

FLOWZONE[®]

OPERATION GUIDE

Monsoon 2V[™]

FZVABN-2



ATTENTION

Please read the following information carefully. User must read and understand entire manual before operating this sprayer. Failure to follow instructions or improper use could lead to explosive failure causing serious injuries.

- Do not store your sprayer in extremely high temperatures. Heat can lead to the build-up of pressure within the sprayer, resulting in a possible explosion. If there is pressure in the pump, do not try to remove it with tools.
- Do not try to make any modifications to the sprayer. Always use FlowZone® branded replacement parts from the manufacturer.
- Never spray flammable, caustic, acidic, chlorine, bleach or other corrosive solutions or heat, pressure, or gas producing chemicals. Always read and follow chemical manufacturer's instructions before use with this sprayer as some chemicals may be hazardous when used with this sprayer.
- Always work in perfect balance on you feet.
- Do not eat, drink, or smoke while handling this product.
- Do not leave the sprayer within reach of children or personas not qualified to handle in a proper manner.
- Never spray chemicals against the wind, towards animals, humans, or food.
- Do not operate the sprayer in temperatures lower than 32°F.
- Never fill the sprayer with hot liquids (max temp. = 176°F) or gasoline.
- The sprayer is susceptible to water damage if left in wet conditions. Always store in a cool dry place.

NOTES

- The sprayer may have residual water in it when first opened. This is due to quality testing every sprayer undergoes before leaving our factory.
- Some parts may be located under the tank lid when first assembling the sprayer.

This product contains chemicals, including lead, known to the state of California to cause birth defects and other reproductive harm.



When using chemicals, always wear protective clothing, including respiratory masks, gloves, eye protection, etc.



Do not dispose Lithium-ion batteries with household waste; recycle where proper facilities exist.

IMPORTANT CONSIDERATIONS

After long periods of time without use, the battery may have a low voltage and will require extended charging.

Always wear protective clothing, respirator, gloves, eye protection etc. when using chemicals.

Never spray chemicals against the wind, towards humans, animals, or food.

Do not operate sprayer in temperatures lower than 32°F.

Never operate with strong acids, strong bases, or flammable liquids.

Never fill the sprayer with hot liquids (max temp. = 176°F) or gasoline.

Do not leave the sprayer in reach of children or persons not qualified to handle it in a proper fashion.

Do not dispose of lithium-ion battery with household waste; recycle where facilities exist.

The sprayer is susceptible to water damage if left in wet conditions. Always store it in a cool, dry place.

Always use FlowZone® original replacement parts.

REGISTER YOUR SPRAYER!

To take advantage of the 1-year Limited Warranty from WESSOL, LLC. Register your sprayer at the website below:

www.fzspray.com/register

Please read and follow this manual carefully to ensure that you get the most out of your new sprayer. If you need assistance with the assembly or operation of your sprayer, please don't hesitate to contact WESSOL via the support methods below:

www.fzspray.com

support@wessol.com

+1 803.339.2500

LET'S
GET
SPRAYING!

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WHAT IS YOUR SPRAYER CAPABLE OF?

A FlowZone® Monsoon™ is a highly efficient sprayer that is suitable for spraying many kinds of water-soluble chemicals.

This includes fertilizers, pesticides, cleaning products, etc. Powered by a 18V lithium-ion battery, this sprayer results in 2-3x more efficiency than a manual sprayer. This sprayer can be operated continuously for up to 3 hours and spray more than 76 gallons per battery charge at a distance of 30 feet.

WARNING

THIS PRODUCT IS DESIGNED TO APPLY CHEMICALS THAT MAY BE HARMFUL AND COULD CAUSE SERIOUS PERSONAL INJURY IF INHALED OR BROUGHT INTO CONTACT WITH THE USER. FAILURE TO READ AND FOLLOW OPERATION GUIDE BEFORE USE AND/OR MISUSE OF THIS PRODUCT COULD RESULT IN INJURY.

FlowZone® Monsoon 2V™ Specifications

Model Number	FZVABN-2	Pump Type	Heavy-Duty Diaphragm Pump
Battery Type	Lithium-ion	Spray Time	Up to 3 hours
Battery Voltage	18V	Pressure	7 psi to 115 psi
Battery Capacity	5.2Ah	Spray Distance	>30 feet (10 meters)
Battery Charging Time	1.5 hours	Tank Capacity	9 gallons
Battery Cycle Life	1,000 cycles	Flow Rate	0.250 gal/min to .634 gal/min
Battery Charger	21V/2.5A	Pump Life	1,000 hours



1. 9-GALLON TANK 2. TANK LID 3. INTAKE FILTER
 4. TOP & BOTTOM HOLSTER / BOLTS 5. STAINLESS-STEEL SPRAY WAND
 6. 18V/5.2Ah LITHIUM-ION BATTERY 7. 21V/2.5Ah BATTERY CHARGER
 8. 20-FOOT VINYL HOSE 9. SPRAY GUN 10. ADJUSTABLE SPRAY NOZZLE
 11. 0° JET NOZZLE 12. 25° FAN NOZZLE 13. ROLLER HANDLE
 14. HOSE HOLSTER 15. WHEELS AND PINS

STEP 1.

