



396-001861

LiquiShift Single Section KZ Valves

Assembly and Mounting

Valve Stack can mount directly to forward/backward frame. Use optional bracket kit 515-105100 to mount valve stack to lateral frame members.

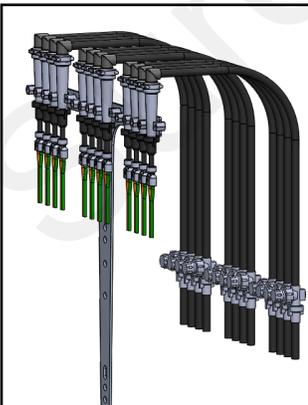
Feed into the section valve stack using 3/4", 1", or 1-1/2" hose from the pump. Each section valve output hose may be split using tees or crosses to feed the necessary number of banks per section.

Examples shown:
4 Rows per Section (left)
12 Rows per Section (below)

The smaller ID tubing must be connected to the "A" series valves.

Metering Tube Sizes	
Color	I.D.
Black	0.187
Yellow	0.170
Orange	0.150
Tan	0.125
Green	0.110
Blue	0.096
Purple	0.080
Gray	0.060

Dual metering tube comes pre-assembled in 3, 4, or 6 row assemblies. 1/2" hose barb ends go to the section valves, 3/8" tubing goes to flow indicators.

