

HYDRA-FLEX INC

AQUA-LAB AX CHEMICAL DELIVERY SYSTEMS

The AQUA-LAB™ AX Series of chemical delivery systems are designed for automatic car washes to feed 10 chemicals at 10-20 GPM solution flow. The AQUA-LAB AX will reduce costs and simplify the delivery of liquid chemicals to your vehicle wash arch. Our plug-and-play system is compact and preassembled for quick installation.



BENEFITS

- COST SAVINGS OF UP TO 20% ON WATER, CHEMICALS, ELECTRICAL AND MAINTENANCE
- CONSISTENT AND ACCURATE CHEMICAL APPLICATION FOR CLEANER CARS
- WALL MOUNTED TO SAVE SPACE
- MAINTENANCE IS GREATLY REDUCED COMPARED TO OTHER CHEMICAL FEED SYSTEMS
- USES HYDRA-CANNON CHEMICAL MANIFOLDS AND COLOR-CODED CHEM-FLEX INJECTORS FOR EASY AND QUICK SERVICE
- QUIETER OPERATION, NO AIR PUMPS REQUIRED
- FOR NEW INSTALLATIONS OR RETROFIT IN ANY CAR WASH

AQUA-LAB Chemical Delivery Systems are designed to provide chemical solutions and foaming product to application arches. Pumps, solenoids, injectors, air control valves and manifolds are all mounted, pre-wired and pre-plumbed.

CLEAN CARS FOR LESS



Operating Cost Savings—

Typical operating cost savings of up to 20% at installed locations—including chemical, water, electricity and maintenance.

Eco-Friendly Solution—Reduced chemical and operating costs make this an eco-friendly solution for car wash owners focused on providing a “green” solution for the customer.

Consistent Coverage—The Hydra-Flex AQUA-LAB AX gives you consistent chemical coverage as well as consistent PSI, ending your frustration with spikes in your municipal water pressure during chemical application. Consistency allows you to speed up the line and increase cars per hour.

Minimal Maintenance—Because AQUA-LAB AX systems use only one or two pumps and there is no chemical flow through these pumps, the maintenance is greatly reduced in contrast to other systems.

Space Savings—The AQUA-LAB AX is only 36” wide by 12” deep, which can mean increased space in your pump room. With added room you may choose to consider the expansion of additional profit centers.

Quieter Operation—Hydra-Flex uses non-air-driven pumps in AQUA-LAB chemical delivery systems which are much quieter than traditional pumps.

Higher PSI—At Hydra-Flex we use a higher PSI than industry average, which gives the consumer better results—cleaner cars with less chemical usage.

Utility Savings—Our non-air-driven pumps also help you to save air and electrical costs.

CREATING SOLUTIONS FOR YOUR CHEMICAL DELIVERY NEEDS



- Modular manifolds hold 10 CHEM-FLEX injectors
- Foam generation with up to 10 air valves and individual regulators
- Pressure regulator maintains consistent pressure
- Pump outlet pressure gauge to monitor system performance
- Pre-assembled pump connections and water inlet manifold
- Quick disconnect between pump and manifold
- Cabinet constructed of chemical resistant polyethylene and CPVC
- Inlet and outlet connections through cabinet for easy installation

WITH OUR QUICKCHANGE FEATURE, INJECTORS ARE EASY TO INSTALL, REPLACE AND ROTATE TO FIT YOUR APPLICATION NEEDS.



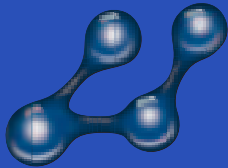
- Modular design for mix and match of injectors to meet your specifications; CHEM-FLEX injectors have a variety of outlet connections including: 3/8" hose barb, 1/2" hose barb, and 3/8" male NPT
- CHEM-FLEX Injectors
 - QuickChange coupling on the HYDRA-CANNON manifold makes injectors simple to install and conveniently rotate in any direction
 - Patented design – Includes Kynar® to eliminate corrosion on wetted parts
 - Metering tip options are available to change dispensing ratios
- Easy assembly and disassembly; no special tools required
- Compact and lightweight design



- 10 or 20 GPM pump option
- Pre-set at factory for 200 PSI

CHEM-FLEX Injector





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Specifications

- Voltage: Three phase, 230/480 VAC @ 60 Hz
- Size: 20.0" H x 36.0" W x 12.0" D
- Pre-wired and plumbed for water, air and chemical control

Configuration Options

AQUA-LAB AX Part Number Guide

VALVE VOLTAGE	
#	DESCRIPTION
1	24 VAC
2	24 VDC
3	120 VAC

PNEUMATICS PACKAGE	
#	DESCRIPTION
0	No air
1	5 air
2	10 air

C-1-2-1

PUMP SIZE/GPM	
#	DESCRIPTION
B	AX – wall mount @ 10 GPM
C	AX – wall mount @ 20 GPM

MOTOR STARTER	
#	DESCRIPTION
0	None
1	230 V
2	480 V

Contact a Hydra-Flex representative today to learn more or go to our website: www.hydrflexinc.com

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