

During active emergency, medical and disaster response situations, Draganfly's drones can make the difference. Unmanned aerial vehicles (UAVs) help crews **reduce response times, improve situational awareness and increase overall efficiency.** Our **Medical Response Drone** is able to provide first responders with **visual oversight** of a scene and ensures the timely delivery of **temperature-sensitive medical supplies** including blood, vaccines and test samples to dangerous or hard-to-reach areas.



Airframe Specifications

Aircraft Dimensions (LxWxH)	36" x 37" x 12" (without propellers)
Assembled	64" x 63" x 12" (with propellers)
Maximum Payload Weight	10kg (22lbs)
Maximum Takeoff Weight	25kg (55lbs)
Maximum Operating Temperature	+38° C (100.4° F)
Minimum Operating Temperature	-25° C (-13° F)
Maximum Wind Resistance	35 km/h (21 mph)
Relative Humidity	0% to 90% non-condensing
Operating Ceiling	2438m (8000ft) ASL
Climb Rate	590.6 ft/min (3m/s)
Descent Rate	590.6 ft/min (3m/s)
Maximum Turn Rate	90 deg/s
Maximum Operating Airspeed (Manual) ..	38 knots (72 km/h)
Maximum Automated Mission Airspeed ...	38 knots (72 km/h)
Maneuvering Airspeed	29 knots (54 km/h)
Maximum Hover Endurance	55 minutes
Maximum Flight Endurance	50 minutes
Maximum Operating Range	Direct visual line of sight
Maximum Controller Signal Range	2 km (1.2 miles)
Maximum Altitude Angle	34 degrees
Maximum Turn Rate (Yaw)	90 degrees/sec

Payload Box Specifications

- Size of box (dimensions):** 10" x 10" x 10"
- Weight of box empty:** 3lbs
- Inside dimensions of the box:** 10" x 10" x 10"
- Volume of box:** .57 cubic feet volume

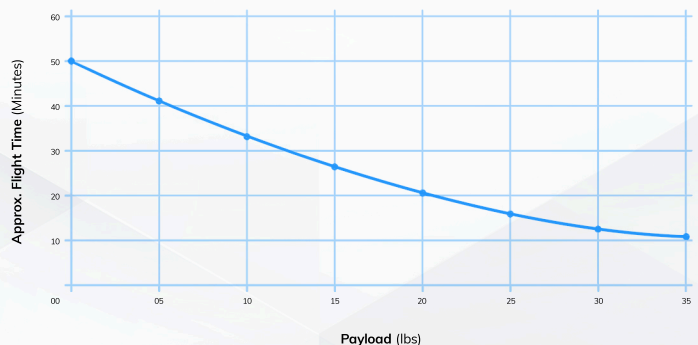
Delivery box is able to maintain payloads at a variety of narrow temperature ranges for up to **five days without electrical power.**

The patented payload deliver box utilizes nanotechnology to significantly limit the transfer of thermal energy hot or cold covering temperature needs between **-40C and 70C.**

Additional Payload Options Specifications

- Ranging (LiDAR):** Lightware LW20 landing assist
- Communications system:** 2.4ghz long range

Approximate Flight Time vs Payload for 2 x 16Ah Batteries



*Specifications may change in the course of continuous improvement.