IMPORTANT DOCUMENT - DO NOT DISCARD

SprayMaster TECHNOLOGIES

POWER CLEAN GO 2.0

OWNER'S MANUAL

MANUFACTURED	DATE SHIPPED	SERIAL NUMBER

FOR COMMERCIAL USE ONLY

www.spraymastertech.com

Congratulations!

You have just purchased the best spray washer on the market today. It incorporates the very latest in technological advances. To assure you the best and safest performance as well as longest equipment life, please read the enclosed information.

After reading the material in this manual, should you need assistance, please call customer service at our toll free number **(800) 548-3373** or **(479) 636-5776**.

SPRAY MASTER SERVICE

Mon-Fri, 8:00 am - 5:00 am CST

(800) 548-3373

techservice@assembledproducts.com

Spray Master Technologies®

LIMITED WARRANTY

Effective May 20, 2020

Spray Master Technologies will repair or replace any originally installed parts on the Power Clean series which are found to be defective in material or workmanship for a period of two (2) years and on the Power Clean Go series for a period of one (1) year from the date of shipment to the original purchaser, excluding items listed below. The defect must occur during normal use of the product and within the length of warranty coverage. The repair or replacement of that part will be provided according to the time limits of the warranty policy. Repairs must be completed using only Spray Master Technologies approved parts.

EXCLUDED ITEMS

The following items are covered by the above warranty for ninety (90) days from date of shipment:

Wear Items* - Spray guns, wands, hoses, nozzles, quick couplers, Hummer Jet Sr. and Hummer Jet Jr. casters and handles, check valves and chemical injectors.

The following items are covered by the above warranty for 1 year from the date of shipment:

Unloaders, Chemical Valves†

Electrical Components - float switch, temperature switch, Solid-State Relay, Master Control Panel, electronic injectors, wiring harnesses and flow switch.

LABOR AND TRAVEL

Labor and travel to repair or replace defective parts shall be covered for a period of 1 year from date of shipment. Labor and travel for warranty wear items shall be covered for a period of 90 days.

ITEMS VOIDING WARRANTY

The following voids all warranty claims: Accidental breakage; abuse; misuse; failures caused by incorrect installation if not installed by authorized factory representative; failure to correctly wire the system at the electrical source; foreign items, chemical or mineral buildup in the pumps and water lines caused by untreated or unfiltered tap, hard or recaptured water; excessive hot water temperatures exceeding 150° Fahrenheit; failures due to injecting bleach or harsh or corrosive chemicals; not following Owners Operation instructions; damage due to freezing temperatures; natural disasters, electrical surges; and, tampering, attempted repair by unauthorized service personnel, and not following prescribed Preventive Maintenance Program.

**Wear Items Not Covered – O-rings, gaskets, filters. †O-rings, gaskets, pulse pump diaphragm, check valves or failures due to chemical damage are not covered by this Limited Warranty.*

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OWNER / USER RESPONSIBILITY

The owner and/or user must understand the operating instructions and warnings before using this pressure washer. Warning information should be emphasized and understood. Owner and operator must study this manual and keep handy for future reference. The operator must know how to stop the machine quickly and understand the operation of all controls. Never allow anyone to operate the engine without proper instructions.

FIRST STEPS

RECEIVING YOUR PRESSURE WASHER

Damage: Check for damage in shipping. Report any damage to the shipping carton or contents to the freight carrier. File a claim with the carrier within ten (10) days. Spray Master Technologies is not responsible for damage to the equipment caused by the freight carrier.

Package Contents: Carefully check the contents of the shipping cartons to ensure the contents match with the packing list. Please call our Customer Service Department if items are missing at **1-800-548-3373** or **1-479-636-5776**.

PRESSURE WASHER UTILITY REQUIREMENTS

WATER

Flow Rate:
Minimum 5 GPM

Pressure:
30 PSI min. to 80 PSI max.

Temperature:
150° F max, 65.5° C

ELECTRICAL

Power Clean Go 2.0:
120V, 60Hz @ 20AMP

RETURNING YOUR PRESSURE WASHER

Any item returned for warranty or for credit must have a Returned Authorization Number. Call our Customer Service Department to discuss your return request.

