

# XPD-8™

ELECTRIC DUCTED FAN FLYING WING

**TOP SECRET LOOKS –  
“TOP GUN” PERFORMANCE!**



**STRAIGHT AND LEVEL  
TOP SPEED**

**56mph**

**90kph**

**FLIGHT SPECS**

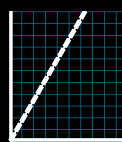
**AFTER-A-DIVE STRAIGHT AND LEVEL**

**TOP SPEED = 67 mph (108 kph)**

**CLIMB ANGLE = 60°**

**FLYING TIME AT**

**FULL POWER = 6 MINUTES**



**FINALLY — A DUCTED FAN PLANE WITH PERFORMANCE THAT LIVES UP TO ITS LOOKS! THE XPD-8 ARF IS BLINK-OF-AN-EYE FAST AND CAN FLY IN WINDS OF UP TO 20 MPH. THE SECRET IS IN THE HYPERFLOW DUCTED FAN UNIT — IT WAS DESIGNED FROM THE GROUND UP BY AN AEROSPACE ENGINEER USING COMPUTER MODELING TO IDENTIFY THE PARAMETERS FOR HIGH PERFORMANCE BEFORE MANUFACTURING EVEN BEGAN. THAT PERFORMANCE IS COMPLEMENTED PERFECTLY BY THE SMOOTHLY CONTOURED LINES OF THE JET’S DURABLE, REPAIRABLE EPS FOAM FUSELAGE, WHICH ARRIVES PREPAINTED AND CAN BE FLIGHT-READY IN JUST 1-2 HOURS. A HAND GRIP ON THE UNDERSIDE OFFERS EASY, ONE-PERSON LAUNCHING. ALL THIS — PLUS A HIGH-QUALITY HARDWARE PACKAGE — ARE YOURS AT A SURPRISINGLY AFFORDABLE PRICE!**



The winglets attach easily with foam-safe CA glue, and help add rock-solid stability to the XPD-8 ARF’s flight.



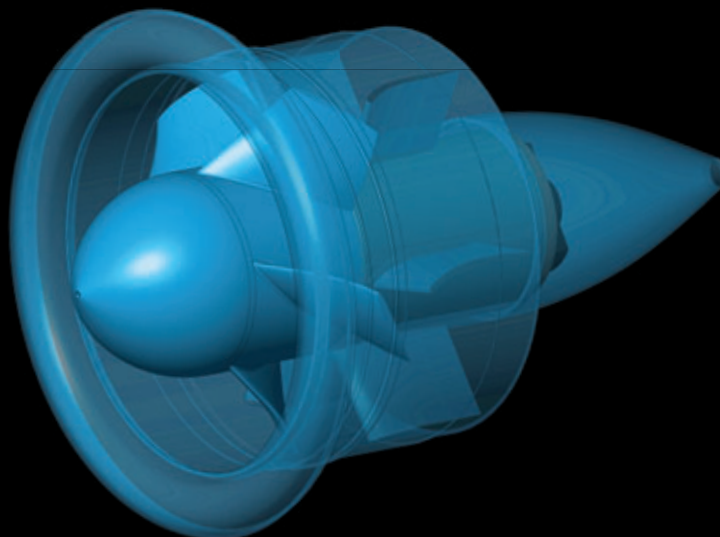
With a wingspan measuring just over two feet, the XPD-8 ARF is easy to transport to the flying field.



The hatch fastens on with magnets, and features cooling vents for the ESC and battery pack.

GPMA1865 • Wingspan: 28 in (710 mm) • Wing Area: 210 in<sup>2</sup> (13.5 dm<sup>2</sup>) • Weight: 11.6-13.9 oz (330-395 g) • Wing Loading: 8-9.6 oz/ft<sup>2</sup> (24.5-29.4 g/dm<sup>2</sup>) • Length: 15 in (380 mm) • Includes: HyperFlow ducted fan unit with 370 brushed motor • Requires: 3+ channel radio w/micro receiver and two micro servos, 20-25A ESC, elevon mixer or transmitter capable of elevon mixing, 910mAh 3S LiPo battery, LiPo compatible charger

**FOR MORE INFORMATION OR THE LOCATION OF THE DEALER NEAREST YOU, VISIT [WWW.ELECTRIFLY.COM](http://WWW.ELECTRIFLY.COM) OR CALL 1-800-682-8948 AND MENTION CODE NUMBER 99M34.**



**AFFORDABLE TECHNOLOGY**  
UNTIL NOW, MOST DUCTED FAN UNITS WERE DEVELOPED BY R/C MODELERS, RELYING ON EXISTING INFORMATION. THE HYPERFLOW SYSTEM WAS DEVELOPED BY AN AEROSPACE ENGINEER — STARTING FROM SCRATCH. BY UTILIZING STATE-OF-THE-ART COMPUTER MODELING AND FLOW ANALYSIS, THE NECESSARY PARAMETERS FOR HIGH PERFORMANCE WERE IDENTIFIED BEFORE MANUFACTURING EVEN BEGAN — ELIMINATING THE “TRIAL AND ERROR” PROCESS!

