



Venturi Dilutor M600200



SHANGHAI CHANG JIAN HOTEL EQUIPMENT CO.,LTD.

WARNING:

These installations, operations and repairs are for qualified personnel only. This device must be installed and commissioned by experienced installation personnel based on the correct pipeline method.

Please first confirm that the product contains the following accessories:

- 1 One inlet pipe
- 2 One extraction pipe
- 3 One discharge pipe
- 4 Parts kit (expansion screws, dilution ratio head, detergent suction head, weight hammer)

Product Specifications:

Technical specification			
Model number:	M600200	Installation mode:	Wall-hung type
Water pressure requirements:	1.5-3.5Mpa	Length of inlet pipe:	1.5M
Inlet pipe velocity:	3-5L/min	Length of extraction pipe:	2M
Core material:	Corrosion-resistant plastic	Length of discharge pipe:	0.3M

I. INSTALLATION AND OPERATION

1. Remove the DOS shell first and drill four holes in the wall with a $\Phi 6$ drill bit. Put the expansion tube in and screw in the top two screws. Put the keyhole on the DOS shell over the screw head, tighten the screw, and finally screw on the bottom two screws, and the installation height shall not be higher than 1.5 meters.
2. Take a nozzle and insert it into the port where the concentrate is drawn. Attach the hose. Attach the ceramic weight and the bottom valve at the other end of the hose.
3. Put the hose with the bottom valve into the concentrated liquid, regularly check whether the bottom valve filter is blocked, and clean it in time.
4. The drain pipe is inserted into the drain port, which is only 20 cm long for the watering can. The installation height for the mop bucket should be measured and cut according to actual needs. (The steel hoop should be connected to the drain port)
5. Connect the water inlet pipe (supplied), connect the other end to the water supply port (the interface is 1/2 "), and turn on the water switch.
6. Put the DOS shell on.
7. Press the button to pump the liquid supply pipe full, and it can be used normally. This button has the locking function, press and turn it to the right to lock. If you need to unlock, turn the button back to the left and it will pop out naturally, so that it stops working.

II. NOZZLE AND DILUTION CONCENTRATION

The dilution distributor standard flow range: 3-5L/min

The concentration of the final dispensed solution depends on the size of the nozzle and the viscosity of the concentrate. And when the water temperature and pressure are different, the concentration of dilution will be different. Therefore, after the installation, a measurement procedure is also carried out. To ensure accurate dilution concentrations are obtained, the following is the reference value chart.

Nozzle color	Diameter	Scale
Brown	$\Phi 0.2$	1000:1
Cyan	$\Phi 0.4$	550:1
Yellow	$\Phi 0.5$	100:1
Blue	$\Phi 0.6$	75:1
Gray	$\Phi 0.7$	40:1
Red	$\Phi 0.8$	33:1
Black	$\Phi 1.0$	25:1
White	$\Phi 1.2$	20:1

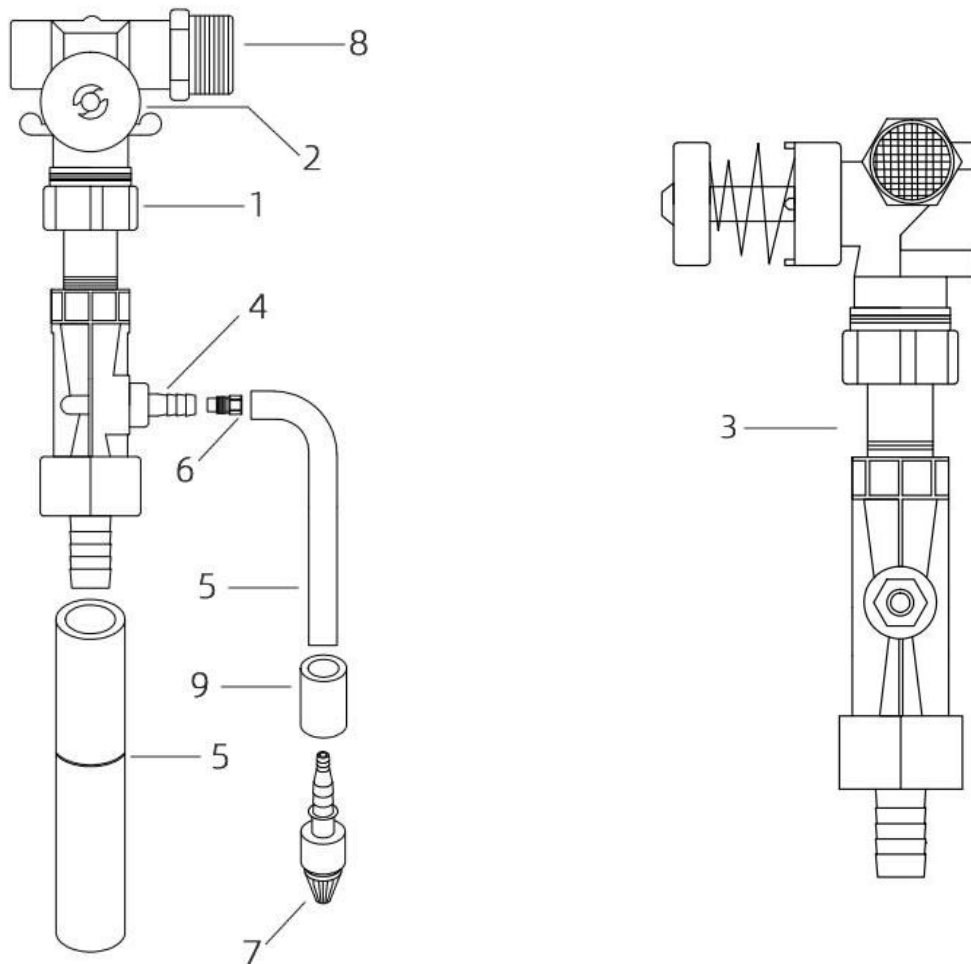
III. TROUBLESHOOTING

Breakdown		
1. No liquid extraction	1 No water source 2 The magnetic control valve is broken 3 Excessive water pressure 4 The water inlet filter is blocked	1 Turn on the water 2 Replace the magnetic valve 3 Install a regulating valve 4 Clean or replace
2. No concentrate extraction	1 Bottom valve plugging 2 Nozzle clogging 3 Low water pressure 4 Scale in the injector	1 Clean or replace 2 Clean or replace 3 Normal working water pressure can not be less than 1.4kg/cm ² , increase the water pressure or install a booster pump 4 Descaling or replacement
3. Excessive extraction of concentrate	1 Nozzle installation is not in place 2 Concentrated liquid higher than dispenser	1 Reassembly nozzle 2 Place the concentrated solution below the dispenser
4. The suction cannot be turned off	1 The magnetic control valve is damaged 2 Button stuck	1 Replace the magnetic valve 2 Restore button position
5. There are air bubbles in the discharge	1 Suction pipe leaks	1 Replace the pipette

IV. SAFETY PRECAUTIONS

1. Assemble the distributor according to the installation program and ensure that each component is properly installed.
2. Follow the chemical manufacturer's safe operating instructions.
3. Wear protective glasses with protective clothing when handling chemicals
4. Keep equipment clean to ensure proper operation

V. INTERNAL STRUCTURE AND PARTS



	PART NUMBER	DESCRIPTION
1	60302	Magnetic control valve
2	60303	Button
3	60305	Injection valve assembly
4	60306	Pagoda joint
5	60307	Plastic pipe
6	60308	Nozzle
7	60309	Bottom valve
8	60310	Threaded joint
9	60311	Ceramic weight