ASSEMBLING SPRAYER

Required tools: Phillips head screwdriver

Before you begin, open the tank lid and remove the nuts and bolts, holsters, and nozzles from inside the intake filter. Set aside.

- A)** Insert roller handle(13)into the tank(1), and tighten the black nuts until the handle is tightly secured. **DO NOT OVER TIGHTEN.** Attach hose holster (14) to back of the tank with included screws.



- B)** Insert wheels(15)into side of the wheel axle. Slide cotter pin through center of the axle to keep the wheel in place.

- C)** Place the top wand holster (4 top) on the proper location on tank. While holding the holster, place a nut on one side of the hexagonal slots and screw the bolt through the other side until it fastens into the nut. Repeat for other slot and bottom holster.



- D)** Take the spray gun(9) and twist on to the threaded fitting on the end of the hose (8). Tighten the fitting to ensure the gasket properly seals the connection. Wrap hose around wings as needed.

- E)** If spraying with the spray wand (5), pull back on the collar of brass quick-connect fitting on the spray gun. Insert the male wand fitting into the female spray gun fitting and push the collar back into its original position. Nozzles can be attached with the same process.



- F)** Snap the spray wand into the wand holster and place any unused nozzles into their slot (4 top) until ready to spray.

STEP 2.

PREPARING TO SPRAY

Fully charge the battery before the first operation. Indicator lights will flash as the battery is charging.

A) In a separate container, prepare the solution you want to spray according to the manufacturer's instructions. Open the tank and carefully pour the solution through the intake filter. Securely tighten the tank lid.

B) Determine the nozzle you want to use (see below) and insert it into the spray gun or spray wand according to the method in Step 1. D).

a) **Adjustable nozzle** = ranges from jet stream to conical mist

b) **Fan nozzle** = flat 25° mist

c) **Jet nozzle** = narrow stream



a)



b)



c)

C) Turn the pump on by rotating the power switch on the side of the unit. Position "0" will activate the pump at 7 psi, full power will activate at 115 psi. Adjust to the pressure of your choosing.



D) Begin spraying by squeezing the spray trigger on the spray gun.

STEP 3.

AFTER YOU FINISH SPRAYING

- A)** Dispose of extra product based on manufacturer's instructions. Rinse out any residual solution in the spray tank with warm, soapy water. Then spray fresh water through the sprayer for 3 to 5 minutes to completely clear the tank of chemicals.
 - B)** Disconnect the wand from the spray gun and let the hose hang down towards the ground in order to drain the hose of any liquid.
 - C)** Dry the sprayer tank and clear the nozzle of any buildup.
 - D)** Store the sprayer in a clean, cool, shaded location to protect it from extreme heat or frost.
- * For long-term storage, regular charging of the battery is required to maximize battery life. Check the battery level using the indicator lights every 4 weeks. Recharge the battery if it falls below 3 bars. Do not allow battery to fully discharge.

NOTE:

Proper sprayer maintenance is crucial to ensure the life and performance of your sprayer. Many spray materials can harden if left in the sprayer causing clogs in the nozzle or hose. Gasoline should never be used to clean out your sprayer.

TROUBLESHOOTING YOUR SPRAYER

Visit fzspray.com/troubleshoot for detailed troubleshooting instructions and videos.

To contact Technical Support, message support@wessol.com or call 1(803) 339-2500.

PROBLEM	POSSIBLE REASON(S)	SOLUTION
Sprayer is not turning on and there is no sound coming from the sprayer.	Dead battery	Charge the battery. If the battery will not charge, test the charger or call Support at (803) 339-2500 for a replacement if applicable.
	Loose/worn connections on power switch	Remove cover plate. Using pliers, move all three wires on the power switch over to the neighboring side, to the extra set of wire contacts.
	Defective micro-switch	Purchase replacement part or contact Support for help.
	Defective circuit board	Purchase replacement part or contact Support for help.
Leaks from gun/nozzle area.	Loose connection	Ensure spray gun is fully tightened onto threaded end of the hose.
	Missing or worn gasket	Contact Support or go to buyxstreamclean.com to purchase replacement gaskets.
Clogged pump / hose / gun / wand / nozzle.	Not rinsing tank / pump / hose / gun / nozzle(s) with water after use.	Rinse sprayer thoroughly with warm, soapy water after each use.
Dead battery	Defective charger	If the LED indicator lights do not turn on or only one red LED is on after being on charger for over 2 hours, test the charger using a multimeter. Replace if necessary.
	Damaged lithium cells	If the battery receives no reading from a multimeter, a replacement battery is needed.
Pump makes a sound when sprayer is on and output is	Clog in filter or nozzle	Check filter or nozzles for clog. Using warm water, thoroughly clean the components.
	Clog in pump	Open the pump and clean. Contact Support for assistance.
Leak from sprayer tank	Loose hose-pump connection	Open coverplate and identify the hose clamps. Use a flathead screwdriver to tighten.
	Damage on pump	Replace the pump.
	Damage on tank	Replace the sprayer tank.

