

MFA0249

Blower for Blended O₂ & Transport care

Specific blower architecture with **patented motor cooling system** fully **independent** from the air flow inlet. This blower has a **special vibration and noise reduction housing** designed for **portable applications**, including emergency care.

**New
product**



**Available on
request**

PERFORMANCES

ΔP max @24V		> 130 hPa	fully closed
Q max @24V		> 340 l/mn	fully opened
Typical w/p @30 l/mn		P = 11.6 (W)	@30 hPa
		P = 21.3 (W)	@60 hPa
LifeTime (L10)		> 40 000 hours*	
Type		Casing integration	

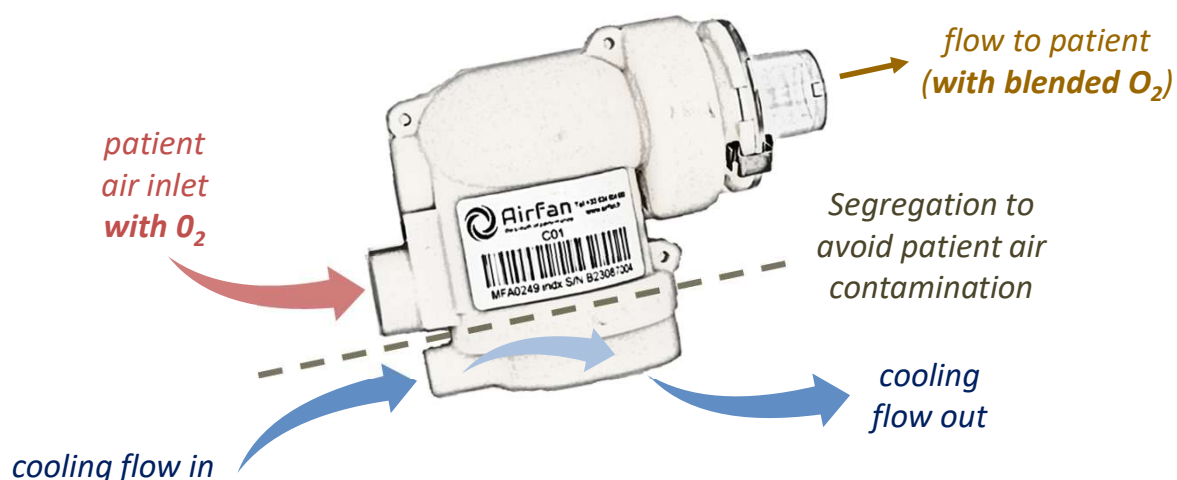
* LifeTime expectancy based on standard operating conditions

