

EASY-KLEEN

PRESSURE SYSTEMS LTD.

MANUFACTURER OF HIGH PRESSURE CLEANING EQUIPMENT

Owner's Manual

GROUNDHOG JETTER



1-800-315-5533 • service@easykleen.com • www.easykleen.com

IMPORTANT SAFETY INFORMATION

The safe operation of our pressure washing systems is the **FIRST** priority of Easy-Kleen. This will only be achieved by following the operation and maintenance instructions as explained in this manual and all other enclosed manuals.

This manual contains essential information regarding the safety hazards, operations, and maintenance associated with this machine. The manual should always remain with the machine, including if it is resold.

ALL CAUTIONS AND SAFETY WARNINGS MUST BE FOLLOWED TO AVOID INJURY OR DAMAGE TO EQUIPMENT.

THIS EQUIPMENT IS TO BE USED ONLY BY TRAINED OPERATORS AND MUST ALWAYS BE ATTENDED DURING OPERATION.



WARNING: To reduce the risk of injury, read operating instructions carefully before using.

1. Read the instructions in this manual carefully before attempting to assemble, install, operate or service this pressure washer. Failure to comply with the instructions could result in personal injury and/or property damage.



WARNING: Use protective eyewear and clothing when operating equipment in order to avoid personal injuries.



WARNING: This machine exceeds 85db. Appropriate ear protection must be worn.



WARNING: Risk of explosion. Operate only where open flame or torch is permitted.

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

2. Be thoroughly familiar with all controls and know how to stop the machine in the event of an emergency.



WARNING: Risk of fire. Do not add fuel when operating machine.

3. The minimum clearance to any combustible material is 12 inches.



WARNING: Keep water spray away from electrical wiring.

4. All electrically powered equipment must be grounded at all times to prevent fatal electric shocks. Do not spray water on or near electrical components. Do not touch electrical components while standing in water or when hands are wet. Always make sure machine is disconnected from power source before servicing.



WARNING: Risk of asphyxiation. Use this product only in a well ventilated area.

5. Use equipment in a well-ventilated area to avoid carbon monoxide poisoning or death.



WARNING: Risk of injection or severe injury to persons. Keep clear of nozzle spray.

6. High pressure spray can cause serious injuries. Never point pressurized spray at any person or animal. Handle the spray assembly with care.



WARNING: Risk of injury. Hot surfaces can cause burns.



WARNING: Trigger gun kicks back. Hold with both hands.

7. Hold firmly to the gun and wand during start up and operation of the machine. Do not attempt to make adjustments while the trigger gun is in operation.

8. Make sure all quick coupler fittings are properly secured before operating pressure washer.



WARNING: Risk of injury from falls when using ladder.

9. Do not overreach or stand on anything unstable. Keep a good balance and make sure to keep a steady footing at all times.



WARNING: Protect from freezing.

10. It is important to keep your machine from freezing in order to keep it in its best working condition. Failure to protect your machine from freezing may cause damage to the machine and personal injuries may occur as a result.



WARNING: Risk of Injury

11. For machines with a 12 V burner: Disconnect battery ground terminal before servicing.

12. Protect high pressure hoses from sharp objects and vehicles. Inspect condition of hoses prior to use, or serious injury could occur.


13. Do not pass acids or other caustic or abrasive fluids through the pump.

14. Never run pump dry of water or oil or let the pump run with the trigger gun released for more than 2 minutes.

15. Do not attempt to operate this machine if fatigued or under the influence of alcohol, prescription medications, or drugs.

16. Some of the maintenance procedures involved in this machine require a certified technician (these steps are indicated throughout this manual). Do not attempt to perform these repairs if you are not qualified.

If you need further explanation of any of the information in this manual, suspend any activity involving the equipment and call our toll free number for assistance, 1-800-315-5533.



WARNING
CALIFORNIA Proposition 65

Detectable amount of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be found in pressure washing equipment, accessories and exhaust.

