Work area safety

a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.

b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

c. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

a. **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.

c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

d. **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

f. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock

3. Personal safety

a. **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b. **Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c. **Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e. **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f. **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4. Power tool use and care

a. **Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

e. **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5. Battery tool use and care

a. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

c. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

e. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

f. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C may cause explosion.

g. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6. Service

a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

b. **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service provider.

SPRAY GUN SAFETY WARNINGS

WARNING! This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- NEVER under any circumstances aim the nozzle at another person or animal.
- In the event of an injury occurring, seek medical advice immediately.
- The spray gun must not be used for spraying flammable paints and solvents with a flash point of less than 21°C.
- Always ensure there is adequate ventilation when spraying.
- The use of ear protection is recommended.
- Eye protection is recommended to keep hazardous vapours and liquids out of eyes.
- Always wear a face mask when spraying.
- Always read the paint manufacturers thinning instructions before using.
- Never allow the spray to come in direct contact with the skin.
- Never immerse the spray gun in liquid. This could lead to electric shock, personal injury and material damage.
- NEVER spray near a naked flame, including an appliance pilot light.
- NEVER smoke whilst spraying.
- NEVER allow children to operate or play with the spray gun.
- Before cleaning, always disconnect the battery from the tool.
- Always disconnect the battery when refilling the paint pot.
- After every use ensure you clean your spray gun thoroughly.
- NEVER use the spray gun outside when it is raining.
- Ensure the battery cover is used with this paint sprayer at all times.

ozito XPXC 18V CORDLESS

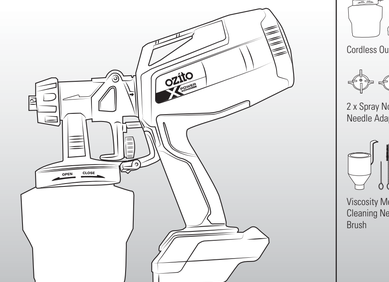
PAINT SPRAYER

INSTRUCTION MANUAL

SPECIFICATIONS

Input:	18V
Max. Flow Rate:	650 ml/min
Max. Viscosity:	60 DIN-s
Pot Capacity:	1L
Nozzle Sizes:	Ø2.0, Ø2.5mm
Weight:	1.2kg

ozito.com.au



5 YEAR REPLACEMENT WARRANTY

PXSGS-018

STANDARD EQUIPMENT

Cordless Outdoor Spray Gun

2 x Spray Nozzles, Fluide Needle Adapter

Viscosity Measuring Cup, Cleaning Needle, & Cleaning Brush

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia 1800 069 486
New Zealand 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

WARNING

The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

5 YEAR REPLACEMENT WARRANTY

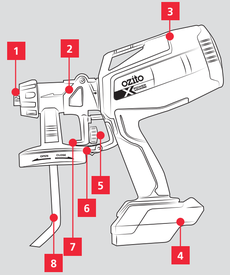
Your Product is guaranteed for a period of 60 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. **Lithium Ion batteries and chargers are covered by a 36 month warranty** and are excluded from the warranty extension. Warranty excludes consumable parts.

OZITO 25 Fox Drive, Dandenong South, Victoria, Australia 3175.

KNOW YOUR PRODUCT

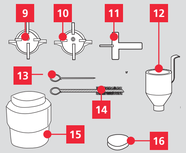
CORDLESS PAINT SPRAYER

1. Spray Pattern Adjustor
2. Detachable Spray Head
3. Spray Gun
4. Covered Battery Seating
5. Flow Regulator Dial
6. Locking Lever
7. On/Off Trigger
8. Suction Tube



ACCESSORIES

9. Ø2.5mm Nozzle (Black)
10. Ø2mm Nozzle (Red)
11. Fluid Needle Adapter
12. Viscosity Measuring Cup
13. Cleaning Brush
14. Cleaning Needle
15. Paint Pot
16. Paint Pot Lid



BATTERY & CHARGER

This tool is compatible with all batteries & chargers from the Ozito Power X Change range.

ONLINE MANUAL

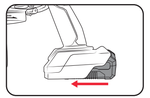
Scan this QR Code with your mobile device to take you to the online manual.

SETUP & PREPARATION

1. FITTING THE BATTERY

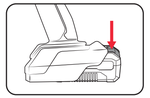
Installing The Battery Pack

1. Slide the battery into the tool base until it clicks into place.

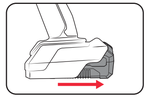


Removing The Battery Pack

1. Hold down the battery release button.

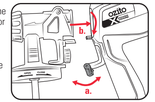


2. Slide the battery out.

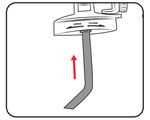


Attaching the Spray Head

1. The trigger unit is attached to the drive unit by a bayonet connector on the gun mounting.Open the locking lever (a) and insert the trigger unit (b) into the gun mounting with a twist. Close the locking lever.



2. Insert the material tube into the material tube connection and screw the container into the trigger unit.

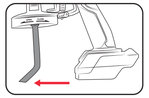


2. ASSEMBLY

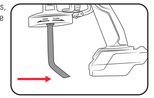
WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

Aligning The Suction Tube

1. When spraying horizontal or low objects, turn the Suction Tube so that the opening faces forwards.



2. When spraying overhead objects, turn the Suction Tube so that the opening faces backwards.



3. PAINT PREPARATION

WARNING! FOR BEST RESULTS, SURFACE PREPARATION AND PAINT THINNING SHOULD BE PERFORMED. ENSURE ALL SURFACES ARE FREE OF DUST, DIRT, & GREASE.

