

MFA0206

Blower designed for specific integration






An AIRFAN turbine's naked architecture

The **MFA0206** is designed for implementation on ventilators dedicated to **Home Care** and **Bi-Level** using **O₂ injection before the turbine****.



It's derivate from the **MFA0205** without inner motor cooling system.



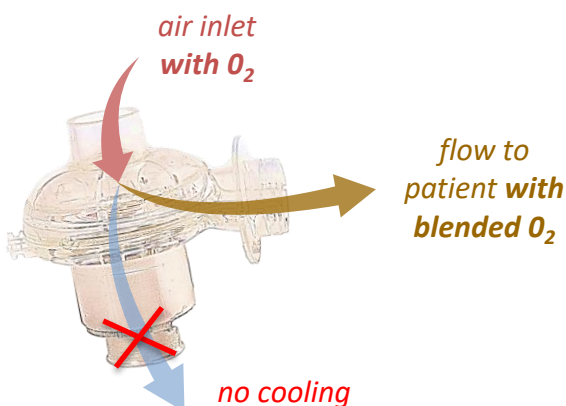
PERFORMANCES

ΔP max @24V 	79 hPa fully closed
Q max @24V 	300 l/mn fully opened
Typical w/p @30 l/mn 	P = 9.3 (W) @30 hPa P = 17.4 (W) @60 hPa
LifeTime (L10) 	> 25 000 hours*
Type 	Naked turbine

* LifeTime expectancy based on standard operating conditions

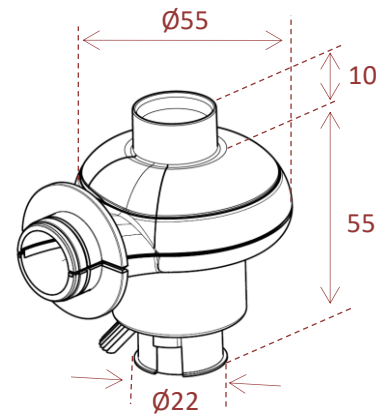
 Dynamic transient time*	< 95 ms @3A max
	< 88 ms @6A max
	< 84 ms @10A max
* from 5 to 60 hPa @30 l/mn	
 Noise Level*	< 53 dBa @10 hPa
	< 61 dBa @30 hPa
	< 67 dBa @60 hPa

* with Blower inlet @1m



TECHNICAL DATA

Voltage supply	24 VDC (nom) 28 VDC (max)
Motor type	Brushless with Hall-effect sensors
Dimensions (casing)	Ø55 x 65 mm (Ø2.2 x 2.6 in)
Weight	0.10 kg (~ 0.22 Lb)
Integration	works in any position/orientation
Temperature	-20 to +50°C ambient
Humidity	0 to 95% RH non condensing
Atmospheric pressure	700 to 1100 hPa
Oxygen compatibility	Yes

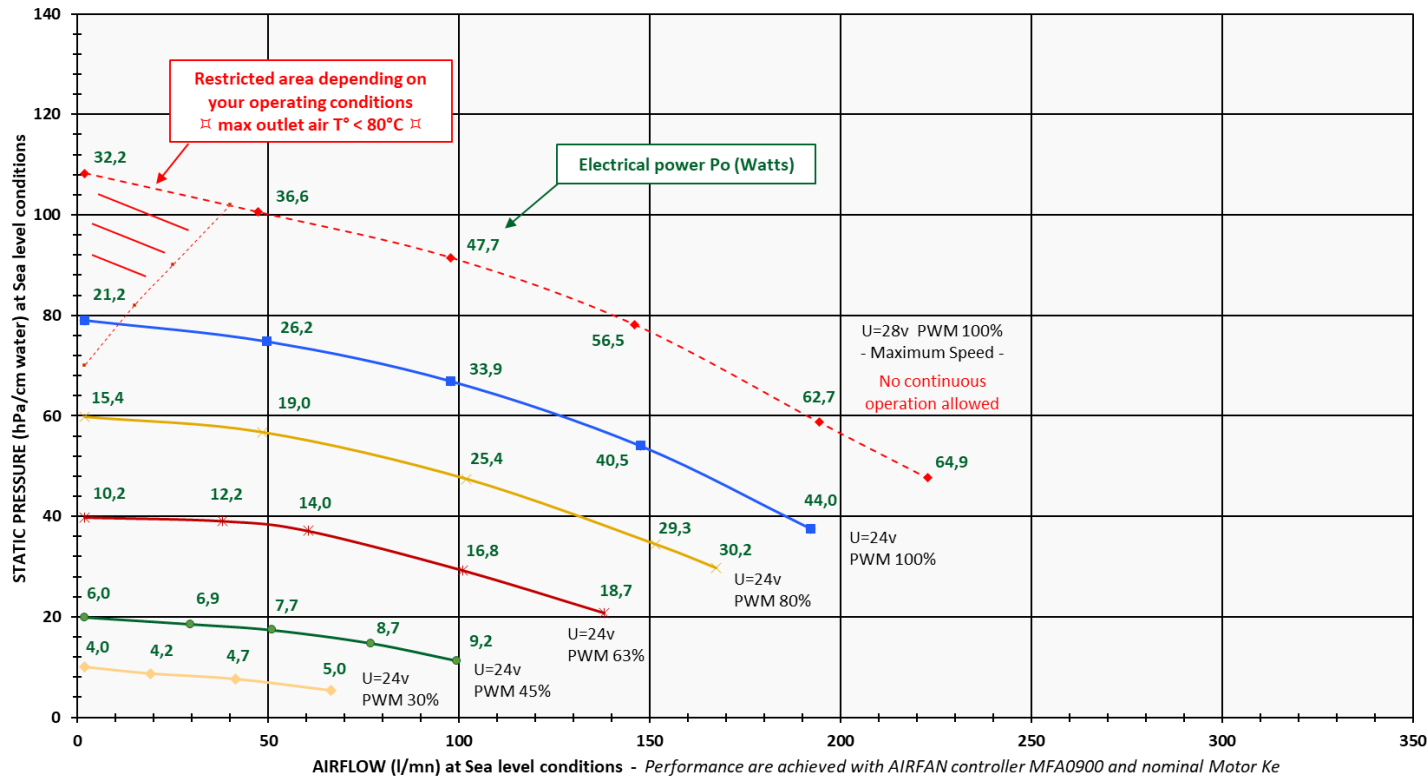


COMPRESSOR MAP

Static ΔP vs Airflow at Constant PWM and Motor Voltage

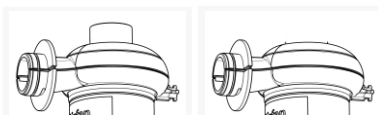
PWM = Pulse Width Modulation

MFA0206 Turbine



CUSTOMIZATION

- with or without inlet tube
- external suspension for vibration
- Wire Length 150mm or custom



ASK FOR YOUR CUSTOMIZATION

