

Chemical Concierge Full Assembly



Process Notes

- This picture refers to a Chemical Concierge “ Full Assembly”, with different mounting options.
- Refer to your own configuration for mounting preferences.

Parts Included

Part #	Description	Quantity
20012465	Dosatron Panel, Sheet Metal Wall Mount	1
20012466	Dosatron Panel, Air Manifold	1
20012463	Dosatron Panel, Water Manifold	1
10011433	Rubber Grommet, 1 1/2 ID, 2 3/8 OD	3
10011434	Rubber Grommet, 1 ID, 1 3/4 OD	6
20012464	Chemical Concierge, Pump Mount Weldment	3
10002016	Nipple, Brass Hex Pipe 3/4in	12
10003977	Ball Valve, 9334 Bronze 3/4in FPT	6
10011243	Adapter, 3/4 PEX x 3/4 MNPT Straight	12
10000594	Plug, Brass Hex Head 1/4in MPT	9
10011478	Adapter, Swivel 1/4-18 MPT X 1/4-18 FPT	9
10010526	Plug, PVC80 1 1/2" MPT	2
10011514	Disconnect Clip, 3/4in Push to Connect	1

Tools Needed

Tool Name
7/16" Wrench
5/8" Wrench
3/4" Wrench
3/16" Allen Wrench
3/4" Hole saw bimetal
1/2" chuck Drill Driver
9/16" or 1/2" Drill Bit – (9/16" Recommended)
6" Clamp
Blue thread locker
Teflon Tape

Part Configuration Options

Chemical Solenoid Options	
Part #	Description
20012568	Chemical Solenoid 24VAC DIN Sub-Assy
20012569	Chemical Solenoid 24VAC CON Sub-Assy
20012570	Chemical Solenoid 110VAC DIN Sub-Assy
20012571	Chemical Solenoid 110VAC CON Sub-Assy
20012572	Dual Chemical Solenoids 24VAC DIN
20012573	Dual Chemical Solenoids 24VAC CON
20012574	Dual Chemical Solenoids 110VAC DIN
20012575	Dual Chemical Solenoids 110VAC CON

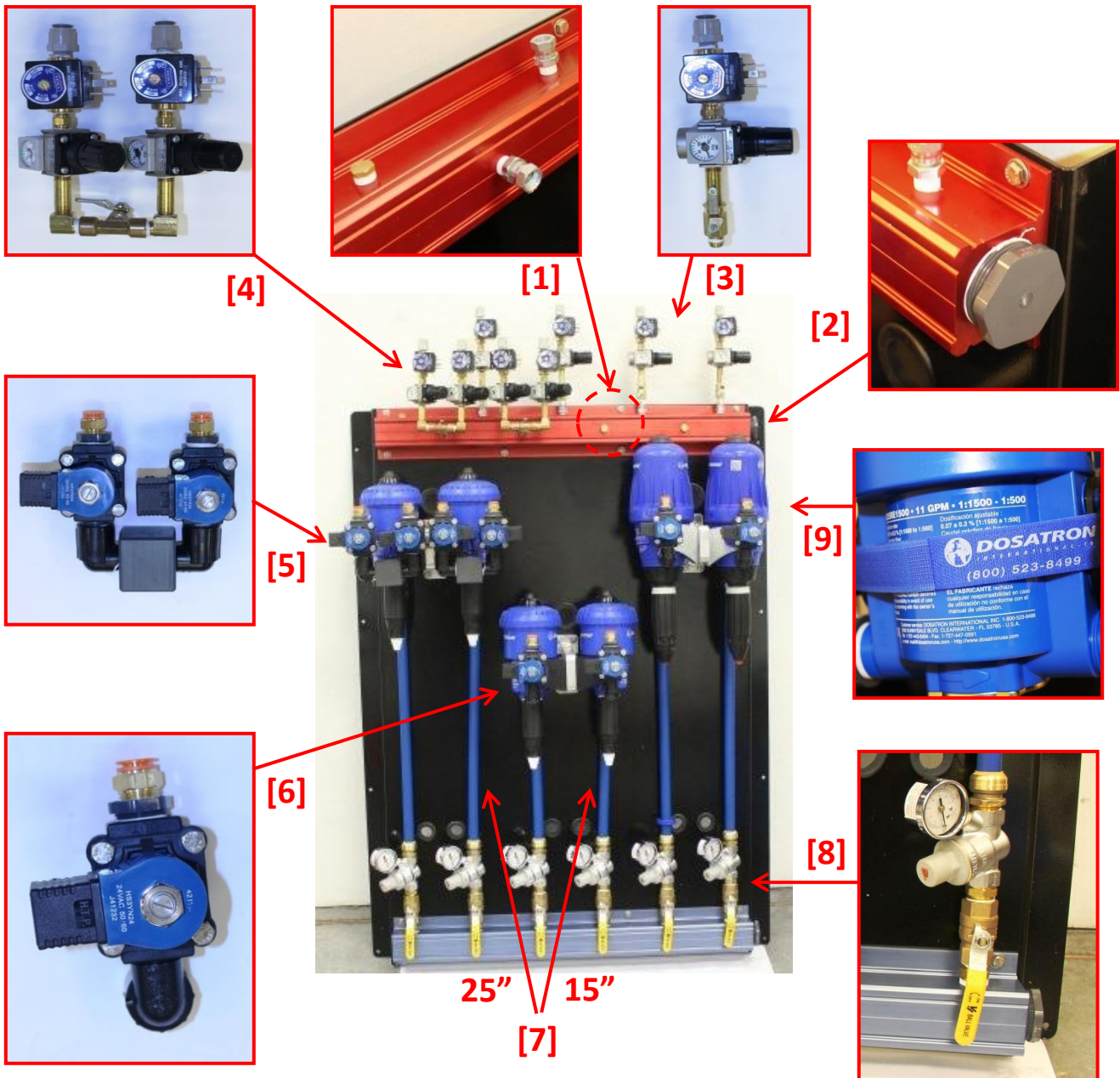
Air Solenoid Options	
Part #	Description
20012576	Air Solenoid 24VAC DIN Sub-Assy
20012577	Air Solenoid 24VAC CON Sub-Assy
20012578	Air Solenoid 110VAC DIN Sub-Assy
20012579	Air Solenoid 110VAC CON Sub-Assy
20012607	Dual Air Solenoid 24VAC DIN Sub-Assy
20012608	Dual Air Solenoid 24VAC CON Sub-Assy
20012609	Dual Air Solenoid 110VAC DIN Sub-Assy
20012610	Dual Air Solenoid 110VAC CON Sub-Assy

