

**With more than 65
years' experience**

in Off-road machinery and Engine Cooling,
facing the toughest working requirements
and environmental conditions, the latest
Design from Multi-Wing is truly electric!

Besides improved energy efficiency and
airflow performances, we keep Multi-Wing's
well-known Modular Design Concept (MDC),
allowing full Plug & Play customization for
any application requirement.



DC FAN SOLUTIONS

**THE PERFECT FIT
FOR ON & OFF-HIGHWAY
APPLICATIONS**



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MULTI*WING

SPECIFICATIONS & ENDURANCE

ELECTRIC PERFORMANCES

Operating Supply Voltage range from 16 to 32 VDC
PWM speed maps, tuning possible on demand
Electric compatibility (EMI, EMS, ESD, Short Circuit...)
Comply with Transient disturbance and Electric State Conditions
Multiple tests for Over Voltage, Polarity, Short Circuit, Power-UP

MECHANICAL PERFORMANCES

Water & Dust Proof (IP68 & IP6k9k)
Lifetime up to 40,000 hours*
Mounting options M6 & M8, Plug&Play
Mounting as Pusher or Puller by using plug & play adapters
Reverse Run Function for Radiator cleaning
Complete Windtunnel tested performances (AMCA accredited)

MECHANICAL PERFORMANCES

Labseal™ Patent Pending
ISO13857 Fanguards
CE, ECE-R10 (E-marking) and ErP2024 compliant

DCMAX312 IS PROVIDING DISTINCT ADVANTAGES COMPARED TO CURRENT AVAILABLE FAN OPTIONS WITHIN THE SAME PERFORMANCE FRAME SUCH AS:

- **Up to 10%** higher airflow volumes within the same power range
- **Up to 17%** higher pressure capability within the same power range
- **Up to 5 amps** savings delivering the same airflow performance
- **Up to 14%** higher efficiencies depending on duty point