California Health and Safety Code 25249.5

For More Information Visit
www.p65warnings.ca.gov D01-00612

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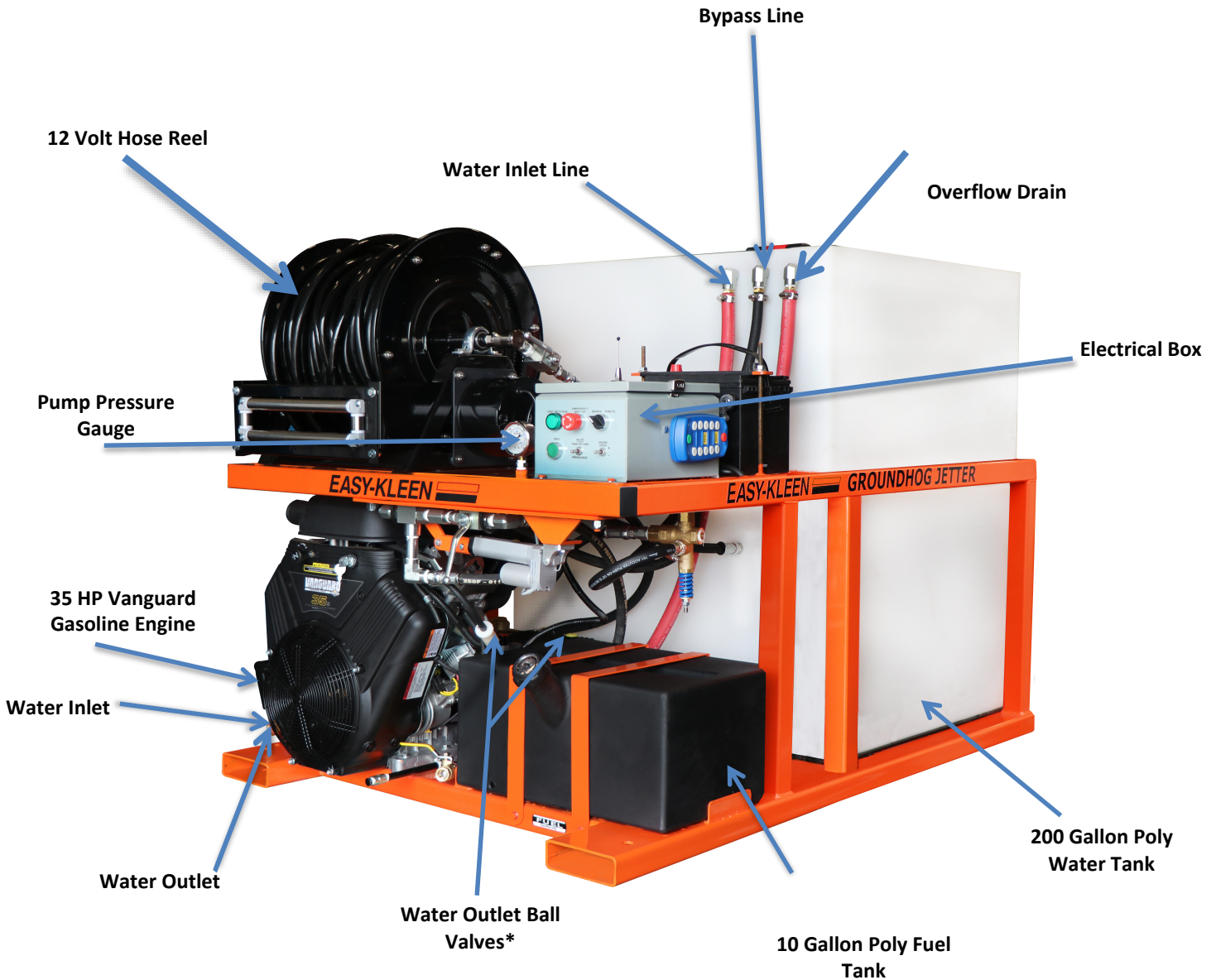
GROUNDHOG JETTER

The Groundhog Jetter is designed to be transported in a pickup truck or the side or rear door of a van.