ACCESSORY & REPLACEMENT PARTS



FZAAGD
ComfortStraps™



FZRABW
Intake filter



FZRABN
Quick-connect
spray gun



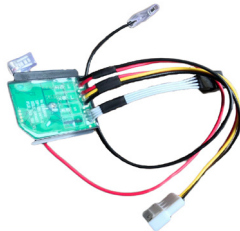
FZRAEJ
Top wand holster



FZAAEM
18V/5.2A battery pack



FZRAAS
Stainless steel
high-pressure wand



FZRAFJ
High/Variable-Pressure
Pump Circuit Board



FZAAAV
20' tank-to-gun
connection hose



FZAAAQ
Quick-connect
25° fan nozzle



FZAAEK
Bottom wand holster



FZAAEL
21V/3A quick-charger



FZAAAR
Quick-connect
adjustable cone nozzle

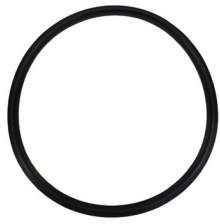


FZAAAP
Quick-connect
0° jet nozzle

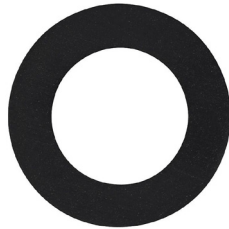


FZRAEH
Tank lid

ACCESSORY & REPLACEMENT PARTS



FZRACK
Viton™ tank lid gasket



FZAACL
Viton™ pump inlet gasket



FZRAFP
Viton™ hose gasket



FZAADL
Quick-connect to 11/16" threaded female adapter



FZRADX
Gran angular nozzle



FZRAEA
4 output cone nozzle



FZRADJ
Trolley wheels



FZAAFJ
Dual head fan nozzle



FZAAEW
Quick-connect to 110° Tee-Jet™ nozzle adapter



FZRACM
Pump inlet filter



FZRAEG
Battery cover



FZRAFF
High/Variable-Pressure Pump Assembly



FZRAFF
High/Variable-Pressure Pump



FZRAFJ
Circuit board

WESSOL, LLC

LIMITED WARRANTY

WARRANTY COVERAGE

WESSOL, LLC warrants to the original purchaser that the FlowZone® product will function as intended under normal use and consistent maintenance, subject to certain limitations and exclusions. At the discretion of WESSOL, LLC, we will repair or replace any parts found to be defective in material or workmanship without charge, apart from shipping and handling costs, during the covered warranty period.

WARRANTY PERIOD

The warranty period will begin from the date of retail purchase and exist for one (1) year, regardless of when the unit is placed in service. The warranty period is not extended if we opt to repair or replace the product in question.

WARRANTY CLAIMS

WESSOL, LLC reserves the right to require the return of the defective product, proof of purchase, and established product registration to file a claim under this warranty.

If the product fails to function as intended **DO NOT RETURN IT TO THE STORE**, call our Technical Support hotline at +1 803-339-2500, email warranty@wessol.com or submit a contact form at fzspray.com.

PRODUCT REGISTRATION

All sprayers purchased from FlowZone® or an authorized distributor must be registered online to validate the warranty and allow for warranty claim processing. Sprayers can be registered at fzspray.com/register.



To file a warranty claim, visit:
www.fzspray.com/warranty

EXCLUSIONS AND LIMITATIONS

WESSOL, LLC only warrants products purchased from authorized distributors. Products purchased from unauthorized resellers or distributors are not subject to warranty services.

The limited warranty does not cover damages, loss, or injury resulting from transportation, storage, accident, improper use, neglect, modifications, normal wear, or operation not in accordance with the instruction manual. WESSOL, LLC reserves the right to change the design or specifications of any product without obligation to modify previously produced units.

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR CONSUMER USE, ARE LIMITED TO THE DURATION SPECIFIED ABOVE. WESSOL, LLC'S LIABILITY IS LIMITED SOLELY TO THE REPAIR OR REPLACEMENT OF THE NON-FUNCTIONING PRODUCT OR PART. WESSOL, LLC EXCLUDES LIABILITY UNDER THIS WARRANTY FOR ANY AND ALL INCIDENTAL AND CONSEQUENTIAL LOSS OR DAMAGE.

In no event shall WESSOL, LLC be liable for any incidental, special, consequential or punitive damages, or for any costs, attorney fees, expenses, losses or delays alleged to be as a consequence of any damage to, failure of, or defect in any product including, but not limited to, any claims for loss of profits.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you. This warranty



FLOWZONE

fzspray.com
+1(803) 339-2500
spraysquad@fzspray.com

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