

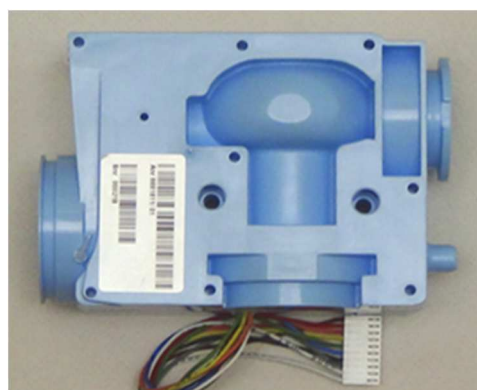
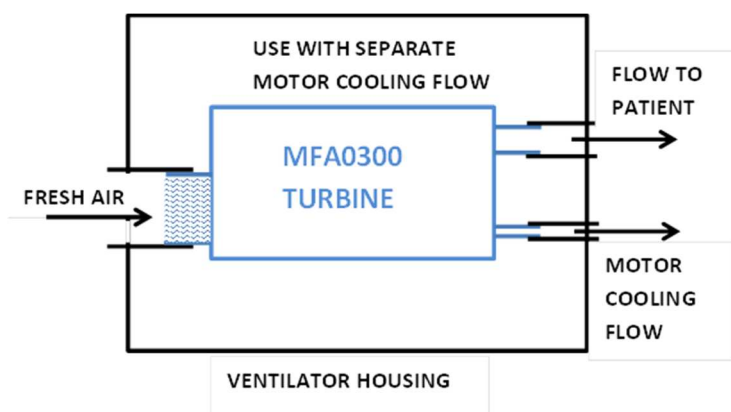
# MFA 0300