Startup:

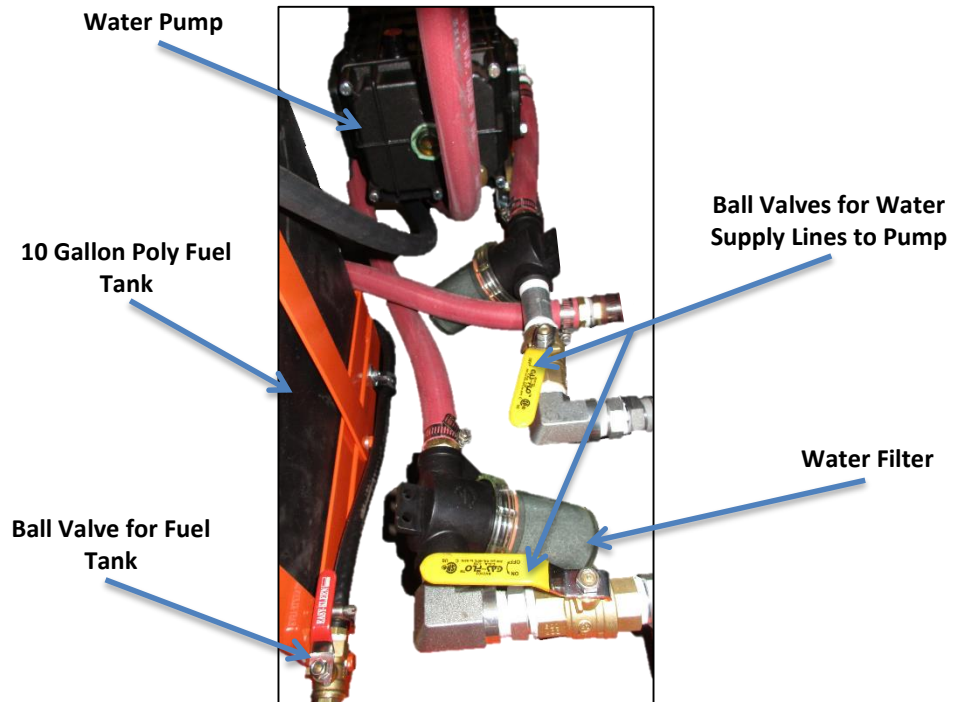
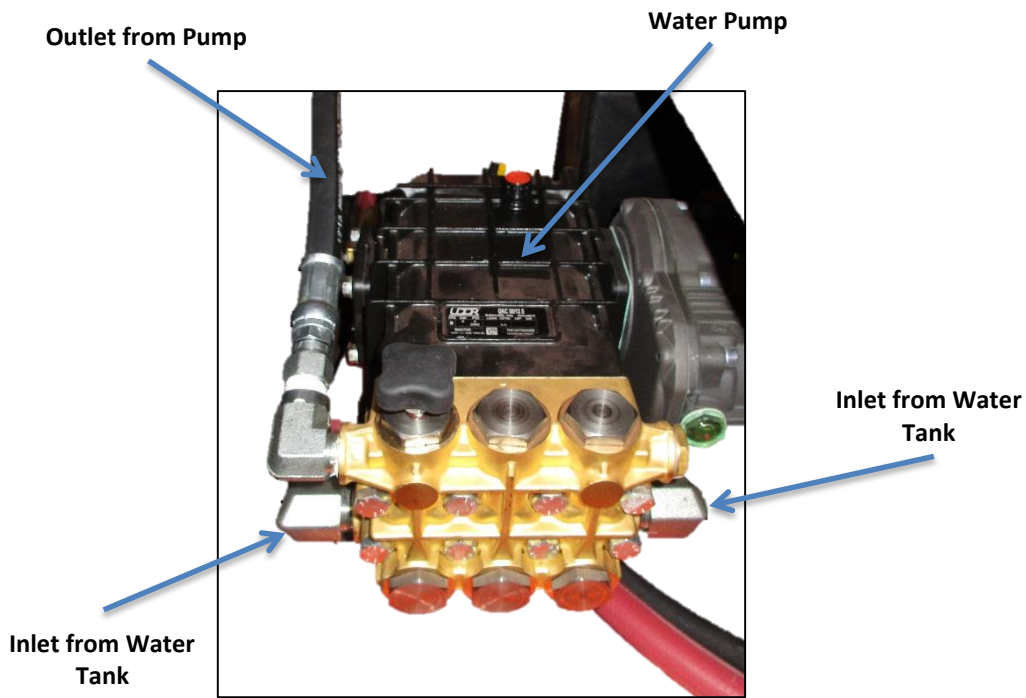
1. Ensure all ball valves are closed prior to starting machine.
2. Fill the 200 gallon tank with water.
3. There are two water outlet options: an outlet quick connector on the bottom left for the wash wand (beside the water inlet), and the green jetter hose mounted above on the 12 Volt hose reel. Open the water outlet ball valve for the outlet you wish to use.
4. Connect the pressure wand assembly.
5. Open the ball valves for the two main water supply lines going to the pump (valves are located at the bottom front of the water tank, behind the fuel tank).
6. Open ball valve to 10 gallon fuel tank and start engine to run the pump.
7. If you are using the jetter hose, press on the foot pedal to reel hose in to desired length.
8. If equipped with optional remote, it can be used to control the 12 Volt hose reel as well as turning the pressure on and off.
9. When storing: Do not store this machine in temperatures below 0°C (32°F).
10. Read the owner's manual and all other included component manuals prior to operating this machine; these manuals contain important information about safety hazards, proper setup, and maintenance.

