

AUTOJET® 1750+ SPRAY CONTROL SYSTEM

QUICK START GUIDE



Scan the QR code, or visit spray.com/autojetspraycontrol, to access manuals, videos and additional resources on the AutoJet 1750+ Spray Control System.

1. IDENTIFY YOUR VERSION AND CONFIGURATION

The **PUMP VERSION** features an integrated air operated diaphragm pump for continuously run spray applications.

- This design requires liquid to be drawn from a tote or tank
- Liquid from the system can be recirculated back to the supply tote or tank

The **PUMPLESS VERSION** is for applications where the system's liquid delivery is provided by a pressurized vessel or other pressurized supply from the customer.

- This version is designed to control the pressure down from a pressurized source
- The system controls the flow of liquid using an internal air piloted liquid pressure regulator located inside the valve panel

The **PRESSURE POT VERSION** regulates the air pressure to a pressurized vessel.

- This version controls the flow of liquid by using an air regulator to pressurize the pot
- Liquid flows from the pressure pot and does not flow through the system's valve panel

1750+ SPRAY CONTROL SYSTEM NOZZLE COMPATIBILITY

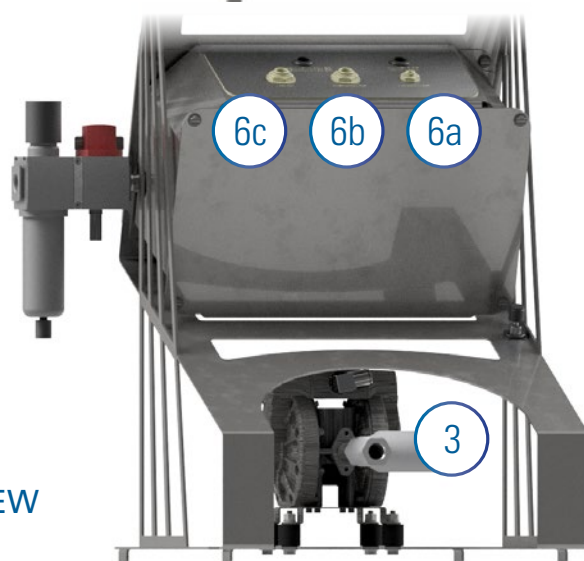
Liquid Only Control		
Electrically-Actuated Nozzles: Hydraulic	Air-Actuated Nozzles: Hydraulic	
<p>PulsaJet® 10000AUH-03</p>  <p>PulsaJet 10000AUH-104210</p>  <p>PulsaJet 10000AUH-10</p>  <p>AA250AUH</p> 	<p>1/4JAUH</p>  <p>1/8JJAUH</p>  <p>22AUH</p> 	
Liquid and Atomizing Air Control		Liquid, Atomizing and Fan Air Control
Electrically-Actuated Nozzles: Hydraulic	Air-Actuated Nozzles: Air-Atomizing	Air-Actuated Nozzles: Air-Atomizing
<p>PulsaJet 10000JJAU</p>  <p>PulsaJet 10000JAU-10</p>  <p>29JAU CO</p> 	<p>1/4JAU</p>  <p>1/8JJAU</p> 	<p>VAU</p>  <p>VMAU</p>  <p>VX</p> 

2.

