

DELUX[®]



DELUX[®] MAVERICK
SOFT WASH SYSTEM

INTRODUCTION

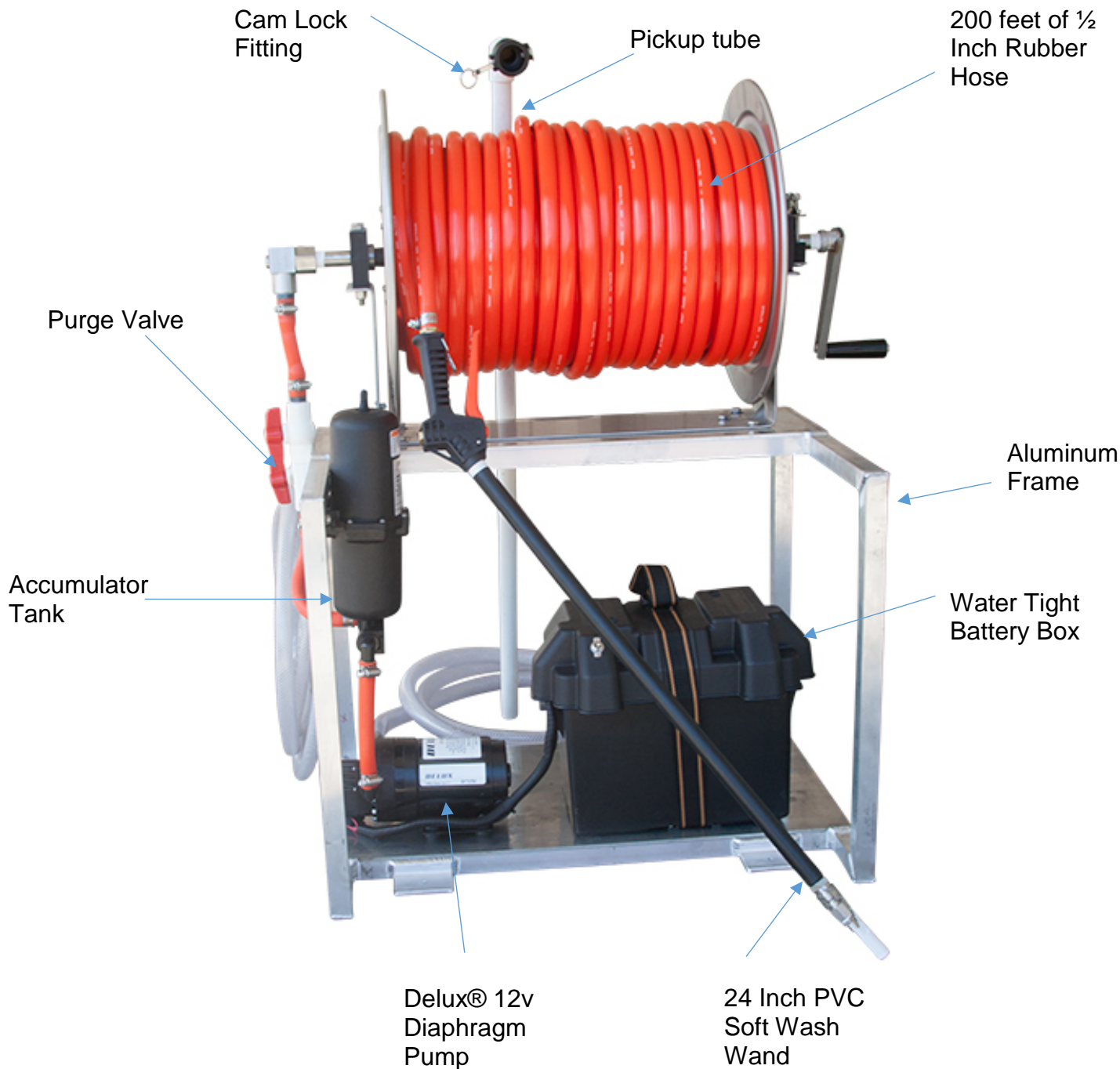
Congratulations on your choice of a Delux® Maverick Soft Wash System. We are certain you will be pleased with your purchase. This manual was created to help you get the best results from your new Delux® Maverick Soft Wash System. Please read it carefully and thoroughly to ensure that you learn to use your soft wash system safely.

Keep this manual nearby so you can refer to it as needed. If you should decide to sell your Delux® Maverick Soft Wash System, please be sure to include this manual.

We strongly encourage you to read the warranty policy for the Delux® Maverick Soft Wash System so you understand its coverage and your responsibilities of ownership. The information and specifications herein were correct at the time of publication. Delux® Cleaning Supply Inc. reserves the right to alter any design or specifications at any time without notice. If you have questions about your Delux® Maverick Soft Wash System that are not covered in this manual, please call us toll free at 1-888-42-DELUX

Thank you for your purchase.

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The Maverick Soft Wash System is a professional grade soft wash machine for low pressure roof cleaning and house washing. The high strength aluminum tube frame protects a Delux D7150 12v diaphragm pump, a Floject Accumulator, and a water tight battery box. A hose reel sits on top of the frame with 200 feet of Ag chemical resistant hose. The Maverick Soft Wash System is strong, efficient, and ready for work.