Please note that all items returned must be F.O.B. Rogers, Arkansas. No collect or C.O.D. shipments will be accepted unless prior arrangements have been made with Customer Service. A restocking fee may be applied to the items returned for credit that are not under warranty.

WHAT TO DO FOR SERVICE

If a problem occurs, first refer to the ***Power Clean Go 2.0* Service Manual** in the *"Trouble Shooting and Diagnostics"* section starting on page 38.

MODEL IDENTIFICATION

The model and serial numbers will be found on a decal on the pressure washer. Please record these along with date of purchase for future reference.

MODEL NUMBER	
SERIAL NUMBER	
PURCHASE DATE	
SERVICE PHONE	**1-800-548-3373**

SAVE THESE INSTRUCTIONS!

This manual should be considered a permanent part of the machine and should remain with it. When ordering parts, please specify model and serial number. Use only identical replacement parts. This machine is to be used only by trained operators.

IMPORTANT SAFETY WARNING INSTRUCTIONS

THIS IS THE SAFETY ALERT SYMBOL.

THIS SYMBOL ALERTS YOU TO POTENTIAL HAZARDS THAT CAN KILL YOU OR HURT YOU AND OTHERS. ALL SAFETY MESSAGES WILL FOLLOW THE SAFETY ALERT SYMBOL AND THE WORD "DANGER", "WARNING", OR "CAUTION".

THESE WORDS ARE DEFINED AS:

DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

WARNING

READ OPERATOR'S MANUAL THOROUGHLY PRIOR TO USE.

Read the owner's manual thoroughly. Failure to follow instructions could cause malfunction of the machine and result in death, serious bodily injury and/or property damage.

1. Read these instructions before using the product.
2. To reduce the risk of injury, close supervision is necessary when a product is used near children.
3. Know how to stop the machine and bleed pressure quickly. Be thoroughly familiar with the controls.
4. Stay alert – Watch what you are doing.
5. Do not operate the product when fatigued or under the influence of alcohol or drugs.
6. Keep operating area clear of all persons.
7. Do not overreach or stand on unstable support. Keep good footing and balance at all times.
8. Follow the maintenance instructions specified in the manual.
9. For a grounded or double-insulated product rated 250 volts or less, single phase:

THIS PRODUCT IS PROVIDED WITH A GROUND FAULT CIRCUIT INTERRUPTER BUILT INTO THE POWER CORD PLUG. IF REPLACEMENT OF THE PLUG OR CORD IS NEEDED, USE ONLY IDENTICAL REPLACEMENT PARTS.

SAVE THESE INSTRUCTIONS!

IMPORTANT SAFETY WARNING INSTRUCTIONS

(Continued...)

⚠ DANGER

KEEP WATER SPRAY AWAY FROM ELECTRICAL WIRING.

Keep wand, hose, and water spray away from electric wiring or fatal electric shock may result.

To protect the operator from electrical shock, the machine must be electrically grounded. It is the responsibility of the owner to connect this machine to a UL grounded receptable of proper voltage and amperage ratings. **Do not spray water on or near electrical components.** Do not touch machine with wet hands or while standing in water. Always disconnect power before servicing.

⚠ WARNING

RISK OF EXPLOSION – OPERATE ONLY WHERE OPEN FLAME OR TORCH IS PERMITTED.

Flammable liquids can create fumes which can ignite, causing property damage or severe injury.

⚠ WARNING

RISK OF EXPLOSION. DO NOT SPRAY FLAMMABLE LIQUIDS.

- Do not allow acids, caustic or abrasive fluids to pass through the pump.
- Never run pump dry or leave spray gun closed longer than 1-2 minutes.
- Keep operating area clear of all persons.

⚠ WARNING

PROTECTIVE EYE WEAR AND CLOTHING MUST BE WORN.

High pressure spray can cause paint chips or other particles to become airborne and fly at high speeds. To avoid personal injury, eye, hand, and foot protection must be worn when using this equipment.

Always wear properly-rated eye protection, such as safety goggles or face shield, while spraying. *(Safety glasses do not provide full protections.)*

⚠ WARNING

TRIGGER GUN KICKS BACK – HOLD WITH BOTH HANDS.

Grip cleaning wand securely with both hands before starting. Failure to do this could result in injury from a whipping wand.

