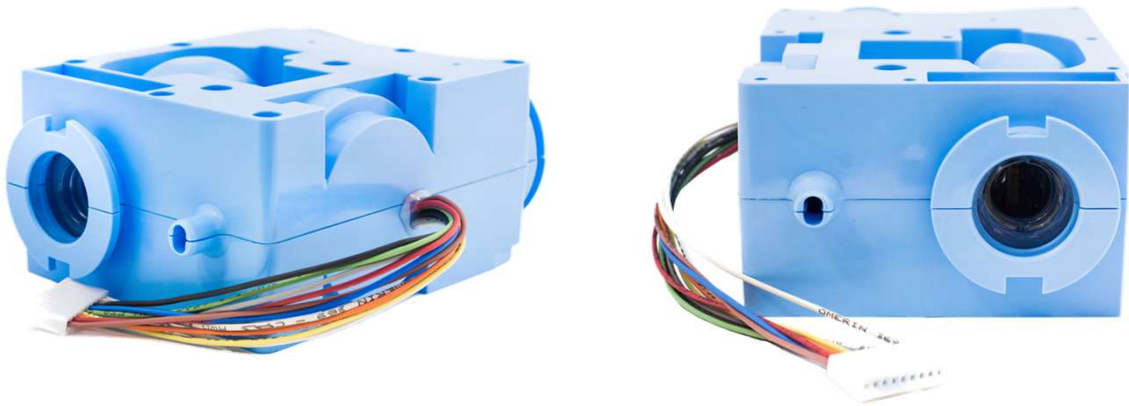


MFA0300

Blower for High Performance & Reliability

AIRFAN blower architecture with **patented motor cooling system** and unique **soundproof housing**.

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



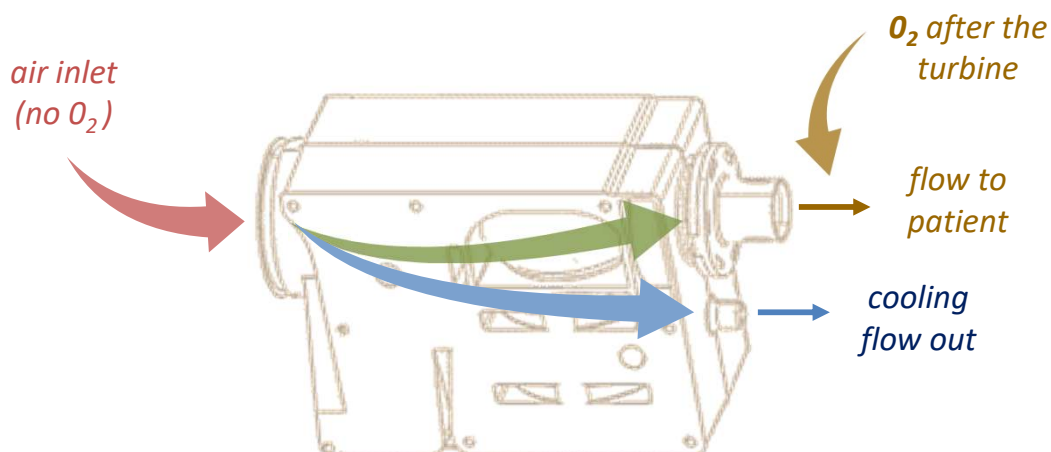
PERFORMANCES

ΔP max @24V		90 hPa fully closed
Q max @24V		320 l/mn fully opened
Typical w/p @30 l/mn		P = 12.5 (W) @30 hPa
		P = 22.8 (W) @60 hPa
LifeTime (L10)		> 40 000 hours*
Type		Casing integration

* LifeTime expectancy based on standard operating conditions

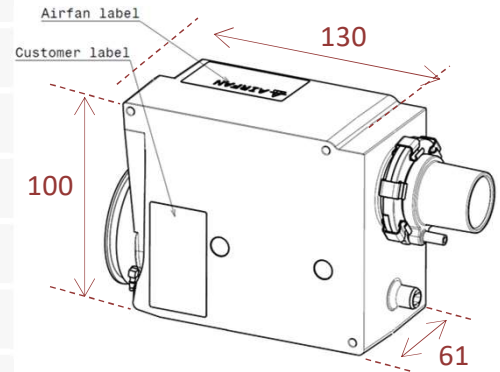
 Dynamic transient time*	< 101 ms	@3A max
	< 78 ms	@6A max
	< 68 ms	@10A max
* from 5 to 60 hPa @30 l/mn		
 Noise Level*	< 29 dBa	@10 hPa
	< 40 dBa	@50 hPa
	< 46 dBa	@100 hPa