WHAT'S IN THE BOX

DELUX® 12 VOLT DIAPHRAGM PUMP

7 GPM, 100 PSI, Delux® diaphragm pump with a maximum temperature of 160 F.

FLOJET ACCUMULATOR TANK

The FLOJET Accumulator Tank when used with a diaphragm pump gives you the best of both worlds! High flow when you need it and the ability to restrict the flow for sensitive situations. When the pump starts, liquid enters the reservoir compressing the bladder until the maximum pressure for the pressure switch is reached then the pump shuts off. When water is demanded, pressure in the air chamber forces liquid into the system. Pump stays off until the minimum pressure is reached on the switch. Then pump turns on, reducing cycling leading to longer switch and pump life.

CAM LOCKS

Cam locks make it easy to connect hoses quickly. No need to screw anything together.

PICKUP TUBE

This rigid pickup tube ensures that the pump will always draw chemical, even when the tank is low.

½" X 24" PVC WAND

This chemical resistant wand allows the user to extend their reach.

½" X 200' RUBBER HOSE

This chemical resistant hose transports the bleach solution from the Bronco to the gun, wand, and nozzle.

WATER TIGHT BATTERY BOX

The water tight battery box will protect electrical components while the Bronco is in operation.

PURGE VALVE

A PVC purge valve is fixed to the line between the accumulator and the hose reel to relieve the pressure that can build up when the tank runs dry. Turn the valve to release the pressure from the system and drain the fluid back into the mix tank.

The second valve allows the flow to be cut off to the hose reel and redirected to a mix tank. This makes it easy and fast to create chemical blends right at the jobsite.

WHAT YOU NEED TO GET STARTED

A 12 VOLT BATTERY

We recommend a Group 24 DeepCycle Marine 12 volt battery with 550 cold cranking amps or higher.

A CHEMICAL MIX TANK OR BUCKET

Most contractors use a 100 gallon mix tank.

GETTING STARTED

1. CONNECT THE BATTERY TO THE SYSTEM USING THE PROVIDED CABLES AND TERMINALS

Deep cycle batteries have a two threaded posts with wingnuts on top. Remove the wingnuts and place them off to the side. Slide the ring on the end of the black wire over the negative (-) post, and screw the wingnut down to secure it in place. Then slide the ring on the end of the red wire over the positive (+) post, and secure it with the other wingnut.

2. PLACE THE PICKUP TUBE INTO YOUR CHEMICAL SOLUTION.

Make sure that the pickup hose is submerged in the chemical solution.

3. UNROLL THE REEL

The entire 200 foot length of hose should be unrolled from the reel before you begin washing.

4. MAKE SURE THE PURGE VALVE IS IN THE CLOSED POSITION AND THE HOSE REEL VALVE IS IN THE OPEN POSITION

The purge valve should be perpendicular to the pipe leading to the purge line. The valve that directs flow to the hose reel should be parallel to the line running to the hose reel.

5. TURN THE SYSTEM ON BY FLIPPING THE SWITCH ON THE BATTERY BOX TO THE ON POSITION.

NOTE: The trigger gun, J-rod nozzle holder with nozzles, and stainless steel quick connects for the J-Rod, will be inside the battery box.

TIPS AND TRICKS

A FULLY CHARGED PREMIUM GRADE 550 CRANKING AMP OR HIGHER GROUP 24 DEEP CYCLE BATTERY SHOULD GIVE THE USER UP TO 10 HOURS BEFORE RE-CHARGING IS NEEDED.

Use a deep cycle battery charger when charging the battery while disconnected from the system. As the battery loses power there is a potential for the 30 amp fuse located in the battery box to break. It may also cause the 40/60 SPST Relay located on the head of the pump to fail. If the system does not power on, check the fuse and the relay. If the relay has failed, inspect the relay under the protective covering for burn marks or also potential rust.

BE SURE TO SPRAY FROM THE GROUND

This system is designed for spraying chemical from the ground or the gutter line of two story home. Once the nozzle is vertical above 20 feet this can cause positive pressure back to the system. This can cause a malfunction with the accumulator tank. If hesitation is noticed while the wand is elevated then this means, air or back pressure could be trapped inside the accumulator tank. Air is best removed by disconnecting the hose from the accumulator tank. This will cause any chemical in the line to drain so use caution.

UNROLL THE HOSE COMPLETELY

When using a hose reel, it is recommended to have the hose completely off of the reel during use for best performance.

MAKE SURE THE INLET LINE IS IN THE MIX TANK.

Do not turn the system on until the pickup hose is drawing water/chemical.

NEVER USE POWDERED DETERGENTS

It is recommended to use this system with a mix of concentrated liquid cleaners (ie. sodium hypochlorite) and water only.

PURGE THE SYSTEM WHEN NECESSARY.

If the pump does not prime when it is turned on, you may need to purge the air from inside the accumulator tank. Place the purge line into your chemical tank. Then turn the hose reel valve to the off position and then open the purge valve.

CLEANUP

RINSE THE SYSTEM COMPLETELY

The use of highly corrosive chemicals like Bleach, sodium hypochlorite, will damage the pump over time. It is highly recommended to thoroughly rinse the system after every use.

Use PM Bleach Neutralizer at the end of every day.