⚠ WARNING

RISK OF INJECTION OR SEVERE INJURY TO PERSONS. KEEP CLEAR OF NOZZLE.

- To reduce the risk of injury, close supervision is necessary when a machine is used near children. Do not allow children to operate the pressure washer. This machine must be attended during operation.
- Never make adjustments on machine while in operation.
- Be certain all quick coupler fittings are secured before using pressure washer.

⚠ WARNING

DO NOT SPRAY MACHINE, PEOPLE, ANIMALS OR ELECTRICAL PARTS.

⚠ WARNING

SOME DETERGENTS MAY BE HARMFUL IF INHALED OR INGESTED.

Some detergents may be harmful if inhaled or ingested, causing severe nausea, fainting or poisoning. The harmful elements may cause property damage or severe injury.

⚠ WARNING

PROTECT FROM FREEZING.

- To keep machine in best operating conditions, it is important you protect machine from freezing. Failure to protect machine from freezing could cause malfunction of the machine and result in death, serious bodily injury, and/or property damage. Follow storage instructions specified in this manual.
- Inlet water must be clean fresh water and no hotter than 150˚F.
- Manufacturer will not be liable for any changes made to our machines or any components not purchased from us.
- The best insurance against an accident is precaution and knowledge of the machine.

⚠ WARNING

RISK OF INJURY FROM FALLS WHEN USING LADDER.

Be extremely careful when using a ladder, scaffolding or any other relatively unstable location. The cleaning area should have adequate slopes and drainage to reduce the possibility of a fall due to slippery surfaces.

- Do not overreach or stand on unstable support. Keep good footing and balance at all times.
- Do not operate this machine when fatigued or under the influence of alcohol, prescription medications, or drugs.

⚠ WARNING

IF CONNECTED TO A POTABLE WATER SUPPLY, PROTECT AGAINST BACK-FLOW.

GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION

This pressure washer is provided with a ground fault circuit interrupter (GFCI) built into the plug of the power supply. This device provides additional protection from the risk of electric shock. Should replacement of the plug or cord become necessary, use only identical replacement parts from the factory. Replace complete GFCI cord if the GFCI plug or cord is damaged, frayed or worn.

GROUNDING

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ DANGER

Improper connection of the equipment grounding conductor can result in a risk of electrocution. Check with qualified electrician or service personnel if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use any type of adapter with this product.

EXTENSION CORDS

Use only 3-wire extension cords that have 3-prong grounding type plugs and 3-pole cord connectors that accept the plug from the products. Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking "Acceptable for use with outdoor appliances, store indoors while not in use." Use only extension cords having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cord before using and replace if damaged. Do not abuse extension cords and do not yank on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

⚠ WARNING

TO REDUCE THE RISK OF ELECTROCUTION, KEEP ALL CONNECTIONS DRY AND OFF THE GROUND. DO NOT TOUCH THE PLUG WITH WET HANDS.

OPERATING THE PRESSURE WASHER

USER OPERATED CONTROLS

OFF/ON Switch: The power OFF/ON Switch is used to turn the pump motor on and off as necessary for operation. The OFF/ON Switch is located on the control panel located on the handle of the unit.

Spray Gun: The spray gun assembly provides the operator control of the flow, pressure, and pattern of the high-pressure spray. Squeezing the gun trigger while directing the spray nozzle toward the surface to be cleaned operates the spray gun. Your spray gun may be equipped with a dual nozzle or vari-nozzle.

- **Dual Nozzle:** The dual nozzle selector is used to select either the low-pressure "soap" nozzle or the high pressure "rinse" nozzle. Selection of the desired nozzle must be made while the spray gun trigger is released. To select the low-pressure nozzle, rotate the spray gun 90˚ counterclockwise so that the spray gun handle is parallel to the ground with the hose connection extending to the operators right, then squeeze the trigger. To select the high-pressure nozzle, rotate the spray gun 90˚ clockwise so that the spray gun handle is parallel to the ground with the hose extending to the operator's left, then squeeze the spray gun trigger. Once the nozzle has been selected and the spray gun trigger held open, the spray gun may be rotated and aimed at the surface.
- **Vari-Nozzle:** The vari-nozzle is used to select either low-pressure "soap" or high-pressure "rinse", and to adjust the spray-pattern from a wide-angle spray to a zero-degree stream. For high-pressure, pull the nozzle-body firmly toward the spray-gun handle. To select low-pressure, push the black nozzle body firmly away from the spray gun handle. To vary the spray pattern of the nozzle, twist the black nozzle body clock ways to narrow pattern and counter clock ways to widen the spray pattern.