Pump Options	
Part #	Description
10008757	Dosatron, 14GPM D14MZ10-D 100:1-10:1
10008271	Dosatron, 14GPM D14MZ2-D 500:1-50:1
10008365	Dosatron, 11GPM D25RE1500-D 1500:1-500:1
Booster Pump "Optional"	
Part #	Description
10011229	Goulds, Hydrovar 53 GPM Pump, 3HP 3PH

Chemical Concierge Assembly Configuration Options

This is just as a reference of a full Chemical Concierge Assembly and different configuration options. Refer to page 3 for part specification options.

[1] ¼" Swivel fittings to mount air solenoids and ¼" plugs for air manifold for remaining holes. [2] Side 1½" plug for air manifold. [3] Air solenoid sub-assembly. [4] Dual air solenoid sub-assembly. [5] Dual chemical solenoid sub-assembly. [6] Chemical solenoid sub-assembly. [7] ¾" Water tubing. [8] Water ball valve and pressure regulator with gauge. [9] Dosatron pump.



Pump Mounting To Water Manifold Assembly

[1] Insert the clip to the tubing and press against the adapter to disconnect the elbow end from the tubing sub-assembly as shown. [2] Using teflon tape, screw and tighten the elbow to the pump at the input side (follow the pump arrow), making sure the tubing adapter is facing down parallel to the pump as shown. [3] Mount the pump with the elbow/adapter back to the tubing sub-assembly as shown. [4] Snap the pump into the plastic bracket to mount it to the weldment as shown. [5] Secure the pump with the velcro strap as shown. [6] Close the ball valves that will not be in use. [7] Adjust the pressure to a recommended 60PSI.



[1]



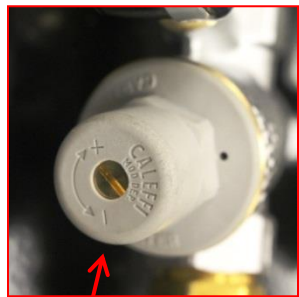
[2]



[3]



[4]



[7]



[6]



[5]

Air Manifold Assembly

[1] Use Teflon tape in all the swivel Adapter and plugs as shown. [2] The side plug and the main air line connector can be switch to either (Right/Left) side of the air manifold depending on your main air supply input configuration. [3] Using teflon tape, mount the single air solenoid sub-assembly to the air manifold top swivel adapters as shown. [4] Using teflon tape, mount the dual air solenoid sub-assembly to the air manifold front swivel adapters as shown.

