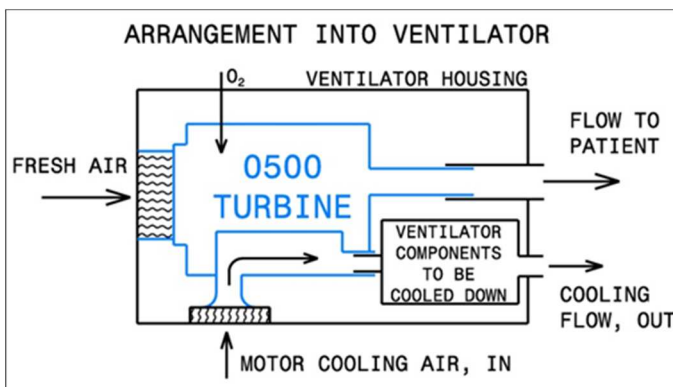


MFA 0500



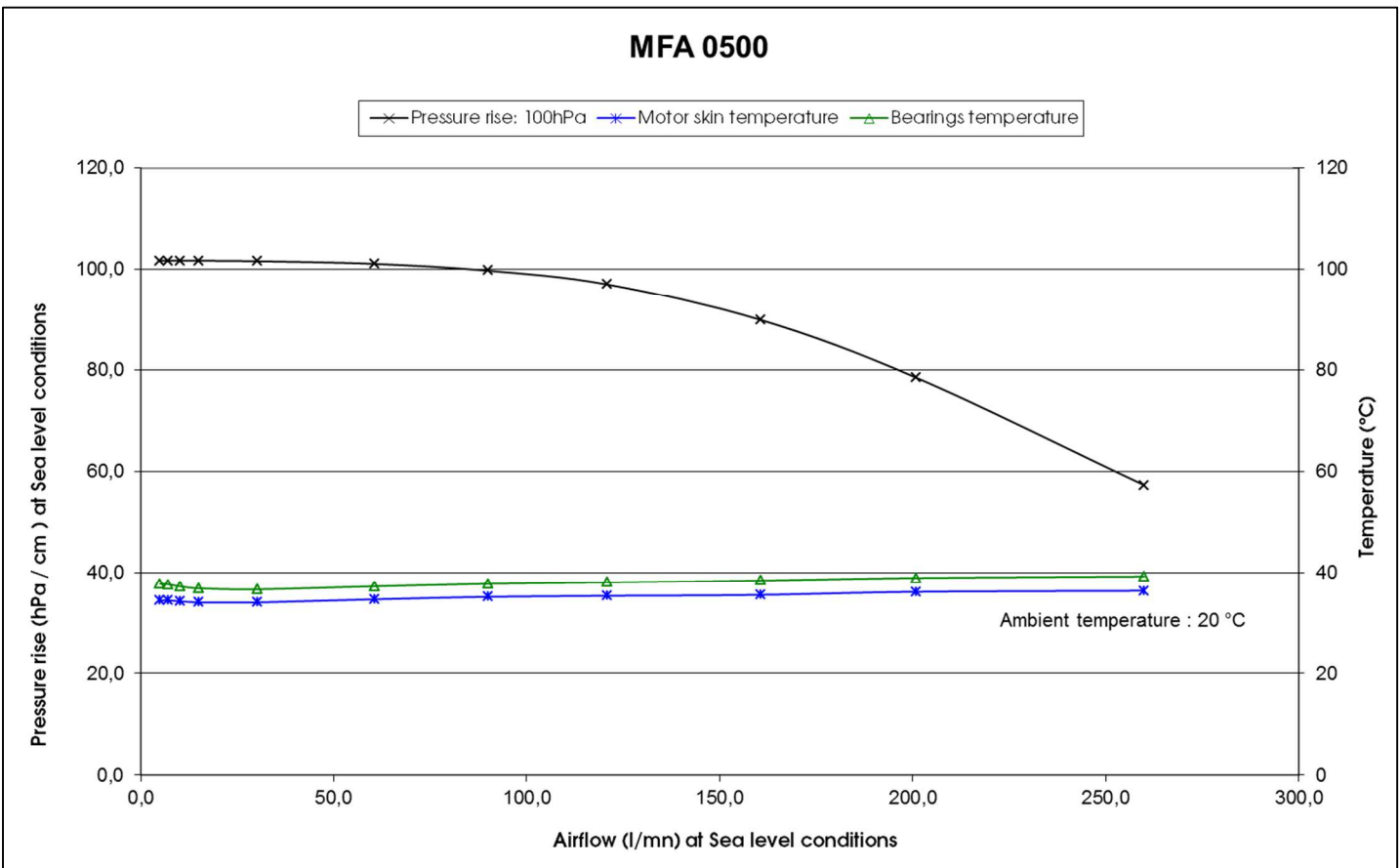
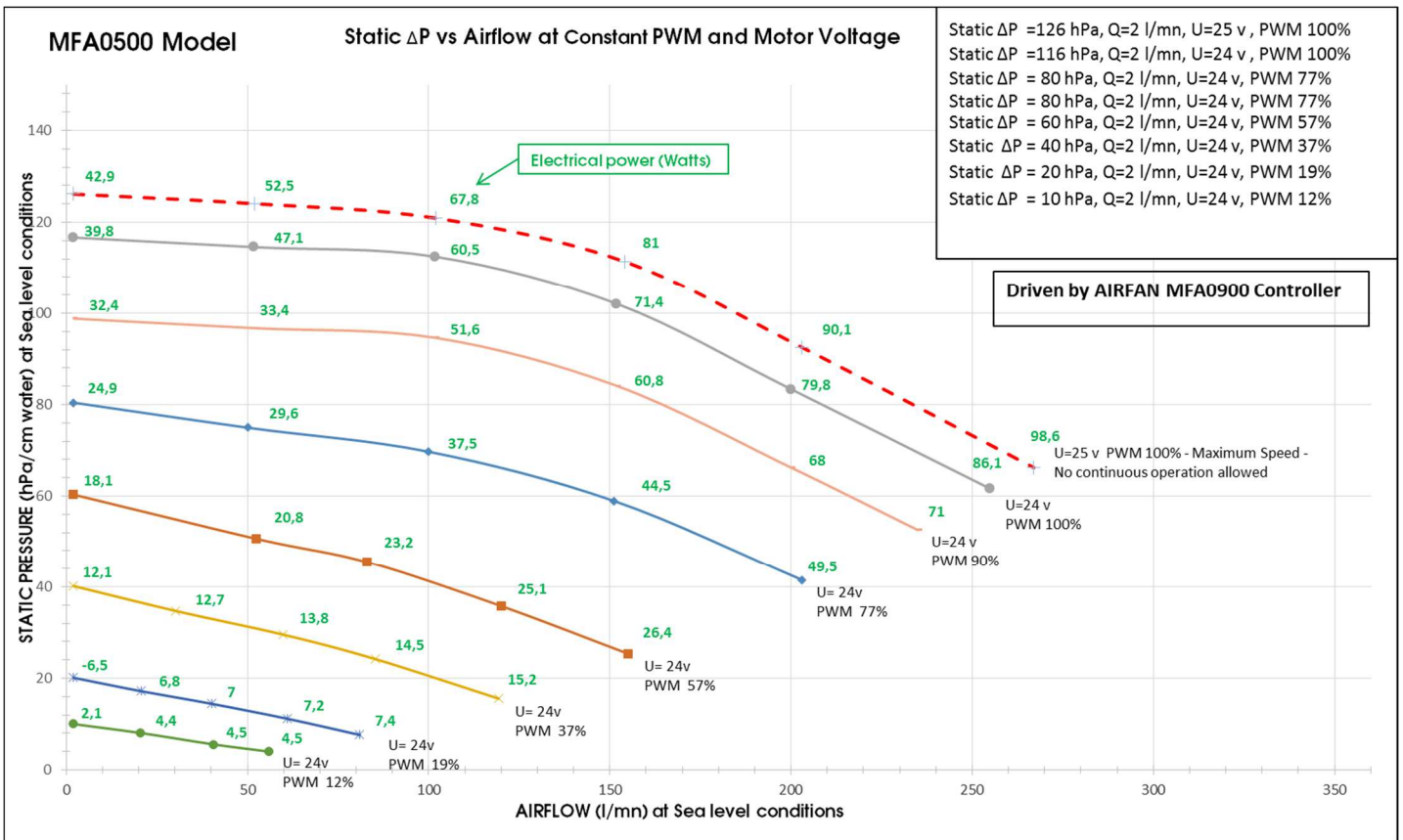
Blended O₂-Air 100% safe

