

H2OSOLUTIONSLLC.COM
1-855-326-WASH

PRELIMINARY DESCRIPTION OF INSTALLATION

OVERVIEW:

INSTALLATION CHARGE INCLUDES PLANNING, PREPARATION, RECEIVING, UNCRATING, AND INSTALLATION OF EQUIPMENT IN WASH BAY AND EQUIPMENT ROOM. INSTALLATION AND CONNECTION OF HYDRAULIC LINES, CHEMICAL AND AIR LINES FROM EQUIPMENT ROOM TO WASH BAY. CONNECTION OF FRESH AND RECLAIM WATER FROM WALL PLUMBING TO EQUIPMENT. START-UP, ADJUSTING EQUIPMENT AND TRAINING. DOES NOT INCLUDE WALL MOUNTED WATER PLUMBING (FRESH, SOFT, AND RECLAIM) PLUMBING OF THE WATER SOFTENER, CARBON TANKS. RECLAIM AND AIR PLUMBING.

DOES NOT INCLUDE ELECTRICAL WIRING. ELECTRICIAN IS RESPONSIBLE FOR WIRING 120V AND ABOVE AND RUNNING CONDUIT AND PULLING WIRES FOR THE CONTROL WIRING.

DETAILS:

Installation includes but is not limited to, labor, consultation, & support to ensure a quality installation. This involves moving and placing conveyor sections in order, while ensuring proper elevation and grade of conveyor path. Once placed conveyor is welded together and plumbed for electrical, pneumatic, fluid/chemical, and hydraulics. Chain and pushers will need to be installed and checked for proper spacing, direction, and tension. Installation of in-bay equipment which requires measuring and centering of each component to ensure it is placed correctly and in order according to the drawings. Once in-bay equipment has all been placed, and measurements checked the equipment is then anchored to the ground and cores and wash material are installed on equipment. The components for the equipment room are moved and set in place according to the drawings and prepared for plumbing and wiring. Ladder rack will be installed along with hydraulic hose, stainless tubing, poly flow lines, and wiring. The wiring for the conveyor and pay station are run through underground conduit and pay station is placed and anchored along with gate and awning. All plumbing to equipment is organized and connected to individual components ensuring quality and efficiency for cosmetics and operation. MCC and controller are also mounted and wired to correct connections. The hydraulic unit is filled with hydraulic fluid. Once everything is placed and plumbed/wired properly each component will need to be tested and adjusted for proper operation. Chemical/fluid applicating components are ran and flushed before installing proper tips and hardware and chemicals are added to the system. Once all components are individually checked, tested, and troubleshooting is complete. The system is tested and checked for issues and re- adjustments. A “ghost car” is ran through the tunnel to begin the process of programming the timing and duration of each function for each component. Once this is complete and everything is checked, and final adjustments are made owners, employees, and management are trained on how to operate and trouble shoot equipment. A final check will be executed, and installer will ensure that all questions and concerns are addressed. Once system is up and running the car wash will be ready to begin washing cars.

PLUMBER RESPONSIBLE FOR ALL HARD PIPE ON WALL INCLUDING AIR FOR SOFTENER, WATER TANKS SPOT FREE. SHUT OFF VALVES FOR EACH COMPONENTS WILL NEED TO BE INSTALLED BY PLUMBER.

ELECTRICIAN IS RESPONSIBLE FOR ALL CONDUIT AND ALL HIGH VOLTAGE WIRE
ALL STRANDED WIRES – NO SOLID WIRE WHATSOEVER (MINIMUM OF 12 DIFFERENT COLORS) HOOK UP ALL MOTORS AND TEST FOR ROTATION
GIVE INSTALLER AMP DRAWS FOR EACH MOTOR
ALL CONDUIT RAN AND WIRES PULLED FOR CONTROLLER AND MCC ANY AND ALL STOP BUTTONS/SWITCHES (MINIMUM TWO)
ALL INTERNET CABLES



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PRELIMINARY SITE CHECKLIST

ARE YOU READY FOR H2O TO BEGIN INSTALLATION?

- ○ Is the structure (including, but not limited to, building, windows, flooring, doors, roofing, tunnel walls, paint, trim, etc.) completed?
- ○ Is there electricity (temporary or permanent) available?
- ○ Is the drive around the perimeter of the wash bay completed with either concrete or asphalt?

ARE YOU READY FOR H2O TO COMPLETE INSTALLATION?

- ○ Are electricians completed and electricity is fully powered on to the building and all equipment?
- ○ Have the electricians provided an AMP load inspection list for all motors to installers?
- ○ Is all of the exterior paving & concrete completed?
- ○ Are there other sub-contractors on site working? If so, explain:

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- ○ Please provide current status of site & expected open date:

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THIS DOCUMENT IS FOR PRELIMINARY REFERENCE PURPOSES ONLY. ALL DETAILS MAY CHANGE UPON THE DISCRETION OF H2O SOLUTIONS, LLC