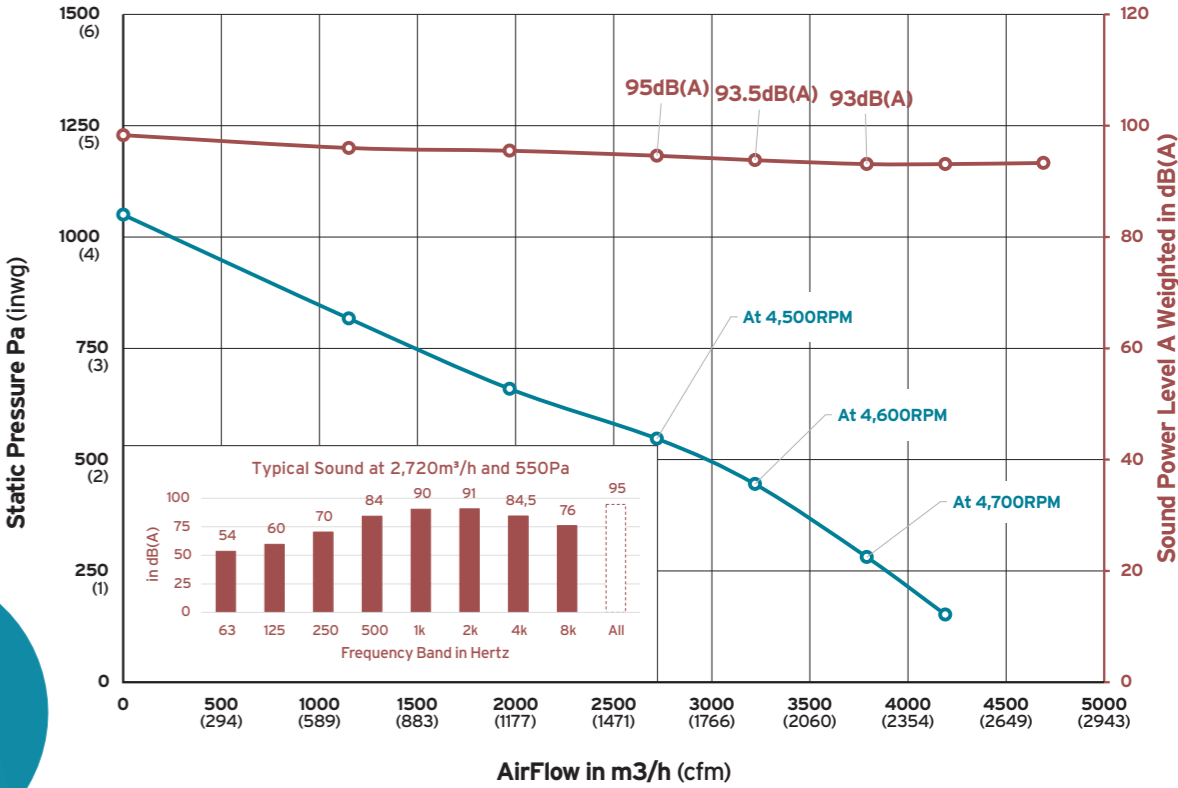
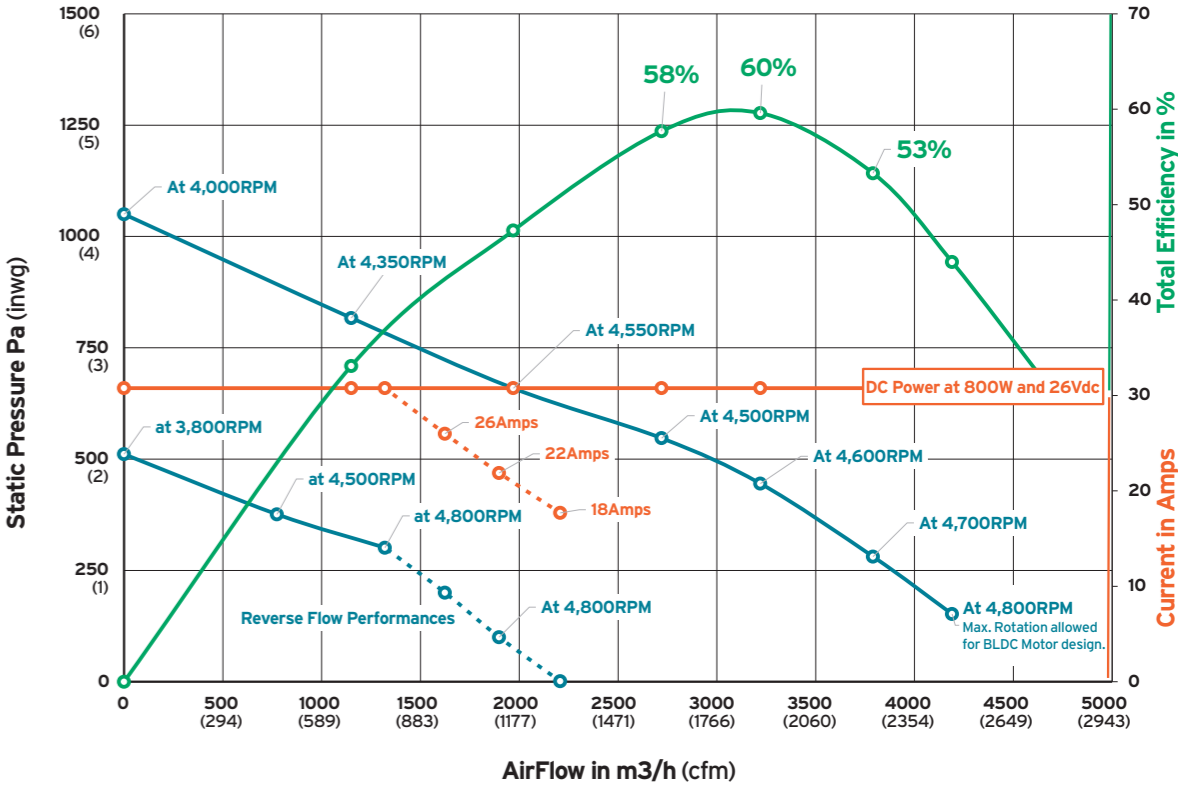
DCmax312 design is characterized by a **High degree of flexibility** for speed map control, Fan guards, cable length, connector types, Pusher and Puller setup

Max Fan speed maintained up to 85 °C before Speed derating

800W - 26 VDC Nominal - 4,800 RPM

Patented Aerodynamic Design

AIRFLOW & SOUND PERFORMANCE CURVES



*Multi-Wing can run estimations for product lifetime based on constant vibration levels and thermal impact.