PUMP AND PUMPLESS AIR AND LIQUID CONNECTIONS

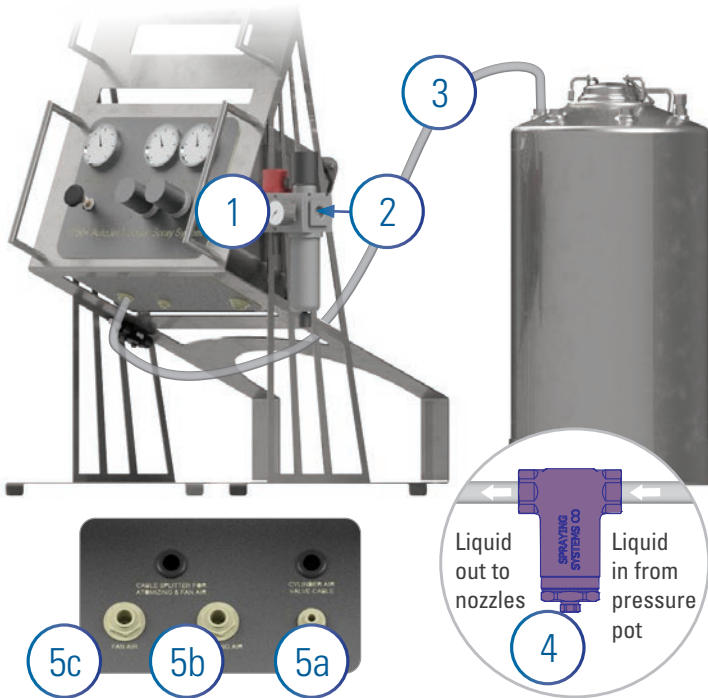


1. Connect the Air Filter assembly to the unit by threading it to "AIR IN" bulkhead fitting
2. Plumb and connect air supply 1/2" (F) NPT or BSPT to the air filter assembly. Customer to supply connection
3. Plumb liquid supply vessel or container to the liquid strainer
 - For pump versions the liquid must not be pressurized
 - For pumpless versions the liquid must be pressurized
4. Connect 1/2" (12 mm) O.D. tubing from the "LIQUID OUT" bulkhead fitting to the nozzle(s)
5. Optional step to recirculate liquid from the nozzles back to the source
 - a. Connect the included "Y" fitting with tubing between the "LIQUID OUT" and the "LIQ. IN FROM NOZZLE RECIRC." bulkhead fittings
 - b. Connect the "LIQ. RETURN TO SUPPLY" with tubing to the supply source
6. Connect air lines to spray nozzles if required
 - a. "CYLINDER AIR" if using air-actuated nozzles e.g. JJAU, JAU, JAUH, VAU, VMAU series
 - b. "ATOMIZING AIR" if using air atomizing nozzles e.g. JJAU, JAU, VAU, VMAU, VX series
 - c. "FAN AIR" if using variable spray nozzles e.g. VAU, VMAU, VX series



BACK VIEW

2. PRESSURE POT AIR AND LIQUID CONNECTIONS



1. Connect the Air Filter assembly to the unit by threading it to "AIR IN" bulkhead fitting
2. Plumb and connect air supply 1/2" (F) NPT or BSPT to the air filter assembly. Customer to supply connection
3. Connect tubing from "PILOT LIQUID REGULATOR/TANK AIR OUT" bulkhead fitting to air inlet fitting of pressure pot
4. Plumb liquid strainer between the pressure pot liquid out port and the spray nozzle(s)
5. Connect air lines to spray nozzles if required
 - a. "CYLINDER AIR" if using air-actuated nozzles e.g. JJAU, JAU, JAUH, VAU, VMAU series
 - b. "ATOMIZING AIR" if using air atomizing nozzles e.g. JJAU, JAU, VAU, VMAU, VX series
 - c. "FAN AIR" if using variable spray nozzles e.g. VAU, VMAU, VX series

3. ELECTRICAL CONNECTIONS - POWER AND EXTERNAL DEVICES



1. Plug into grounded (115-230 VAC, 1ph.) power source and turn on power. HMI display will illuminate. To set spray parameters and for HMI operation, please refer to section 6 of the owner's manual
2. If using electric actuated spray nozzle(s) connect cable to the "Main" connection
3. Connect cable to "Trig" connection that will be used to start spray sequence. Available triggers are:
 - Trigger cable (for use with customer-supplied trigger signal)
 - Sensor, including: photo, prox, laser or thru-beam (type should be selected based on customer's application)
 - Handheld trigger
4. For fail-safe operation, or when dual trigger signals will run the system, connect trigger interlock cable to "T. int." connection
5. If using remote setpoint for Precision Spray Control (PSC), connect input of a 4-20mA analog signal to "4-20mA" connection to adjust the duty cycle remotely



CONTROL PANEL
BOTTOM VIEW

4.

DOWNLOAD REMOTE DESKTOP APP ON YOUR MOBILE DEVICE AND CONNECT TO CONTROLLER WI-FI

- Download VNC viewer to mobile device. Available from the Apple Store or Google Play
- Go to WiFi settings on mobile device. Connect to 1750: SSID: SSC0xxxxxx_xxx using password: SSC01750
- Open VNC viewer, click +
- Enter IP address: 192.168.0.20:5900
- Name your system, hit create, then connect



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