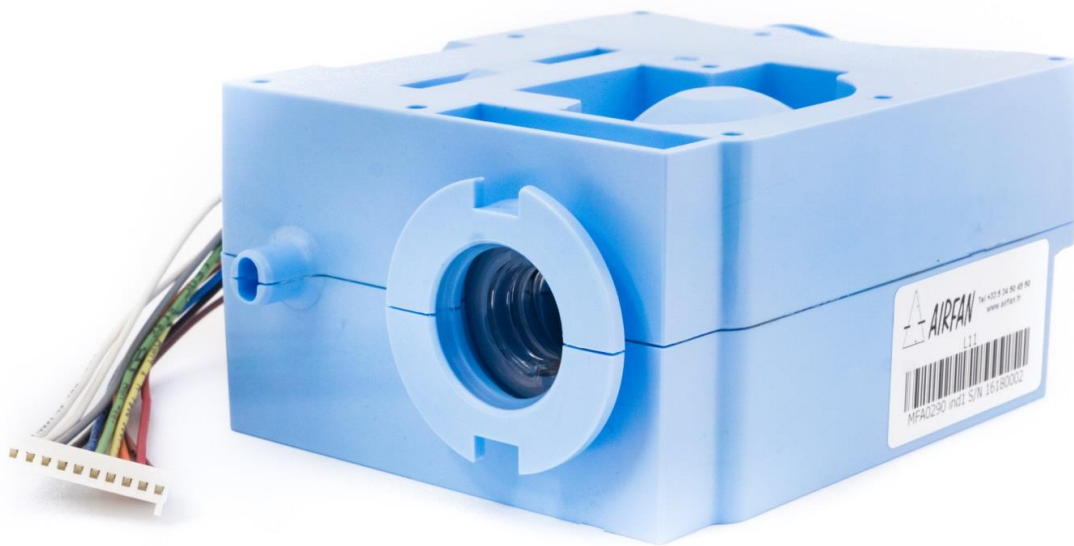


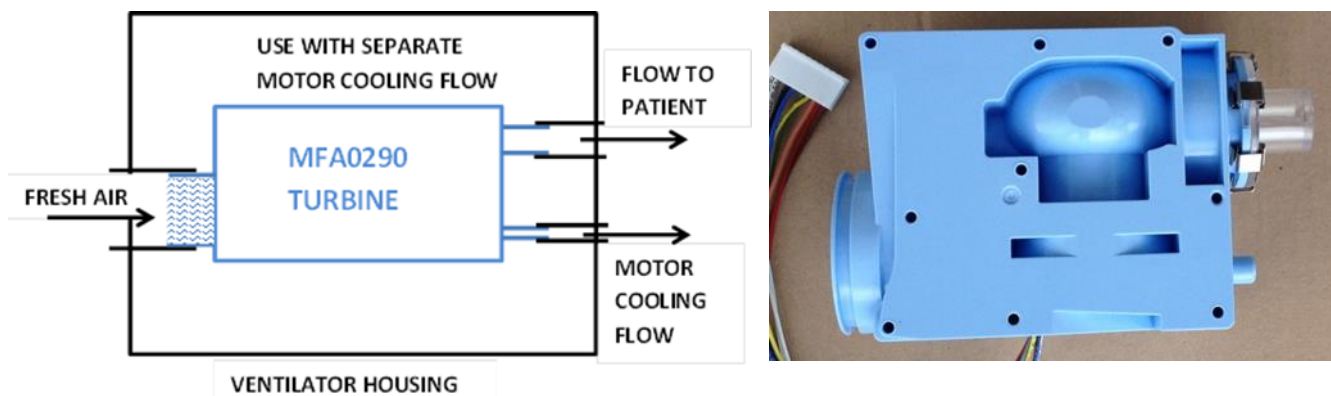
# MFA 0290



## The perfect compromise

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

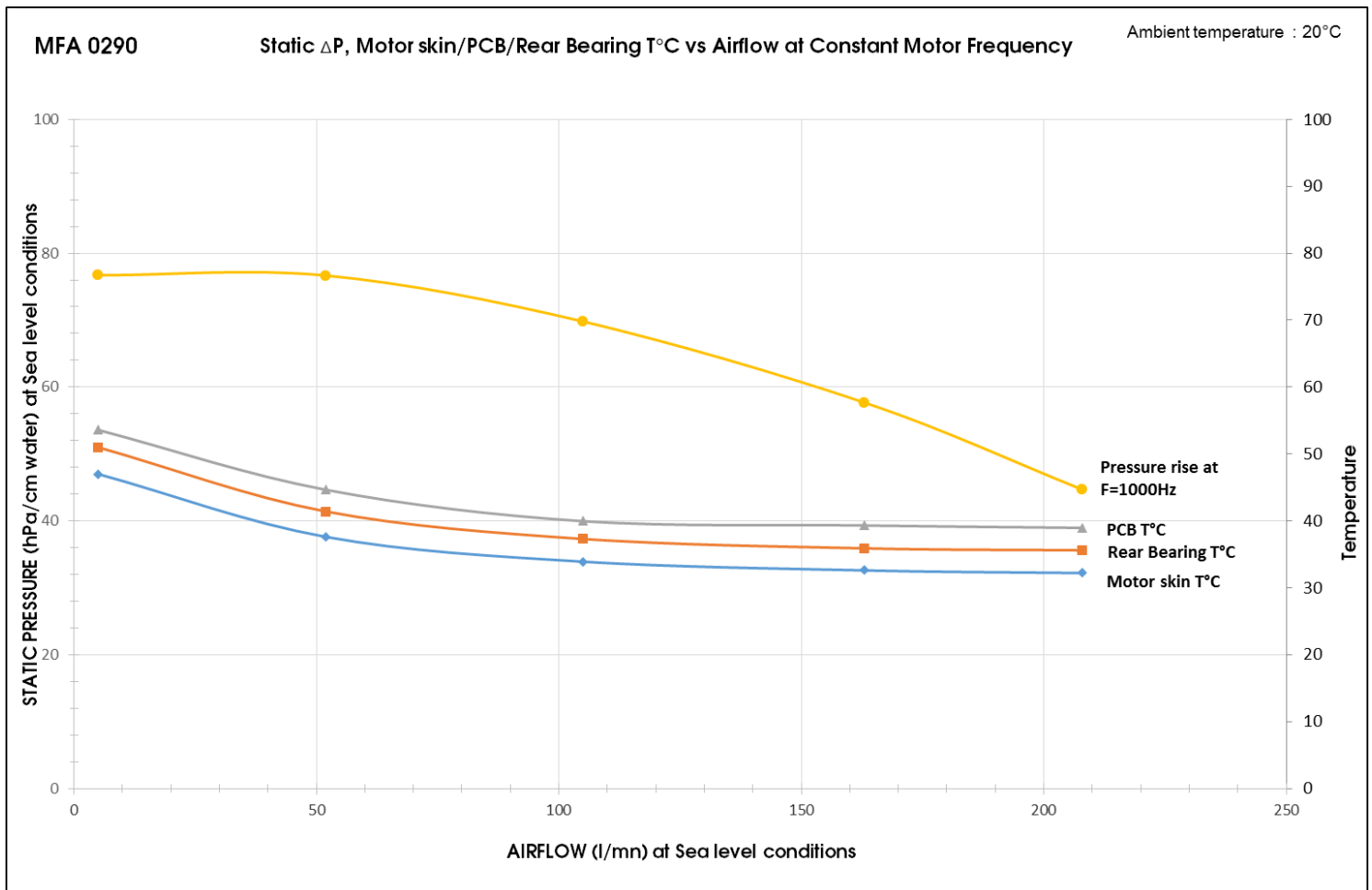
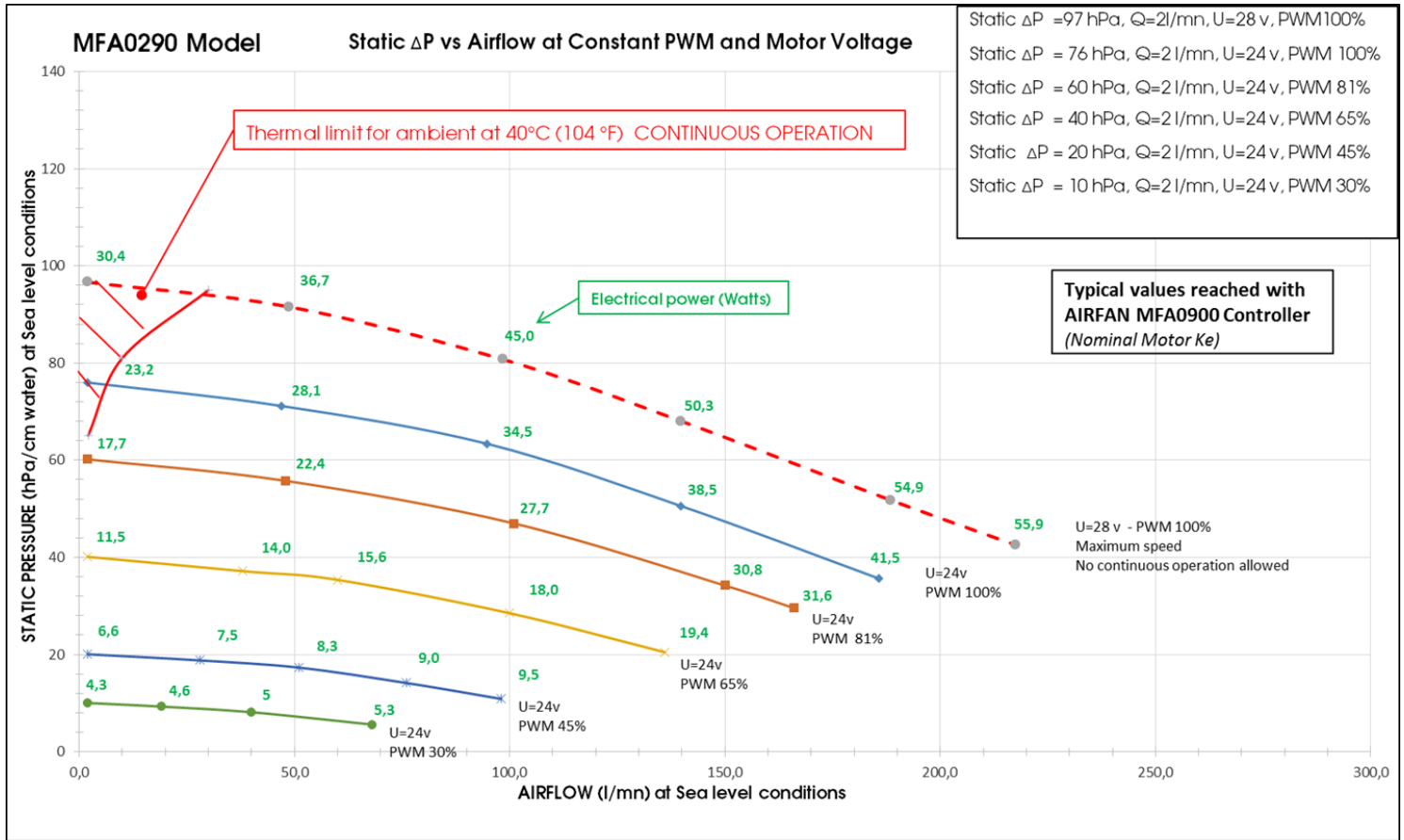
The MFA290 is derived from the MFA0300 at an optimized price for implementation in ventilators dedicated to Acute, Sub-Acute and Home Care.



Voltage supply	24 VDC, can be customized
Motor type	Brushless with Hall-effect sensors
<sup>(*)</sup> Dynamic behaviour (3 A Max)	< 95 ms from 5 hPa to 60 hPa < 41 ms from 5 hPa to 30 hPa
<sup>(*)</sup> Dynamic behaviour (6 A Max)	< 88 ms from 5 hPa to 60 hPa < 35 ms from 5 hPa to 30 hPa
<sup>(*)</sup> Dynamic behaviour (10 A Max)	< 84 ms from 5 hPa to 60 hPa < 31 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	0.45 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 $\Delta P$ at Zero Flow	Vibration Level	Noise Level W/O Blower Housing at 1m
100 hPa	< 0.20 g	< 48 dBA
50 hPa	< 0.10 g	< 41 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.



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