

## Miniature Fans and Blowers

Powering Air for Laboratory and Science



### Applications

- Diagnostic/analysis
- Research/development
- DNA-testing
- Thermal cycling
- Air quality monitoring
- Glovebox
- Fume chamber

### Product Features

- Brushless motor drives
- Vacuum and pressure up to 16000 Pa
- Compact size
- Highly efficient and durable
- Available with integrated electronic motor driver
- O<sub>2</sub> and gas resistant versions available

Micronel's high performance Axial Fans and Radial Blowers are relied upon around the world in Pharmaceutical, Biotech, Laboratory and Scientific equipment for demanding air moving and cooling applications. Applications for our fans and blowers range from rapid cooling/thermal cycling in PCR testing machines, precise air quality monitoring in pharmaceutical and biotech clean rooms, reliable extraction in fume chambers and glovebox equipment to cooling and ventilation of a wide range of diagnostic and analytical equipment. Micronel's precision engineered products provide high pressure/suction combined with high airflow, low noise, low power consumption coupled with highest reliability and life expectancy.



## C6025

Very reliable, durable,  
ultra-quiet fan for  
ruggedized environments!

<b>Supply voltage</b>	12 and 24 V <sub>DC</sub>
<b>Static pressure</b>	87 Pa
<b>Freeflow</b>	690 l/min
<b>Motor controller</b>	Integrated driver electronics
<b>Typical applications</b>	Cooling requirements that need long life, low noise and power consumption



## D481P

Versatile and cost  
effective, high power,  
in-line fan!

<b>Supply voltage</b>	12 V <sub>DC</sub>
<b>Static pressure</b>	890 Pa
<b>Freeflow</b>	1 060 l/min
<b>Motor controller</b>	Integrated driver electronics
<b>Typical applications</b>	Demanding cooling and air moving where higher pressure/suction is needed



## U51HP

Cost effective blower  
with high pressure  
and flow rate!

<b>Supply voltage</b>	12 V <sub>DC</sub>
<b>Static pressure</b>	2 600 Pa
<b>Freeflow</b>	380 l/min
<b>Motor controller</b>	Integrated driver electronics
<b>Typical applications</b>	Higher pressure/suction applications as diagnostic and test equipment



## U85MX

Most powerful blower,  
where highest pressures  
are needed!

<b>Supply voltage</b>	21 V <sub>DC</sub>
<b>Static pressure</b>	12 300 Pa
<b>Freeflow</b>	860 l/min
<b>Motor controller</b>	Integrated driver electronics
<b>Typical applications</b>	Forcing air through tubing and systems as air sampling or fume chambers