

1.5 m indoor RC Blimp

Specification December 2024

| | Ready to fly | Kit |
|-------------------------------------|---|--------------|
| Size | 1.5 x 0.8 m | Yes |
| Volume | 0.7 m ³ | Yes |
| Lift capacity | Around 100 g | Yes |
| Envelope material | 50 microns Polyurethane | Yes |
| Envelope assembly technology | Ultrasonic Welding | Yes |
| Maximum helium loss | 1 to 3% daily on total volume | Yes |
| Stabilizers | 3 to 4 stabilizers | Yes |
| Stabilizers material | 5 mm foam with polyester foil | Yes |
| Valve | Built in at the back | Yes |
| Logo | Airbrush only | Upon request |
| Gondola | 3 D printed | Yes |
| Gondola attachment system | Velcro | Yes |
| Main motor | Brushless | / |
| Main ESC | 12 A (with or without reverse) | / |
| Servo | Medium servo with 180 degrees | / |
| Back ESC | 4 A reverse | / |
| Back motor | Brushed 6V | / |
| RC system | 4 channels | / |
| Battery | 2 cells LiPo 7.4 V | / |
| Digital charger | Included | / |
| Filling hose | 1 m with special adapter to the Blimp valve | Yes |
| Safety/park line | Included | Yes |
| Flight autonomy | Around 30 minutes 40% flight – 60% “floating” | / |

Note:

The above specification is for the Ready to fly ordered RC Blimps. In other words, it is a fully functional RC Blimp that just need helium container which is purchased locally. Kit configuration/Set has most of the above components except the electronics as shown in the above table. Production time for a 1.5 m RC Blimp - Ready to Fly or Kit configuration - is up to 10 days. The specification for the electronics components is subject to change depending on the available provider but do not affect the end quality of the blimp in any way. The envelope is tested 24 hours under high air pressure after production and the electronics are at least tested 1 hour in all working regimes.