COMPONENT IDENTIFICATION



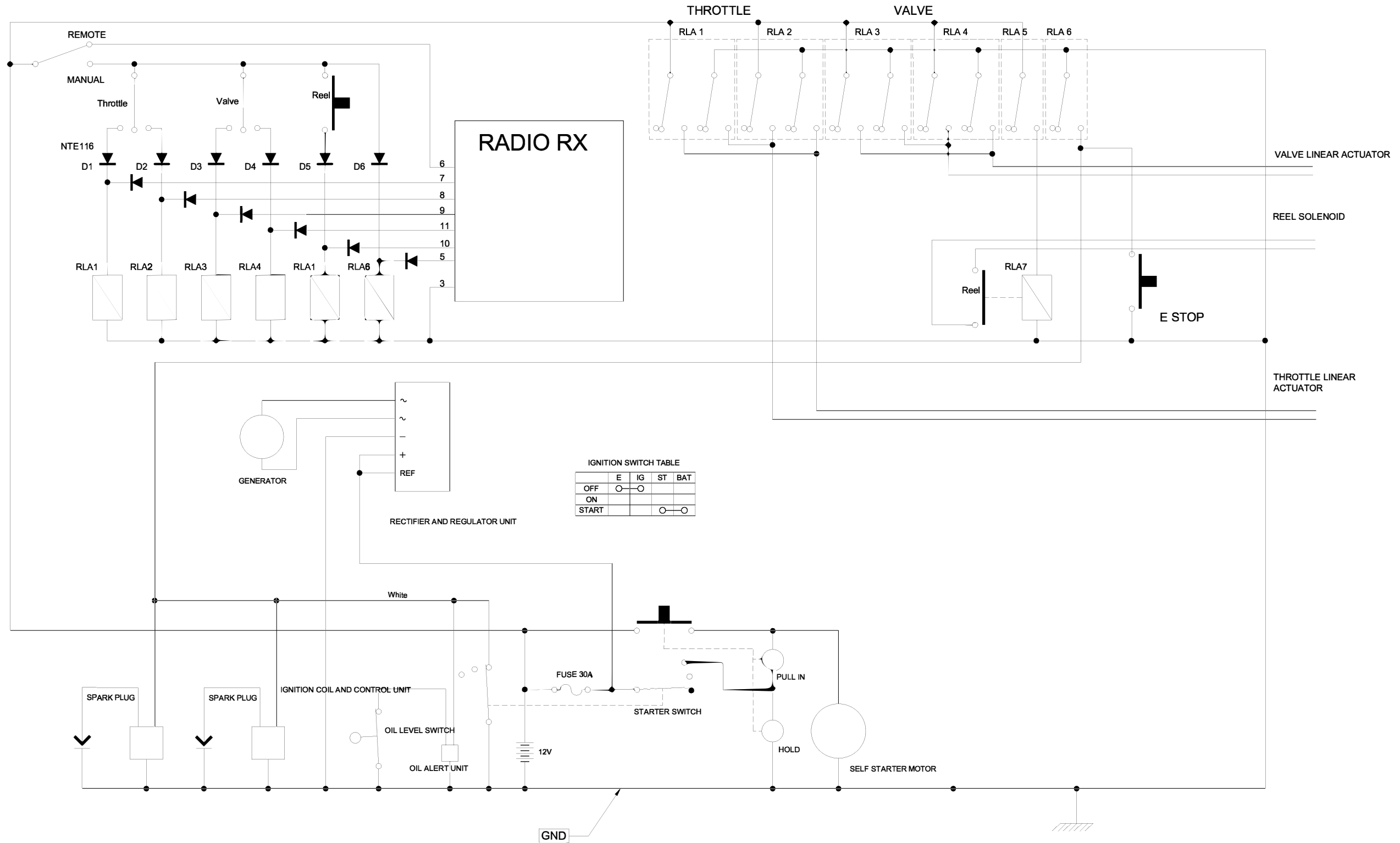
*The two ball valves control the water flow to the water outlet (on the bottom left) and to the jetter hose on the 12 Volt hose reel.
Depending on your model, the ball for the green jetter hose might be located beside the 12V hose reel.