A specific AIRFAN blower's architecture with its patented motor cooling system separating patient flow from the motor cooling flow path allows a fully safe 100% O₂ use. An oxygen inlet upstream of the turbine guarantees a homogeneous blend Air-Oxygen with a total safety for the patient in case of temperature increase susceptible to initiate fire.



Voltage supply	24 VDC, can be customized
Motor type	Brushless with Hall-effect sensors
⌚ Dynamic behaviour (3 A Max)	< 113 ms from 5 hPa to 60 hPa < 60 ms from 5 hPa to 30 hPa
⌚ Dynamic behaviour (6 A Max)	< 85 ms from 5 hPa to 60 hPa < 41 ms from 5 hPa to 30 hPa
⌚ Dynamic behaviour (10 A Max)	< 68 ms from 5 hPa to 60 hPa < 33 ms from 5 hPa to 30 hPa
Dimensions of casing (mm)	141 x 110 x 62 mm (5.5 x 4.3 x 2.4 Inch)
Weight	0.61 kg (~1.34 Lbs)
Position in operation	Any position
Temperature in operation	-20°C to 50°C ambient
Humidity in operation	0 to 95% RH non condensing
Atmospheric pressure in operation	700 to 1100 hPa
Life Time (L10)	> 40 000 hours at standard conditions
(*) Behaviour measured with AIRFAN Controller MFA0900	

Static ΔP at Zero Flow	Vibration Level	Noise Level W/O Blower Housing at 1m
100 hPa	< 0.18 g	< 50 dBA
50 hPa	< 0.10 g	< 44 dBA
10 hPa	< 0.02 g	< 32 dBA



AIRFAN is **ISO9001** and **ISO13485** certified and is perfectly suited to meet the quality and cost optimization requirements coming from manufacturers of medical equipment. Tens of thousands of our turbines operate 24 hours/day, 365 days/year at the heart of demanding health care respirators.



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