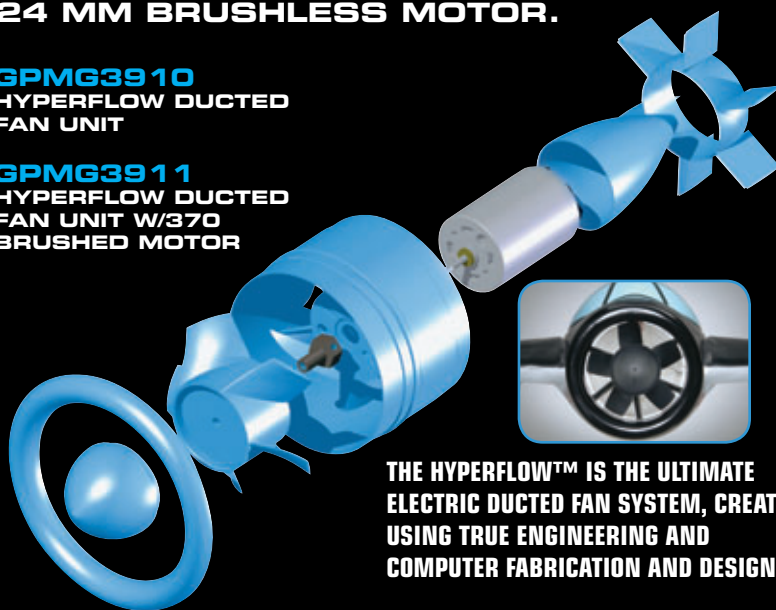
**THE SECRET TO THE XPD-8 ARF'S SUCCESS IS THE HIGH-TECH HYPERFLOW DUCTED FAN SYSTEM!**

- THE FAN SYSTEM PRODUCES 8.5 OZ. OF STATIC THRUST AT 29,000 RPM ON 11.1V AND 1250MAH.
- COUPLE THE HYPERFLOW WITH 4-CELL LIPO BATTERIES AND THE AMMO 20-40-3500 BRUSHLESS MOTOR (GPMG5140) TO PRODUCE AN OUTRAGEOUS 19.90 OZ. OF THRUST AT 43,000 RPM!
- THE HYPERFLOW UNIT IS GREAT AS A PERFORMANCE-BOOSTING RETRO-FIT FOR OTHER ELECTRIC AIRPLANES.
- AVAILABLE WITH OR WITHOUT 370 BRUSHED MOTOR, AND CAN BE ADAPTED TO USE A 20 MM OR 24 MM BRUSHLESS MOTOR.

<b>HyperFlow 56 mm EDF Performance</b>								= Calculated Values	
	Voltage (V)	Current (A)	Power (W)	Static Thrust (g)	Static Thrust (oz)	RPM	Efflux Speed m/s	Efflux Speed mi/h	
Motor: Brushed Speed 370BB									
3 LiPo Cells	11.1	10.3	114	240.0	8.5	29,000	32.40	72.48	
Burst Use Only 4	14.4	16.0	230	408.0	14.4	37,500	39.98	89.44	
Motor: Brushless 20-40-3500									
2 LiPo Cells	7.4	8.7	64	215.0	7.6	27,000	30.88	69.08	
3 LiPo Cells	11.1	15.7	174	389.0	13.7	35,800	38.81	86.82	
Burst Use Only 4	14.8	22.3	330	564.0	19.9	43,000	48.44	108.36	
Motor: Brushless 20-40-4040									
2 LiPo Cells	7.4	12.0	89	245.0	8.7	28,500	32.75	73.45	
Motor: Brushless 24-33-4875									
2 LiPo Cells	7.4	17.2	127	303.0	10.7	32,300	40.91	91.50	
Burst Use Only 3	11.1	32.0	355	548.0	19.3	42,100	73.98	165.49	
Motor: Brushless 24-45-3790									
2 LiPo Cells	7.4	9.7	72	207.0	7.3	27,120	27.95	62.51	
3 LiPo Cells	11.1	19.9	221	450.0	15.9	38,600	60.75	135.89	
4 LiPo Cells	14.8	32.6	482	721.0	25.4	48,000	97.33	217.73	

**GPMG39 10**  
HYPERFLOW DUCTED FAN UNIT

**GPMG39 11**  
HYPERFLOW DUCTED FAN UNIT W/370 BRUSHED MOTOR



THE HYPERFLOW™ IS THE ULTIMATE ELECTRIC DUCTED FAN SYSTEM, CREATED USING TRUE ENGINEERING AND COMPUTER FABRICATION AND DESIGN.

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