

**HYDRA-FLEX INC**

## AQUA-LAB TX CHEMICAL DELIVERY SYSTEMS

The AQUA-LAB™ TX Series of chemical delivery systems are designed to feed 15 chemicals at 40 GPM solution flow to your tunnel wash arch. The AQUA-LAB TX will reduce costs and simplify the delivery of liquid chemicals. Our plug-and-play system is compact and preassembled for quick installation.

### FOR YOUR TUNNEL WASH

- **TRULY INNOVATIVE EQUIPMENT TECHNOLOGY**
- **MEASURABLE WATER, ENERGY AND CHEMICAL SAVINGS**
- **PROVEN RELIABLE CHEMICAL DELIVERY SYSTEMS**

#### BENEFITS

- COST SAVINGS OF UP TO 20% ON WATER, CHEMICALS, ELECTRICAL AND MAINTENANCE
- CONSISTENT AND ACCURATE CHEMICAL APPLICATION FOR CLEANER CARS
- AVAILABLE IN FLOOR-MOUNT OR WALL-MOUNT MODELS
- 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
- FOR NEW INSTALLATIONS OR RETROFIT IN YOUR TUNNEL CAR WASH



## AQUA-LAB TX CHEMICAL DELIVERY SYSTEMS

AQUA-LAB TX 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.



- High flow distribution manifold
- 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

- Extruded aluminum frame
- Light weight and durable design
- Wall or floor mount



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



**CHEM-FLEX Injector**

- Foam generation with 15 air valves and individual regulators
- Uses HYDRA-CANNON Manifold Systems and CHEM-FLEX Injectors
- Patented design – includes Kynar® to eliminate corrosion on wetted parts
- CHEM-FLEX Injectors have a variety of outlet connections including: 3/8" hose barb; 1/2" hose barb and 3/8" male NPT
- QuickChange couplings on the HYDRA-CANNON manifold makes injector installation quick and easy
- Metering tip options are available to change chemical dispensing ratios
- Easy assembly and disassembly, no special tools required
- Compact and lightweight design

**AQUA-LAB TX CHEMICAL DELIVERY SYSTEMS ARE AVAILABLE IN TWO MODELS:**

**AQUA-LAB TXF Floor Mount**—comes with 15 chemical injectors and 40 GPM solution flow.

**AQUA-LAB TXW Wall Mount**—comes with 15 chemical injectors but the cabinet as well as the pumps can be mounted on the wall wherever it meets your layout needs.



**AQUA-LAB TXF Floor Mount**  
pump layout for floor installation



**AQUA-LAB TXW Wall Mount**  
pump layout for wall installation

## 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 TX 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.

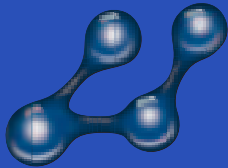
**Minimal Maintenance**—Because AQUA-LAB TX systems use only one or two pumps and there is no chemical flow through these pumps, the maintenance is greatly reduced in contrast to other systems.

**Space Savings**—The AQUA-LAB TX is only 34” wide by 53” tall, 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 TX 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.



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## AQUA-LAB TX CHEMICAL DELIVERY SYSTEMS



### Specifications

- Voltage: Three phase, 230/480 VAC @ 60 Hz
- Size: AQUA-LAB TXF: 52.0" H x 38.0" W x 36.0" D  
AQUA-LAB TXW: 52.0" H x 24.0" W x 13.0" D
- Pre-wired and plumbed for water, air and chemical control

### Configuration Options

#### AQUA-LAB TX Part Number Guide

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

PNEUMATICS PACKAGE	
#	DESCRIPTION
0	No air
3	15 air

**J-1-2-1**

PUMP SIZE/GPM	
#	DESCRIPTION
J	TXF – floor mount, dual pump @ 40 GPM
M	TXW – wall mount, dual pump @ 40 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](http://www.hydrflexinc.com)

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