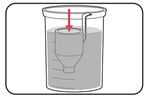
WARNING! PAINTING CAN BE A MESSY TASK. WEAR SUITABLE CLOTHING AND ENSURE THE SURROUNDINGS ARE PROPERLY COVERED AND PROTECTED. USE OF A DROPSHEET IS RECOMMENDED WITH THE SPRAYER.

Determining Viscosity

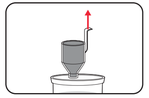
It is vital to determine the viscosity of the spray material to see if it is suitable to be used in the spray gun.

Note: You will need to have a timer or stopwatch to perform this step.

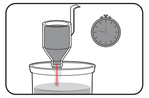
1. Stir the material to make sure it's evenly mixed. If bubbles are formed during stirring, wait until these have dissipated before proceeding to the next step.
2. Submerge the viscosity measuring cup into the material and fill it to the brim.



2. Raise the cup out of the liquid by the handle and start the timer.



3. Time how long it takes to empty the cup in seconds.



Note: The viscosity is measured in DIN-seconds (DIN-s), so if it takes 30 seconds for the liquid to drain out of the measuring cup, the material has a viscosity of 30DIN-s.

4. If the material is above 60DIN-s, the material will need to be thinned out more and re-measured.

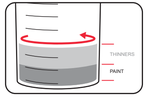
WARNING! THE SPRAY GUN CANNOT BE USED WITH MATERIALS CONTAINING ABRASIVE SUBSTANCES, GLAZES, DISPERSION PAINTS, CAUSTIC AND ALKALINE SUBSTANCES, OR TEXTURED COATINGS.

Thinning Paints

Thinning is particularly important when spraying. Most paints are supplied ready for brush application and need to be diluted sufficiently for spraying purposes. **Follow the manufacturers guide for thinning ratios which should be labelled on the paint container.**

1. Before pouring any paint or thinners work out how much of each substance is needed.

2. Pour the required paint and thinners through a filter into a mixing cup and mix thoroughly.



Nozzle Selection

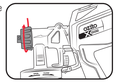
The spray gun is supplied with 2 differently sized nozzles.
The Ø2mm red nozzle is suitable for low viscosity, water based paints.
The black Ø2.5mm nozzle is better suited for higher viscosity, oil based paints.

Note: Larger nozzles will increase the flow rate of the paint, but will also result in more frequent overspray and run-offs.

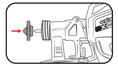
The nozzles should be changes to suit the type of paint material and application. For best results, dilute the paint to the desired consistency and perform a test spray on a scrap piece of material to check the paint finish.

WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

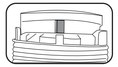
1. Unscrew the nozzle cap on the front of the detachable spray head.



2. Remove the nozzle and change it with the desired nozzle size.



3. Replace nozzle, deflector ring, spray pattern adjustor and nozzle cap. Ensuring ridges in the nozzle sit grooves in the defector ring properly and defector ring can be compressed freely.



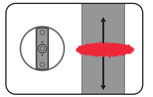
OPERATION

4. CONTROLS

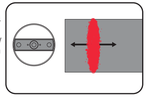
Choosing The Spray Direction

To change spray patterns, the Spray Direction Adjustor can be rotated clockwise to the desired direction.

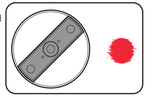
1. For surfaces that are taller than they are wide (vertical surfaces), use a horizontal fan spray. This can be achieved by rotating the Spray Direction Adjustor to the position shown.



2. For surfaces that are wider than they are tall (horizontal surfaces), use a vertical fan spray. This can be achieved by rotating the Spray Direction Adjustor to the position shown.



3. For corners, edges and other hard to access areas, use a round spray. This can be achieved by rotating the Spray Direction Adjustor to the position shown.

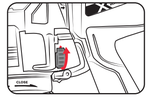


Adjusting The Spray Flow Rate

The Flow Regulator Dial is a stop that limits the distance the trigger can be pressed. This results in less material being sprayed when the trigger is pressed.

1.To lessen the amount of material sprayed, turn the Dial clockwise.

2. To increase the amount sprayed in one go, turn the Dial anti-clockwise.

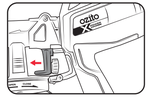


Note: After making any adjustments, always test the spray gun settings on a scrap surface before using it on your project.

On/Off Trigger

1. Squeeze the On/Off Trigger to start Spraying.

2. Release the On/Off Trigger to stop spraying.



6. SPRAYING GUIDE

Quick Start Checklist

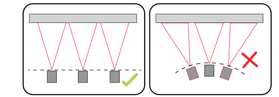
1. Measure out the amount of coating material required. Remember to take into account the amount of thinner that will be added.
2. Check that the viscosity of the coating material is less than 50DIN-s.
3. Pour the material into the Paint Pot.

Note: Pouring the material through a fine filter (such as nylon stockings) is recommended to remove any fine particles that may clog up the spray nozzles.

4. Adjust the Suction Tube, Spray Pattern Adjustor, Spray Width Deflector and Flow Regulator Dial to the desired settings.
5. Test the settings on a scrap piece of material; repeat Step 4 as necessary.

Spraying Technique

1. Maintain a distance of roughly 20cm from the workpiece and keep the Spray Gun perpendicular to the work surface.



Note: Start spraying just before the start of your workpiece and end just after to ensure a consistent spray on the edges of your workpiece.

2. Move the Spray Gun along the surface at a steady pace whilst maintaing the distance and perpendicular angle.

3. Overlap each pass over the workpiece by 2cm to achieve an even coating.