Chemical Metering: The chemical metering knobs are located on the control panel located on the handle of the unit. Turning the knobs counter clockwise will increase the flow of chemical selected. Turn knob to the off position when chemical is not desired. Chemical is drawn from included chemical containers and must be filled if chemical is selected. Please refer to the Chemical Dilution Chart at back of this Owner's Manual.

PRE-OPERATION CHECK

- Perform the pre-operation daily maintenance check prior to operating the unit to ensure safe operation and prolonged equipment life.
- Read safety, operation, and maintenance instructions before starting machine.

DAILY MAINTENANCE

- Check oil level. Fill to center of sight glass. See "Oil" in General Maintenance Section.
- Check to see that the GFCI power cord is in good condition. Replace complete GFC cord assembly if either the GFCI, plug or cord is damaged, frayed or worn. Test the GFCI circuit weekly by pressing the TEST button on the GFCI. Reset the GFCI after test by pressing the RESET button on the GFCI.
- **Hoses** – Check hoses for breaks and damaged fittings. Replace as needed.
- **Spray Gun** – Check spray gun for damaged fittings, nozzle, and trigger. Replace as needed.

PREPARATION FOR USE

- Verify that the surface or equipment to be cleaned can withstand the high-pressure spray.
- Wear safety googles or other approved eye protection when cleaning with high-pressure spray washers.
- Check with your Safety Representative for other Personnel Protective Equipment (PPE) that may be required for the job being performed.
- Clear area of slip or trip hazards. Keep area clear while cleaning.
- Ensure the OFF/ON switch is set to the "OFF" position.
- Attach high-pressure hose to discharge nipple with quick coupler. Lock quick coupler in place by pulling

back coupler collar and inserting it into the discharge nipple then pulling back on coupler collar to lock into place.

- Attach spray gun to hose.
- Attach water supply hose to the water supply.
- Verify that the GFCI power cord/plug if equipped is fully inserted into the electrical receptacle or that the power cord is fully seated in a GFCI protected outlet. Press reset button on the GFCI.
- If using a cleaning chemical, ensure chemical containers are full prior to use.
- This machine will siphon chemical and mix with water at the Venturi Injector.

OPERATION

- Turn the water on at the supply valve.
- Firmly grasp spray gun.
- Point the spray gun in safe direction.
- Flip the OFF/ON switch to "ON
- Direct the spray gun nozzle toward the surface or equipment to be cleaned and squeeze the spray gun trigger. (Note: Use low-pressure for SOAP application and high-pressure for RINSE.)
- If using a cleaner, priming will best occur by turning the chemical metering dial counterclockwise to open all the way. Turn clockwise after cleaner starts to flow till you get the desired ratio. If using a thick cleaning agent then first prime with water and switch to cleaner after primed.
- Apply chemical solution on low-pressure to the surface or equipment to be cleaned and let soak according to the instructions for the chemical you are using.
- Use high-pressure spray to rinse the surface or equipment being cleaned. Rinse thoroughly.
- Upon completion of the cleaning job, flush the chemical from the chemical injector by rotating the chemical metering dial fully clockwise to the flush position. Operate the spray gun on low-pressure for one minute.
- Turn the OFF/ON switch to "OFF".
- Squeeze the spray gun trigger to release system pressure. Hose and spray guns cannot be disconnected while the system is pressurized.
- Disconnect and store all equipment.

ACCESSORIES

The accessories listed below are available for use with your Spray Master Technologies high-pressure cleaning system.