## High performance

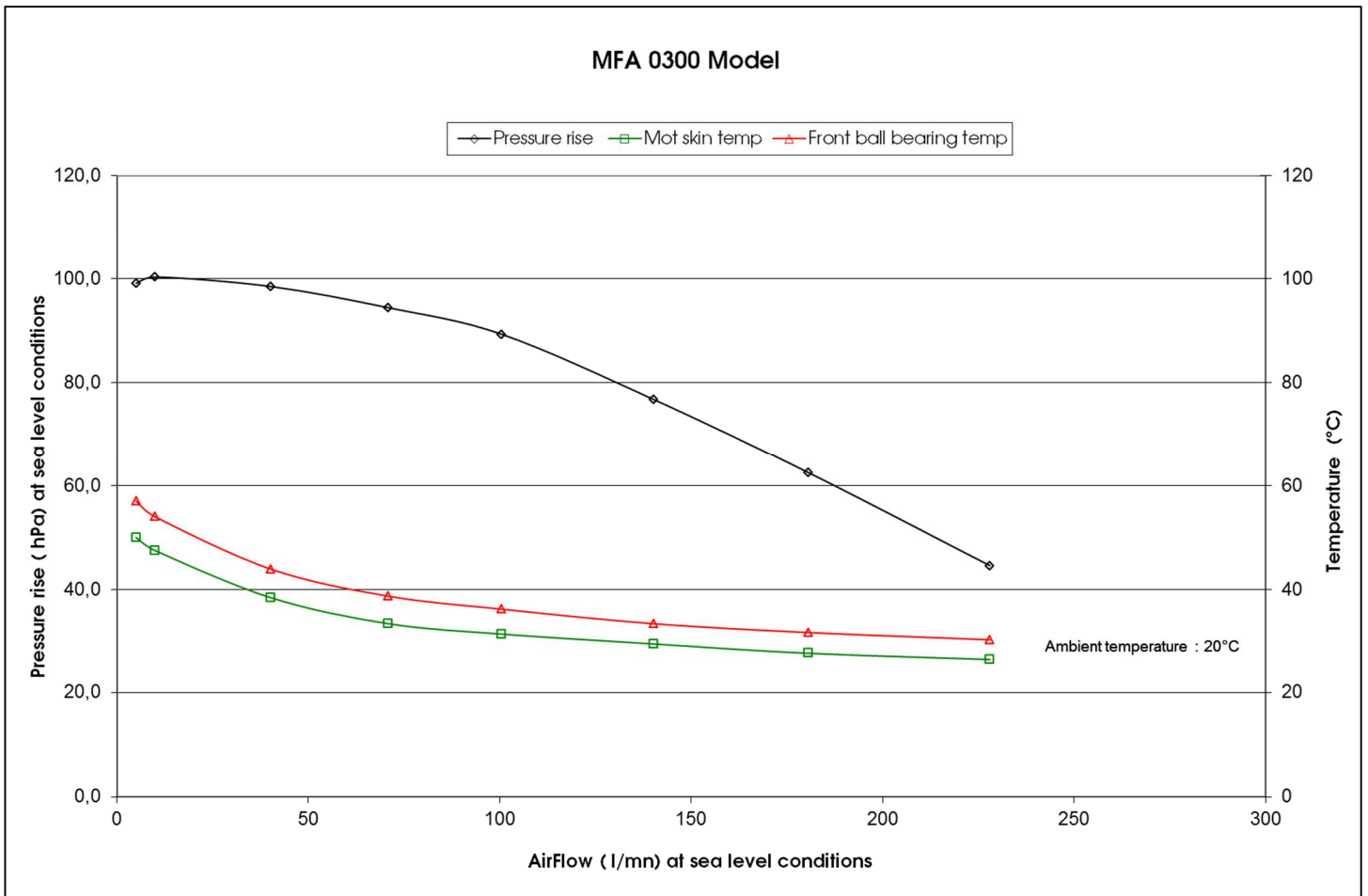
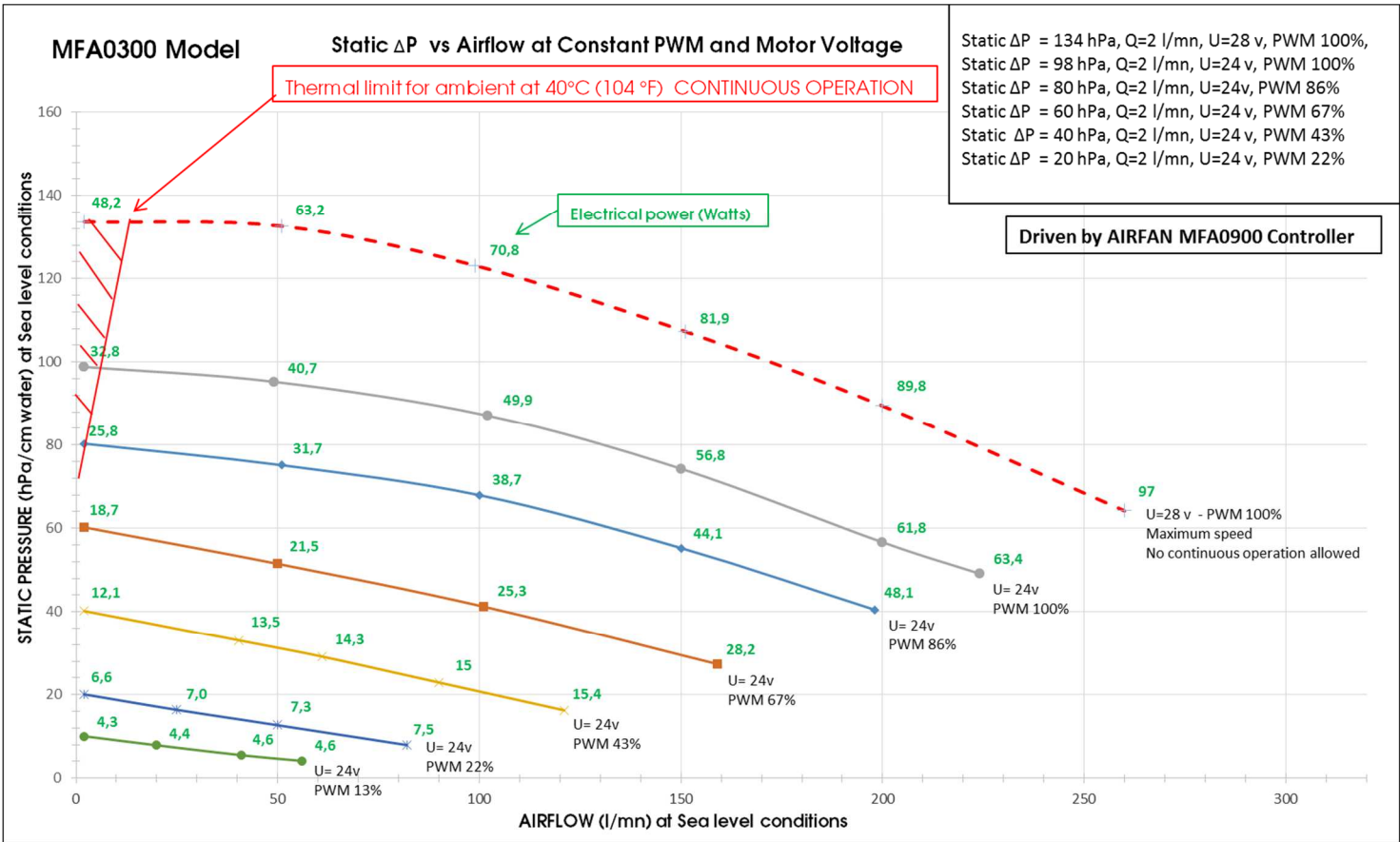
A standard AIRFAN blower's architecture with its patented motor cooling system and its unique soundproofing housing.

The MFA0300 is perfectly suited for implementation in ventilators dedicated to Acute, Sub-Acute and Home Care.



Voltage supply	24 VDC, can be customized
Motor type	Brushless with Hall-effect sensors
(*) Dynamic behaviour (3 A Max)	< 101 ms from 5 hPa to 60 hPa < 53 ms from 5 hPa to 30 hPa
(*) Dynamic behaviour (6 A Max)	< 78 ms from 5 hPa to 60 hPa < 37 ms from 5 hPa to 30 hPa
(*) Dynamic behaviour (10 A Max)	< 68 ms from 5 hPa to 60 hPa < 29 ms from 5 hPa to 30 hPa
Dimensions of casing (mm)	132 x 100 x 61 mm (5.2 x 3.9 x 2.4 Inch)
Weight	0.44 kg (~1.0 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 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	< 46 dBA
50 hPa	< 0.10 g	< 40 dBA
10 hPa	< 0.02 g	< 29 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.



**AIRFAN**

ZI En Jacca  
9 Chemin de la Salvetat  
31770 COLOMIERS  
France

Tel : + 33 (0)5 34 50 45 50

[www.airfan.fr](http://www.airfan.fr)

**Contact:**

**Serge Jardel**

**[serge.jardel@airfan.fr](mailto:serge.jardel@airfan.fr)**