Pump Assembly:



CIRCUIT DIAGRAM

JETTER WITH REMOTE CONTROL



IGNITION SWITCH TABLE

	E	IG	ST	BAT
OFF	○	○		
ON				
START			○	○

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Oct 6th, 2020

MANUFACTURER'S WARRANTY

Thank you for your purchase of an Easy-Kleen pressure cleaning system. All original equipment are warrantied for a specific period and on the conditions set forth, that the product is free from defect in materials and workmanship as follows:

Electric Motors	1Phase	18 Months
	3 Phase	24 Months
For warranty for these items manufacturer needs to be contacted		
Oil Burners	Igniters, Fuel Solenoid, Burner Motor, Fuel Assembly, Drive Shaft, Electrodes Blower, Wheel Fuel Pump	1Year Parts
Propane / Natural Gas Burners	Burner Rings, Gas Valves, Gas Valve Control Board	1Year
Fitting	All Fittings, Brass Stainless Steel, Steel, Etc.	30 Days
Heating Coils	All Coils	1Year Replacement
	Under 5100 PSI- 5 Year Prorated	25% Year each year for 4 Years
Gas Motors	Honda and Kohler have manufacturer's warranty. Manufacturer does not cover fuel systems.	
Lifan Motor	Contact Easy-Kleen for Warranty	1Year (for commercial use)
Frames	Limited warranty on Frames, Belt Guard, Welds due to manufacture defect.	
	Paint is not covered under the manufacturer's warranty due to the aggressive environment or natural wear.	
Plastic Tanks	Water or Fuel	1Year
Accessories/Wear Items	Unloader, Regulating Valves, Safety Valves, Jetter Valves, Check Valves, Foot Valves, Pulsation Dampeners, Trigger Guns, Rotary Nozzles, Chemical Injectors, Hose (Jetter Hose Not Included), Hose Reels, Sandblast Kits, Surface Cleaner, Water Broom, Water Strainer, Belts, Ball Valves, Swivels, Balanced Relief Valves, Accumulator Lances	90 Days
Electrical Components	Switches, Time Over Loads, Contactors, Transformer, Thermostat, Vacuum Switches, Flow and Pressure Switches, Relays, Primary Controls	90 Days
No Warranty Items	Fuel Filters, Nozzles, O- Rings, Thermo Relief Valves (Pump Seals, Valves, Plungers)	
ANY PARTS NOT LISTED ABOVE CALL FOR WARRANTY TIME FRAMES		

NOTE* Due to original equipment manufacturer's requirements, Easy-Kleen is not permitted to perform warranty repairs or claims for electrical motors, gas, or diesel engines. Please contact Easy-Kleen service department for a local warranty representative.

LIMITATIONS OF LIABILITY

Easy-Kleen liability for special, incidental, or consequential damages is expressly disclaimed. In no event shall Easy-Kleen's liability exceed the purchase price of the product in question. Easy-Kleen makes every effort to ensure that all illustrations and specifications are correct, however, these do not imply a warranty that the product is merchantable or fit for a particular purpose, or that the product will actually conform to the illustrations or specifications. Our obligation under this warranty is expressly limited at our option to the replacement or repair at our manufacturer location, is such part or parts at inspection shall disclose to have been defective. Easy-Kleen does not authorize any other party, to make any representation or promise on behalf of Easy-Kleen or to modify the terms, conditions, or limitations in any way. It is the buyer's responsibility to ensure that the installation and use of Easy-Kleen products conform to local codes. While Easy-Kleen attempts to ensure that its products meet national codes, it cannot be responsible for how the customer chooses to use or install the product. THE WARRANTY CONTAINED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

Easy-Kleen reserves the right to make any changes to an Easy-Kleen product at any time without incurring any obligation with respect to any product previously, ordered, sold, or shipped.