- **Hummer Jet™ Jr.** – Indoor floor surface cleaner. Focuses high-pressure spray in centralized area for thorough cleaning. Reduces misting and over spray.
- **Dual-Nozzle Spray Gun** – Single spray gun unit designed to quickly change from low pressure soap to high pressure rinse with the flip of a wrist.
- **Vari-Nozzle Spray Gun** – Single spray gun unit designed to quickly change from low pressure soap to high pressure rinse by a simple push/pull on the nozzle head.
- **Tornado Spray Gun** – High impact spray gun used to focus on small trouble areas.
- **Foamer Gun** – Specialized low-pressure spray gun that foams cleaning chemicals. Ideal for soak operations.
- **6" Shorty Spray Gun** – Specialized spray gun for tight spots.
- **Wall and Tile Brush** – 10" scrub brush hooks up to pressure hose and enables soap and rinse features.
- **Trap Shooter** – Specialized spray gun for cleaning drains and interior of containers.

MAINTENANCE

GENERAL MAINTENANCE

Oil: Add oil to the pump reservoir as needed to keep the oil level at the center of the oil-level sight glass between the arrows. Check oil level with the machine "OFF".

- First oil change must be done at 50 hours of operation.
- Follow-on oil changes must be done every 3 months or after 500 hours of operation.
- Use ISO-68 non-detergent hydraulic oil only.

Use of any other type of oil will VOID warranty and may damage the pump. Oil may be purchased from Spray Master by calling 800-548-3373 or 479-636-5776.

Chemical Foot Screen: Flush the chemical foot screens and injector with warm water to remove chemical buildup that can restrict water flow.

- Remove the chemical pickup tube with foot screen from the chemical supply and submerse in warm water.

MOVING & STORAGE

Moving: Spray Master ***Power Clean Go*** units are portable spray washers.

Storage: Store Spray Master equipment and accessories indoors and so that they do not present a trip or fall hazard. When storing Spray Master units for extended periods or in freezing conditions, store indoors.

Protect From Freezing: Store ***Power Clean Go*** pressure washers inside where temperature is above freezing.

⚠ WARNING

TO PREVENT DAMAGE TO THE PUMP, DO NOT RUN THE PUMP AFTER THE UNIT HAS BEEN EMPTIED.

⚠ CAUTION

IF YOUR SYSTEM IS USED TO CLEAN FOOD-PROCESSING EQUIPMENT, CONSULT YOUR CHEMICAL SUPPLIER FOR ANTI-FREEZE THAT IS SUITABLE FOR THAT APPLICATION.

CHEMICAL METERING

CHEMICAL METERING INSTRUCTIONS

The chemical dilution chart below display's ounces of chemical per gallon of water.

Follow the steps below to calculate and adjust the chemical dilution for a Spray Master cleaning system.

- Find your pump GPM rating on the left side of the chart.
- Follow the row identified in Step 1 to the right until you find the column heading with the chemical manufactures ounces per gallon to be injected into the water.
- The value at the point where the row, Step 1, and the column, Step 2, intersect is the duration of time, in seconds, it should take for the Spray Master system to draw 5 ounces of chemical.
- Example: The 2.1 gallon per minute (GPM) pump used to apply a chemical requiring a mix ration of 4 ounces per gallon will need to inject 5 ounces of chemical over a 36 second period.
- Fill a measuring cup, graduated in ounces, with the chemical to be injected and submerge the chemical pick-up tube with the foot screen into the chemical.
- Turn the pump ON and set it to inject chemical.
- Adjust the chemical metering device so that 5 ounces of chemical is injected in the duration of time identified in Step 3.

NOTICE

Failures due to bleach or injecting harsh or corrosive chemicals in non-compatible equipment will void the warranty.

NOTE: Check the chemical metering regularly to ensure accurate chemical dispensing.

		CHEMICAL MANUFACTURERS RECOMMENDED OUNCES PER GALLON (OZ/GAL.)										
		1/4	1/2	1	2	3	4	5	6	7	8	OTHER DILUTIONS USE
PUMP FLOW (GPM)	2.1	571	286	143	71	48	36	29	24	20	18	143 / (Oz per Gal.)
	2.6	462	231	115	58	38	29	23	19	16	14	115 / (Oz per Gal.)
	3.0	400	200	100	50	33	25	20	17	14	13	100 / (Oz per Gal.)
	3.6	333	167	83	42	28	21	17	14	12	10	83 / (Oz per Gal.)
		Time in Seconds to Draw Five (5) Ounces of Chemical										

SprayMaster TECHNOLOGIES

115 Linden St. • Rogers, AR 72756 USA • **(800) 548-3373**

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