



5484 S. Old Carriage Road, Rocky Mount, NC 27803
 252-937-4107 • 800-394-1551 • Fax: 252-443-0320
www.aquaaid.com email: info@aquaaid.com

Pump Settings for LPH5 E-Plus Lo-Dose Electronic Injection Pump

**Maximum Capacity is 75 gallons per day (3.125 gallons per hour)
 Maximum Operating Pressure is 150 PSI**

Number of Acres to be Irrigated	(A) Number of Gallons of Product per Application	(B) Irrigation Time in Hours						
		6 Hours	7 Hours	8 Hours	9 Hours	10 Hours	11 Hours	12 Hours
Pump Setting (Percent Stroke)								
20	5	28	24	21	18	17	15	14
30	8	44	38	33	29	26	24	22
40	10	55	47	41	37	33	30	28
50	13	72	61	54	48	43	39	36
60	15	83	71	62	55	50	45	41
70	18	100	85	74	66	59	54	50
80	20	X	94	83	73	66	60	55
90	23	X	X	95	84	76	69	63
100	25	X	X	100	92	83	75	69
110	28	X	X	X	100	92	84	77
120	30	X	X	X	X	100	90	83
140	35	X	X	X	X	X	100	96
150	38	X	X	X	X	X	X	100

Notes:

All Pump Settings are calculated at 100 Percent Stroke Rate at 150 PSI Pressure.

- "X" exceeds pump capacity for indicated times
- Settings dispense 1 quart of Product per acre.
- Pump Setting Formula:

$$("A" / "B") \times 33 = \text{Pump Stroke Setting}$$
- The Stroke Rate Percentage Knob can be used for Pump Settings under 50 Percent.
 Stroke Rate Percentage Formula:

$$(1 / \text{Percentage Stroke Rate}) \times ["A" / ("B" \times 3.125)] \times 100 = \text{Pump Stroke Setting}$$

PLEASE NOTE: Pump must be running to change adjustments. DO NOT MOVE SETTING UNLESS PUMP IS RUNNING!!! DAMAGE TO PUMP WILL RESULT!!!

To Compute Injection Acreage:

- Add 10 acres to fairways for overspray
- Double area of greens and tees for overspray
- Add fairway acreage with green and tee acreage and apply to chart using next highest acreage



INJECTION PUMP INSTALLATION INSTRUCTIONS

MODEL: LPH5

Assembly Note:

- Be sure to use teflon tape to wrap all threads.
- Do not assemble any fitting. Just loosen and insert tubing, then tighten nuts gently. Too much pressure can strip the threads or crack the fittings.
- The pump must be running to change settings. Do not move settings unless the pump is running. Damage to the pump will result.

Timmer (Grounded):
Plug into 110V outlet. Do
not remove ground pins.
Read enclosed instructions
for operation.

If you have any questions and/or require further information,
please consult your operation manual and/or call 252-937-4107.

