AirFan
the breath of performance

# MFA0114

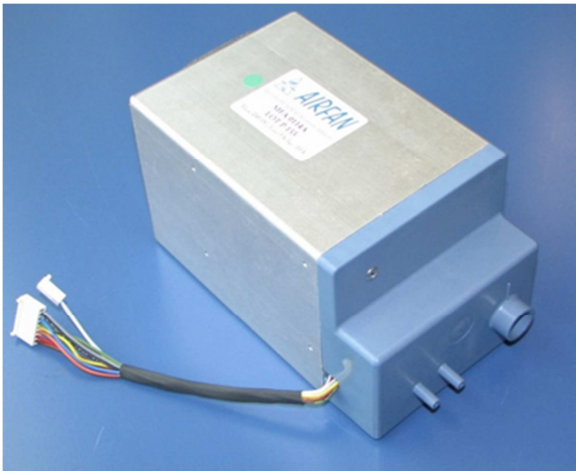




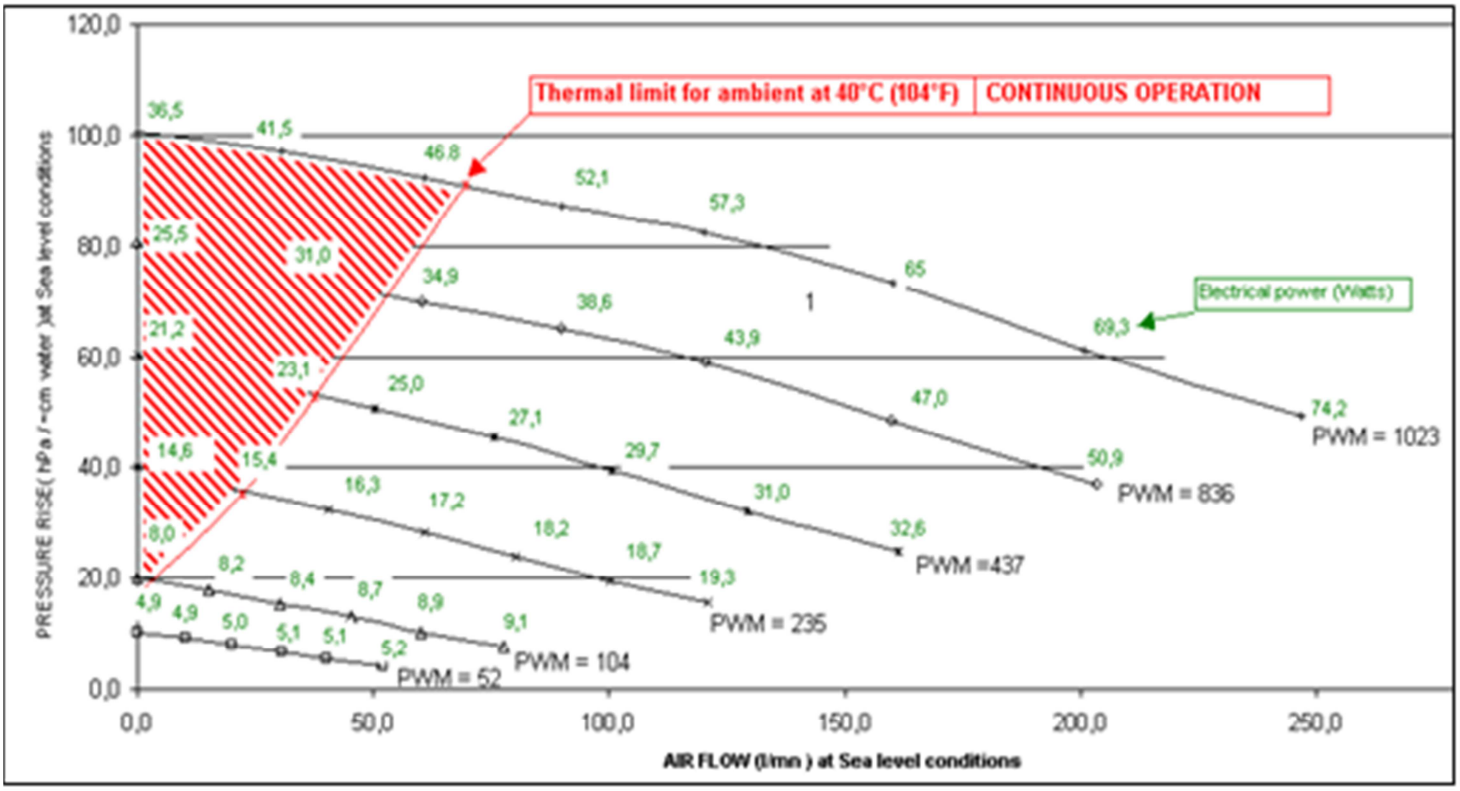
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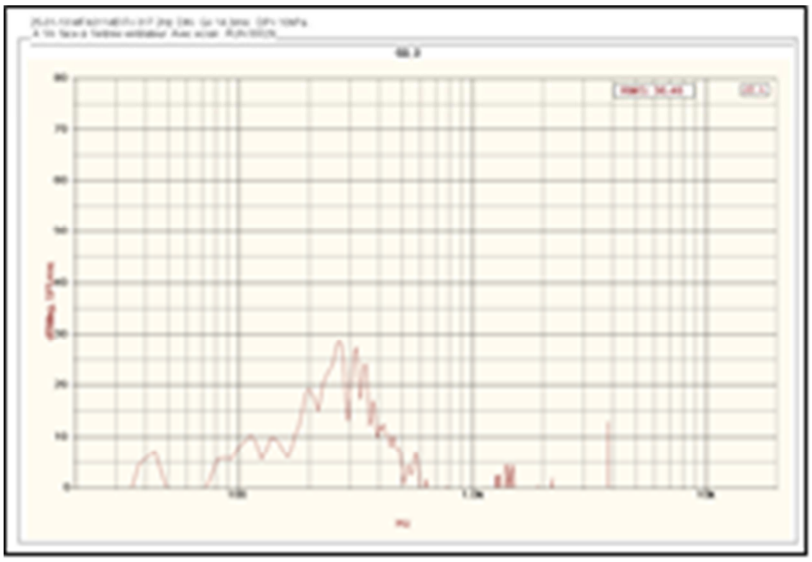
## The original AIRFAN blower's architecture