* with Blower inlet @1m



TECHNICAL DATA

Voltage supply	24 VDC (nom) 28 VDC (max)
Motor type	Brushless with Hall-effect sensors
Dimensions (casing)	130 x 100 x 61 mm (5.3 x 3.9 x 2.4 in)
Weight	0.44 kg (~ 1.00 Lb)
Integration	works in any position/orientation
Temperature	+10 to +50°C ambient
Humidity	15 to 95% RH non-condensing
Atmospheric pressure	660 to 1060 hPa
Oxygen compatibility	no

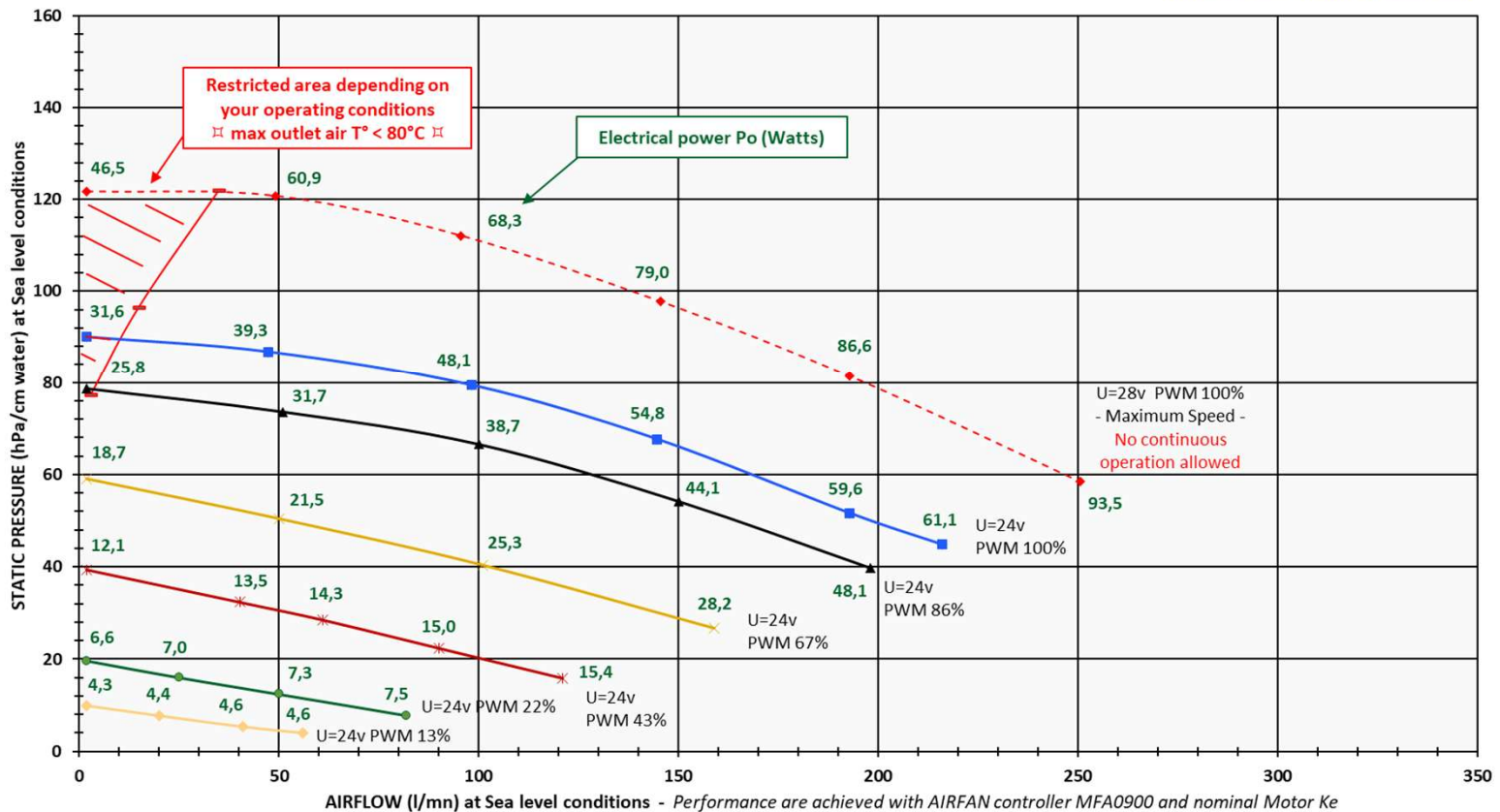


COMPRESSOR MAP

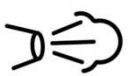
MFA0300 Turbine

Static ΔP vs Airflow at Constant PWM and Motor Voltage

PWM = Pulse Width Modulation



CUSTOMISATION



Outlet port

- ☒ **Outlet port** male or female connector (22 $\varnothing$ ISO5356-1) or additional auxiliary ports



- ☒ **Wire Length** 150 or custom



- ☒ **Low Leakage** sealing as per ISO80601



- ☒ **O-ring** for air inlet



- ☒ **Custom label**



CUSTOMISE TO YOUR SPECIFICATIONS



All values listed are typical values with tolerance classification grade 4 according to standard ISO 13348