PUMP WARRANTY TIME LINE		
Cat Pumps	Direct Drive Pumps	2 Years
	Car Wash Pumps (Including all models used in Car Wash or Portable Fresh Water Pressure Cleaning applications)	5 Years
	All other pumps not listed above	1 Year
Giant Pumps	Pressure Washer and Self- Serve Car Wash Applications	5 Years
	All other Giant Pumps, Industrial and Consumer Pumps	1 Year
	Lifetime on Manifolds due to Manufacture defects	
AR Pumps	Plunger Pumps	5 Years
	Axial Pumps	1 Year
	AR Accessories	90 Days
General Pumps	Manifolds	5 Years
	Pressure Washer Pumps	5 Years
EK Pumps	Manifolds	5 Years
	Pumps	1 Year
	Accessories	90 Days
	Manufacturer does not cover wet end of Pump Seals, Valves, and Plungers.	

WARRANTY REPAIRS

Warranty claims must first contact Easy-Kleen's Service Department to be issued a preauthorized repair number (PARN). You will need a copy of your invoice and the equipment serial number.

If new parts are needed, they will be invoiced to you as normal. Defective parts are to be sent to us PREPAID for warranty consideration. If a part is found to be defective, a credit will be issued to cover the costs of parts. All work is performed at the manufacturers' place of business when returned PREPAID. This warranty will not cover labor if warranty work is conducted at the customer's place of business. Road service will be charged at the normal rate in these situations.

WARRANTY DOES NOT COVER:

- When warranty part is warranted the warranty time frame does not re-start.
- Warranty freight cost will be covered by Easy-Kleen for the first 30 days of sale of the machine due to manufacture defect or workmanship.
- Neglect of the periodic maintenance as specified in the owner's manual.
- Improper repair or maintenance.
- Operating methods other than those indicated in the owner's manual.
- The use of non-genuine Easy-Kleen parts or accessories other than those approved by Easy-Kleen
- Exposure of chemical agents, such as: Sea Water, Sea Breeze, Salt, or other environmental phenomenon.
- Collision, fuel contamination or deterioration, neglect, unauthorized alteration or misuse.
- Warranty does not cover travel or time if a service call is needed.
- Warranty does not apply when pump or accessory is altered or used in excess of recommended speeds, pressure, temperatures, or handling fluids not suitable for pump or accessory material.
- Construction warranty does not apply to normal wear.
- Warranty does not apply to normal wear (such as but limited to seals, packing valves, plungers and sealing O-Rings), freight damage, freezing damage or damage caused by parts or accessories not supplied by Easy-Kleen.
- After 30 days freight will become chargeable.
- Warranty covers In-House Labour and Parts if manufacture defect is repaired at an Easy-Kleen approved Service Center.

WARRANTY DOES NOT COVER DEFECTS CAUSED BY:

- Improper or negligent operation or installation, accident, abuse, misuse, neglect, unauthorized modifications, including, but not limited to, the failure of the customer to comply with recommended product maintenance schedules.
- Improper repairs
- Neglected maintenance/incorrect operation (specified in the Owner/Operator's Manual)
- Unapproved devices or attachments
- Water sediments, rust corrosion, thermal expansion, scale deposits or a contaminated water supply or use of chemicals not approved or recommended by Easy-Kleen Pressure Systems Ltd.
- Improper voltage, sudden voltage spikes or power transients in the electrical supply
- Usage which is contrary to the intended purpose of the equipment
- Natural calamities or disasters including, but not limited to, floods, fires, wind, freezing*, earthquakes, tornados, hurricanes and lightning strikes

*Includes damage done to components that come in contact with water as a result of freezing in a non-winterized machine.

