

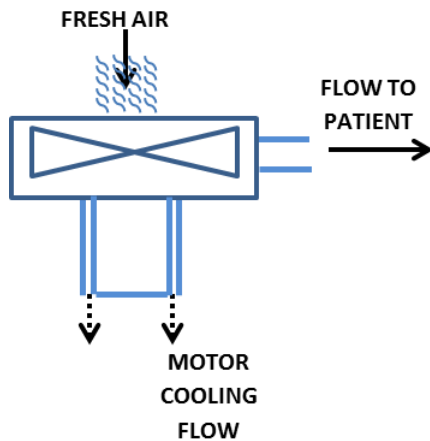
# MFA 0205



## Naked Blower designed for specific integration

An AIRFAN turbine's naked architecture with its patented motor cooling system.

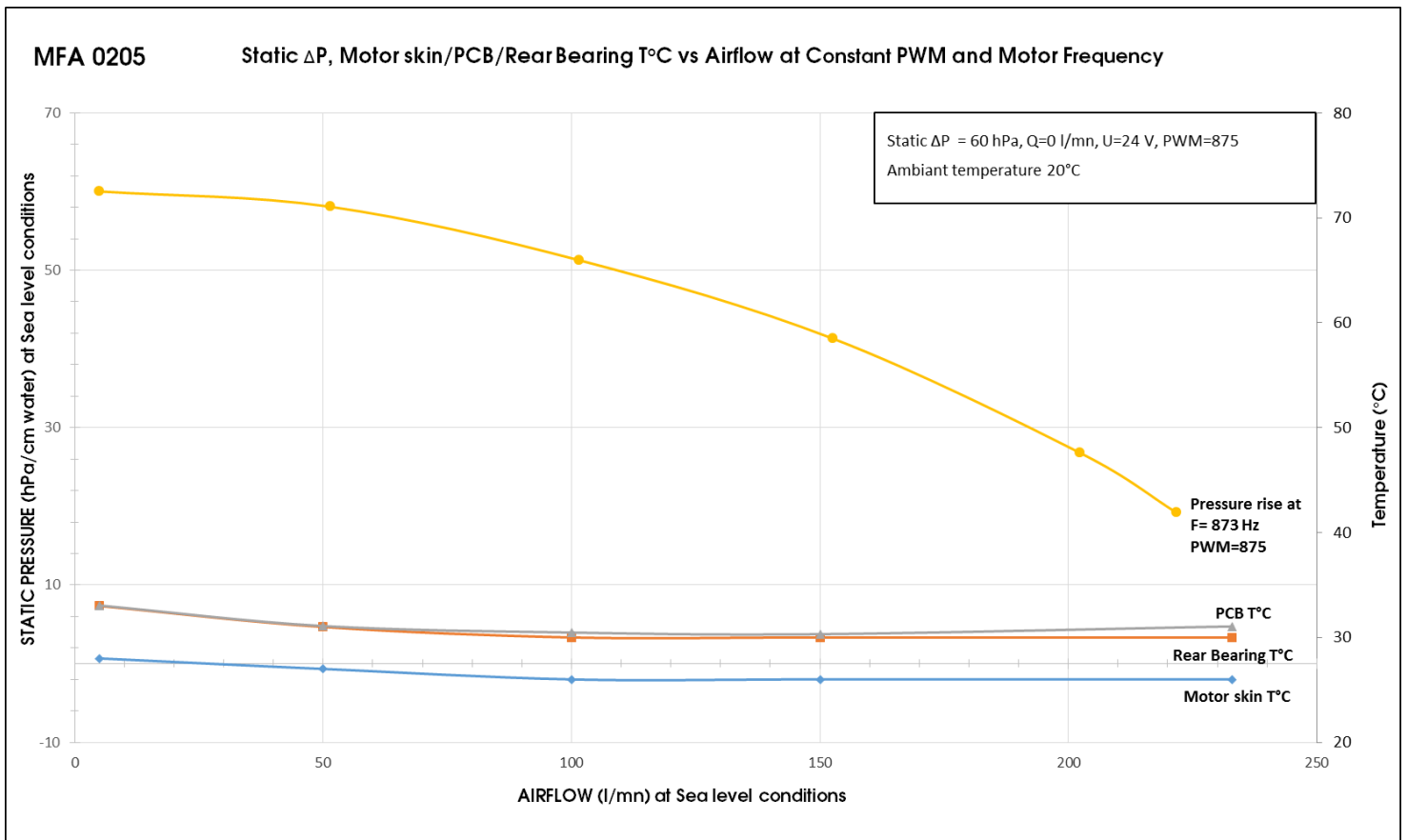
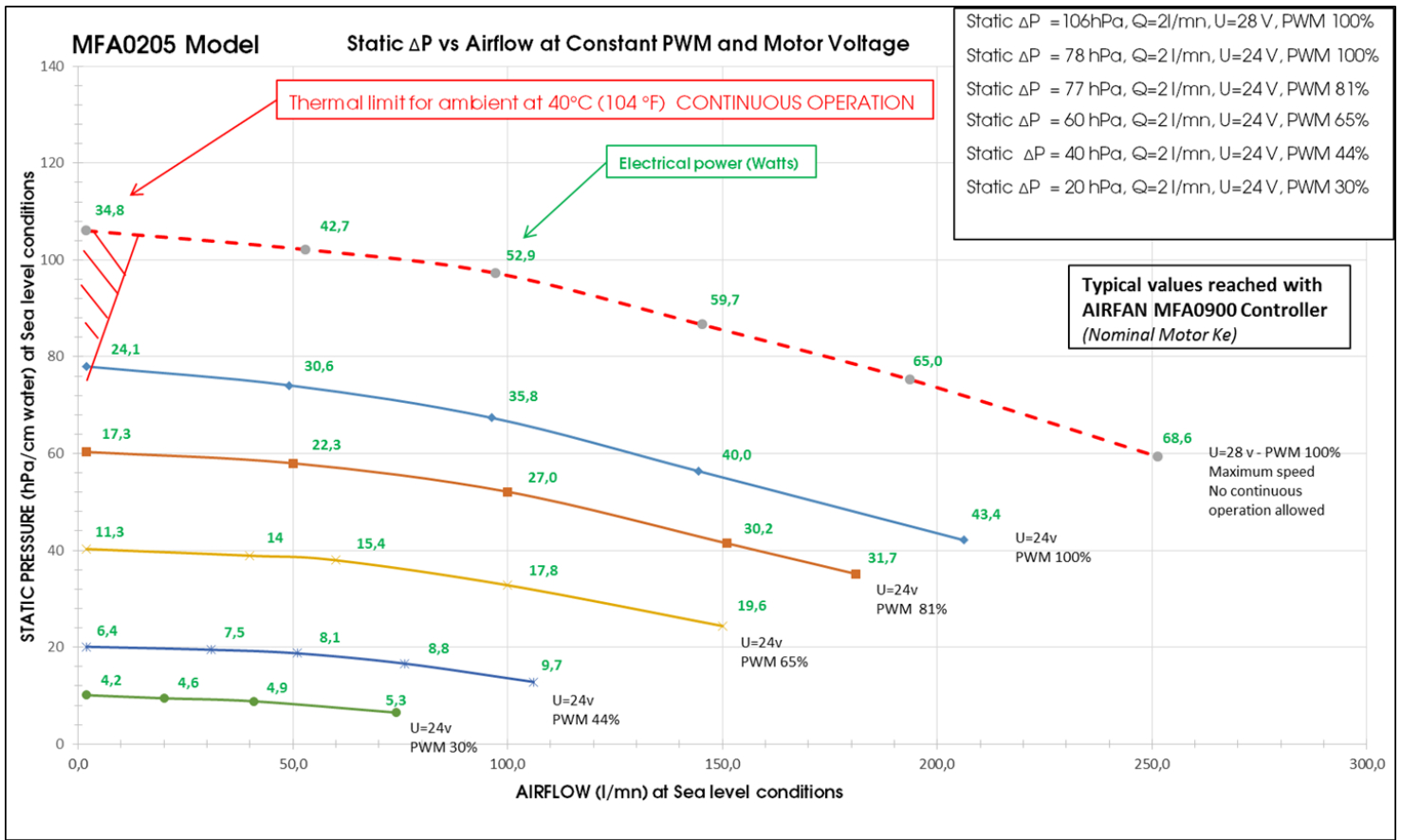
The MFA0205 is designed for implementation on ventilators dedicated to Home Care and Bi-Level.



Voltage supply	24 VDC, can be customized
Motor type	Brushless with Hall-effect sensors
(*) Dynamic behaviour (3 A Max)	< 95 ms from 5 hPa to 60 hPa < 41 ms from 5 hPa to 30 hPa
(*) Dynamic behaviour (6 A Max)	< 88 ms from 5 hPa to 60 hPa < 35 ms from 5 hPa to 30 hPa
(*) Dynamic behaviour (10 A Max)	< 84 ms from 5 hPa to 60 hPa < 31 ms from 5 hPa to 30 hPa
Dimensions (mm)	Ø55 x 55 mm (Ø2,2 x 2.2 Inch)
Weight	0.1 kg (~0,22 Lb)
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 Airfan standard conditions Depending on the integration conditions

(\* ) Behaviour measured with AIRFAN Controller MFA0900

Static ΔP at Zero Flow	Vibration Level	Noise Level W/O Blower Inlet at 1m
60 hPa	< 0.20 g	< 66 dBA
30 hPa	< 0.10 g	< 61 dBA
10 hPa	< 0.02 g	< 50 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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