



Hylío AG-272 Spec Sheet - Imperial

Flight Parameters	
Total Weight (without batteries)	117 lb
Max Recommended Takeoff Weight	400 lb
Minimum Recommended Takeoff Weight	177 lb
Max Thrust	600 lb
Max Operating Speed	25 mph
Propulsion System	
Motor KV	95 rpm/V
Foldable Propeller	41.5 in
Configuration	Octocopter
Operating Voltage	14s
Battery	2 x 14S 42A (51.8V) LiPo Batteries
	29.9 lb/battery
Aircraft Frame	
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	120x120x36 in (arms unfolded, no propellers)
	39x34x82 in (arms folded, no propellers)
Spray System	
Max Payload	150 lbs, 18 gallon
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	2 x Diaphragm Pump, 65 PSI
Flow Rate (no nozzle max)	0.4 – 4.0 Gal/min
Flow Rate (with nozzle tip TT11003)	3.0 Gal/min
Spray Width	30-40 feet
Flight Control	
Flight Modes	Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC)
Operating Frequencies	902 – 928 MHz, 2.4 GHz
Ground Station Control Software	Hylío Agrosol
Max Transmission Range	~1 mile (5+ unobstructed)