

MFA0801

Blower for Cough Assist Devices

An AIRFAN blower design with its **patented motor cooling system**
With its high flow capability and reverse mode the **MFA0801** is used in medical application for cough assistance devices. It is derived from the **MFA0800** with O₂ injection before the turbine**.



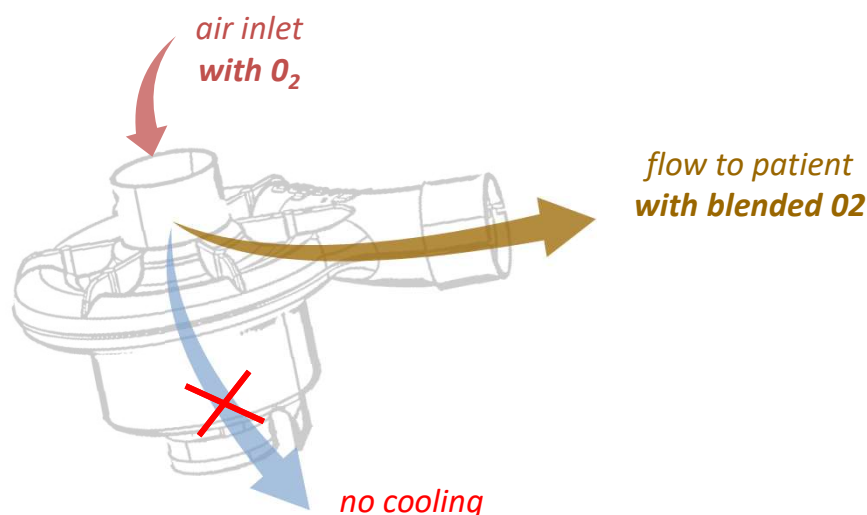
PERFORMANCES

ΔP max @24V		+95 / -85 hPa fully closed
Q max @24V		700 l/mn fully opened
Typical w/p @30 l/mn		P = 15.2 (W) @30 hPa
		P = 30.4 (W) @60 hPa
LifeTime (L10)		> 25 000 hours*
Type		Naked turbine

* LifeTime expectancy based on standard operating conditions

 Dynamic transient time*	< 137 ms	@3A max
	< 95 ms	@6A max
	< 82 ms	@10A max
* from 5 to 60 hPa @30 l/mn		
 Noise Level*	< 52 dBa	@10 hPa
	< 65 dBa	@30 hPa
	< 72 dBa	@60 hPa

* with Blower inlet @1m



Voltage supply	24 VDC (nom) 27 VDC (max)
Motor type	Brushless with Hall-effect sensors
Dimensions (casing)	Ø72 x 63 mm (Ø2.75 x 2.5 in)
Weight	0.14 kg (~ 0.3 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	depending on customer operating conditions