Designed in 2003 with all the basis of a breaking technology – Dynamic behavior, soundproofing and reliability - for implementation in ventilators dedicated to Home Care ventilation.




| | |
|---|---|
| Voltage supply | 24 VDC, |
| Nominal pressure @ 50 l/mn, 24 VDC | 72hPa |
| Maximum flow @ zero pressure, 24VDC | 300L/mn |
| Dynamic behaviour (10 A Max) | < 100 ms from 5 hPa to 30 hPa |
| Motor type | Brushless with Hall-effect sensors |
| Dimensions of casing (mm) | 165 x 100 x 95 mm |
| Weight | 1,2 kg (~1.0 Lb) |
| Position in operation | Any position |
| Temperature in operation | -20°C to 45°C ambient |
| Humidity in operation | 0 to 95% RH non condensing |
| Atmospheric pressure in operation | 700 to 1100 hPa |
| Life Time (L10) | > 20 000 hours at standard conditions |



| Static ΔP at Zero Flow | Vibration Level | Noise Level W/O Blower Housing at 1m |
|---|---|---|
| 100 hPa | < 0.27 g | < 58 dBA |
| 50 hPa | < 0.18 g | < 53 dBA |
| 10 hPa | < 0.02 g | < 36 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

**Contact:**
**Serge Jardel**
**serge.jardel@airfan.fr**