 Dynamic transient time*	< 97 ms	@3A max
	< 92 ms	@6A max
	< 86 ms	@10A max

* from 5 to 60 hPa @30 l/mn

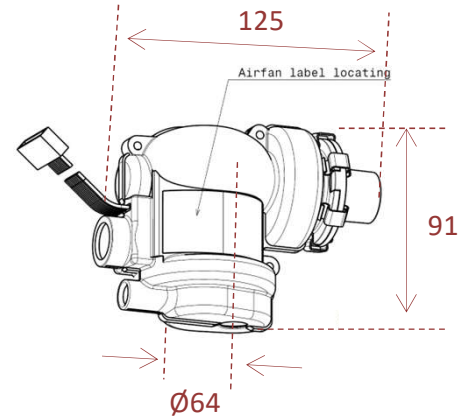
 Noise Level*		
	< 52 dBa	@30 hPa

* with Blower inlet @1m



TECHNICAL DATA

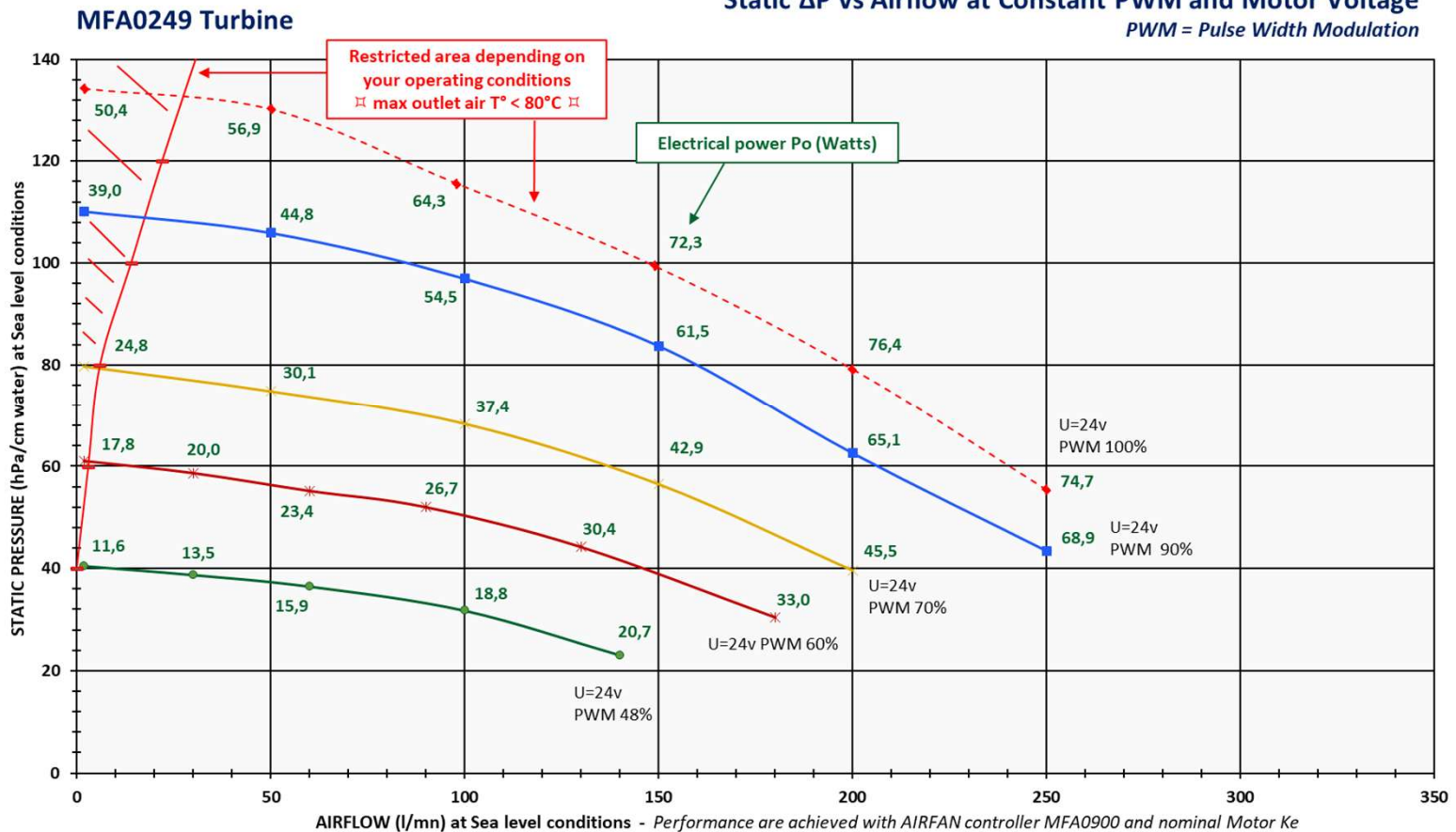
Voltage supply	24 VDC (nom) 24 VDC (max)
Motor type	Brushless with Hall-effect sensors
Dimensions (casing)	125 x 91 x Ø64 mm (4.9x3.6xØ2.5 in)
Weight	0.23 kg (~ 0.51 Lb)
Integration	works in any position/orientation
Temperature	+10 to +50°C ambient
Humidity	10 to 95% RH non-condensing
Atmospheric pressure	660 to 1060 hPa
Oxygen compatibility	100% O2 compatible



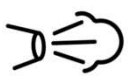
COMPRESSOR MAP

Static ΔP vs Airflow at Constant PWM and Motor Voltage

PWM = Pulse Width Modulation



CUSTOMISATION



Outlet port

- ☒ Outlet port male or female connector (22Ø ISO5356-1) or additional auxiliary ports



- ☒ Wire Length 150 or custom



- ☒ Custom label



**CUSTOMISE TO
YOUR
SPECIFICATIONS**



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

