

AIRFAN MICRO BLOWERS PORTFOLIO 2026







All specifications are typical values achieved with AIRFAN motor controller
 AN motor controller technical specification

Blower reference	O ₂ before the turbine (blended O ₂)	Motor cooling (lifetime)	ΔP max (hPa) 24V (zero flow)	Q max (Lpm) 24V (free air)	Rise time (ms) 24V (5 to 60hPa)	Noise emission (dBa) (@1m)	Lifetime L10 (hours) (std conditions)	Data sheet	
With Sound proofing housing The BlueBox 	<u>MFA0500</u>			110	380	< 68 @10A	< 40 @50hPa	> 40 000 h	
	<u>MFA0296</u>			70	320	< 86 @10A	< 41 @50hPa	> 40 000 h	
	<u>MFA0300</u>	---		90	320	< 68 @10A	< 40 @50hPa	> 40 000 h	
	<u>MFA0290</u>	---		76	270	< 84 @10A	< 41 @30hPa	> 40 000 h	
	<u>MFA0295</u>		---	77	290	< 84 @10A	< 41 @30hPa	> 25 000 h	
Portable housing 	<u>MFA0249</u> <i>New</i>			> 110	> 340	< 86 @10A	< 52 @30hPa	> 40 000 h	
	<u>MFA0248</u> <i>New</i>			70	320	< 86 @10A	< 52 @30hPa	> 40 000 h	
Without Housing   	<u>MFA0208</u>			70	340	< 86 @10A	< 61 @30hPa	> 40 000 h	
	<u>MFA0206</u>		---	79	300	< 84 @10A	< 61 @30hPa	> 25 000 h	
	<u>MFA0205</u>	---		78	280	< 84 @10A	< 61 @30hPa	> 40 000 h	
	<u>MFA0801</u>		---	+95/-85	700	< 82 @10A	< 65 @30hPa	> 25 000 h	
	<u>MFA0800</u>	---		+95/-85	660	< 82 @10A	< 65 @30hPa	> 40 000 h	
	<u>MFA0810</u> <i>New</i>		---	130	700	---	---	> 40 000 h	

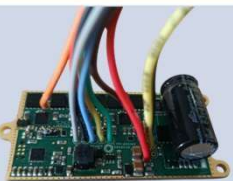
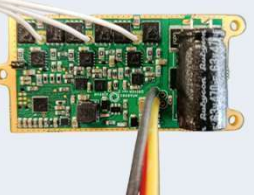
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All specifications are typical values achieved with an AIRFAN motor controller and nominal Motor Ke. Refer to the technical specifications

HOME CARE – CPAP / BiPAP

MFA0020 / MFA0021 Brushless without Hall-effect sensors	O ₂ before the turbine (blended O ₂)	Motor Cooling	ΔP max (hPa) 24V (zero flow)	Q max (Lpm) @ max speed (free air)	Q max (hPa) @ max speed (zero flow)	Noise emission (dBa)	LifeTime L10 (hours)	Data Sheet
 <u>MFA0020</u> New	---		80 hPa	350 (28v)	106 (28v)	< 61 dBa @ 30 hPa	> 35 000	
 <u>MFA0021</u> New		---	80 hPa	360 (28v)	108 (28v)	< 61 dBa @ 30 hPa	> 25 000	
Customisation	Optional wiring harness			With or without inlet tube				

AIRFAN DRIVER PORTFOLIO 2026

Driver Reference	Compatible Turbine	Supply Voltage	Temperature Range	Motor Speed
 <u>MFA0906</u> (sensored)	Control for all turbines (except MFA00020 / MFA0021)	14 – 42 V	20 – 60 °C	< 80 kRPM
 <u>MFA0901</u> (sensorless)	Control for MFA0020 / MFA0021	14 – 36 V	20 – 60 °C	< 80 kRPM