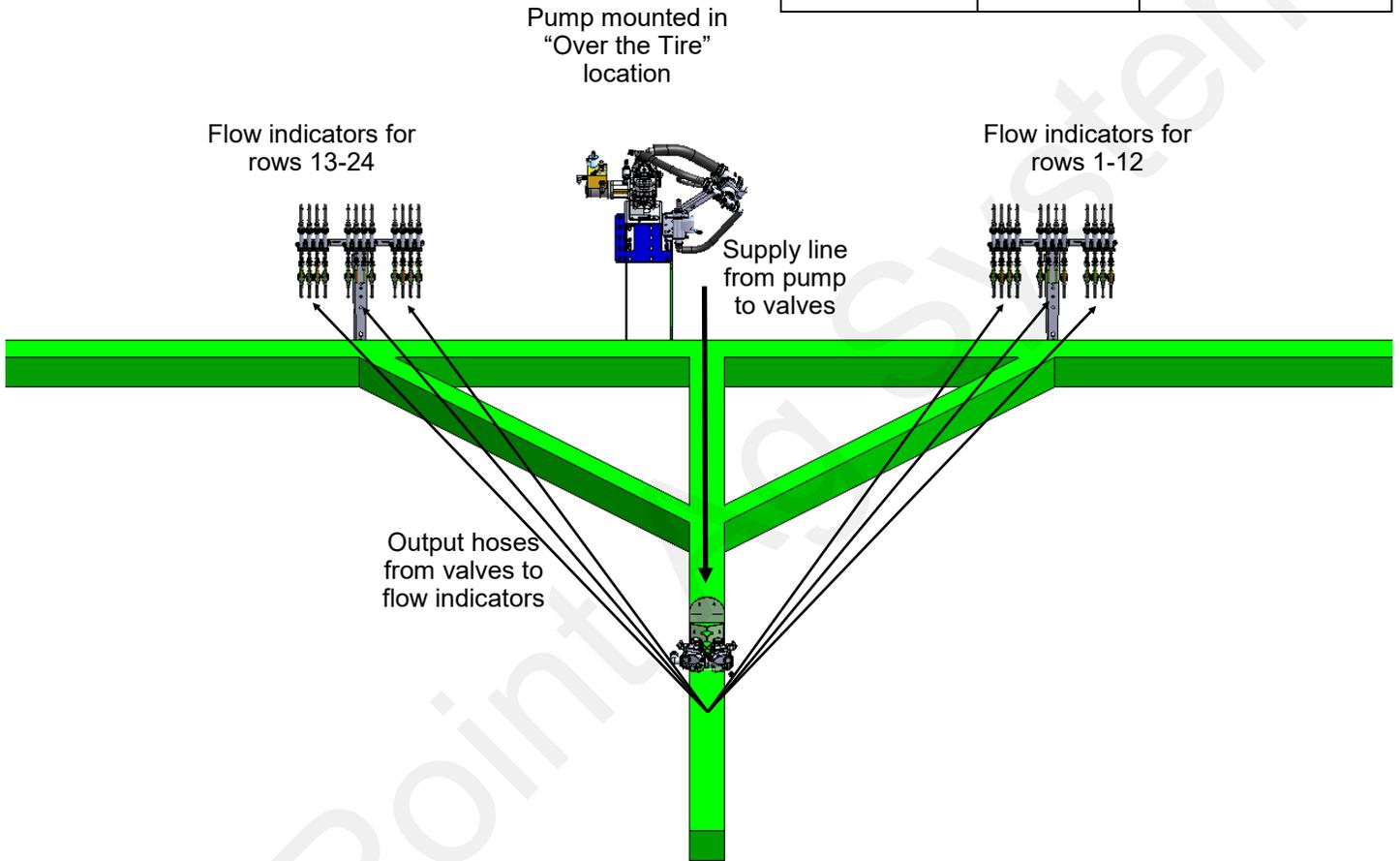


Mount flow indicators in banks (can be on one or multiple brackets). Dual metering tube Y's will attach to bottom of flow indicator. Top of flow indicator outputs through check valve to the row.

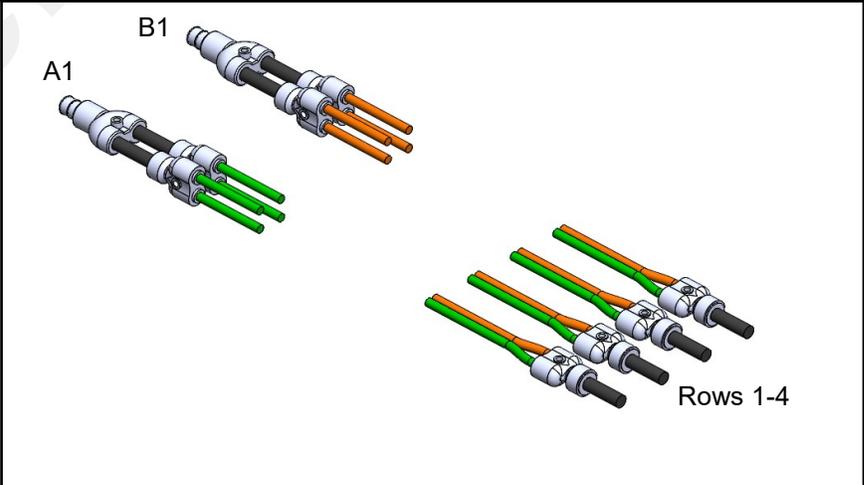


LiquiShift Single Section KZ Example Generic Setup

Flowmeter Kit	Range	Hose Barb Size
500-02-2050	.3-5 GPM	3/4"
500-02-2060	.6-13 GPM	1"
500-02-2070	1.3-26 GPM	1"
500-02-1080	2.6-53 GPM	1-1/2"



Valves A1 and B1 both feed the pre-assembled metering tube set which goes to the same set of flow indicators.



LiquiShift Single Section KZ Harness Schematic

201-2558Y1
16 Pin Single Section
(A and B Valves only)



201-2542Y2
GS2 Adapter Cable – 37 pin to twin
16 pins with LiquiShift Control
Adapter
OR
201-2552Y2
Trimble Adapter Cable – 37 pin to
twin 16 pins with LiquiShift Control
Adapter
OR
201-2598Y2
Ag Leader Adapter Cable – 37 pin to
twin 16 pins with LiquiShift Control
Adapter

Sections

Optional 16 Pin extension
216-16-215XXX



218-2565Y1
LiquiShift Controller



Pump

207-215223Y2 PWM Pump
Cable – Flowmeter, PWM, &
Pressure



PRESSURE 2



Pressure Range Selection Caps

Hydraulic Press
20-70 PSI



IN1	A
IN2	B
GND	C

Hydraulic Press
20-80 PSI



IN1	A
IN2	B
GND	C

Hydraulic Press
20-60 PSI



IN1	A
IN2	B
GND	C

Tower Press
15-40 PSI



IN1	A
IN2	B
GND	C