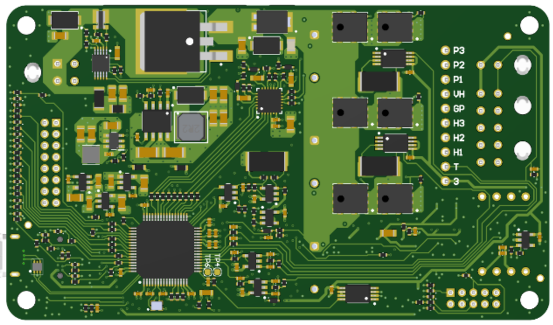
BCU - Blower Control Unit

Blower controller designed specifically for respiratory devices



Ready solution in no time

- Speeds up development time with an out of the box blower ventilator control solution.
- Directly controls the pressure and flow.
- Easy to integrate in any blower driven ventilator.

Compatible with any type of blower

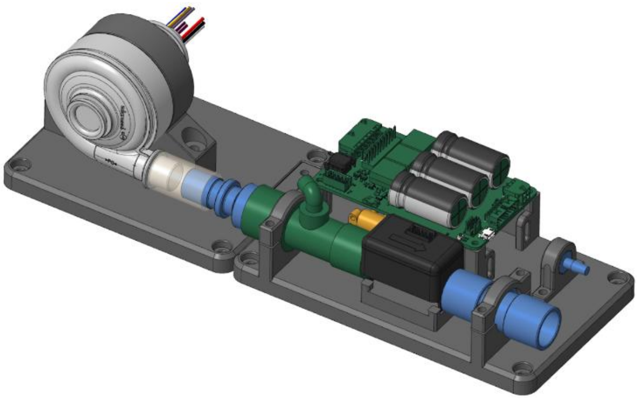
- Advanced control algorithms with built in Field Oriented Control (FOC) results in optimized performance for any BLDC blower of any brand, either sensor-less or with hall sensors.

State-of-the-art ventilation performance

- The BCU reduces the need for advanced control design as it delivers the requested pressure, volume, or flow accurately.

Safety

- The BCU monitors critical functions, which enables easy system integration and compliance with medical device safety requirements.



Evaluation kit

- Available for testing of BCU and selected blower.
- Control RPM, pressure or flow via PC software.

Please contact us for more information!

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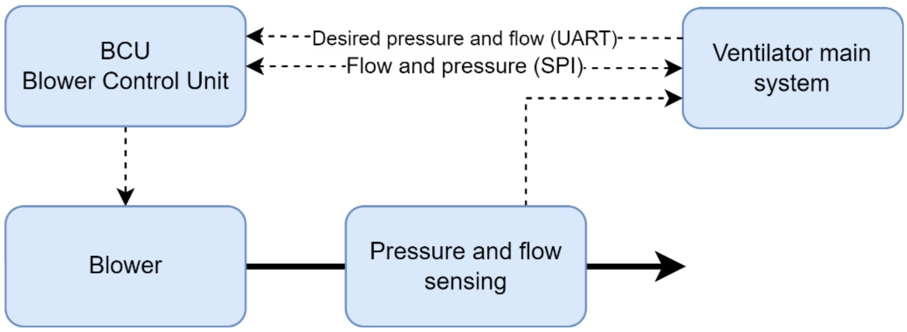
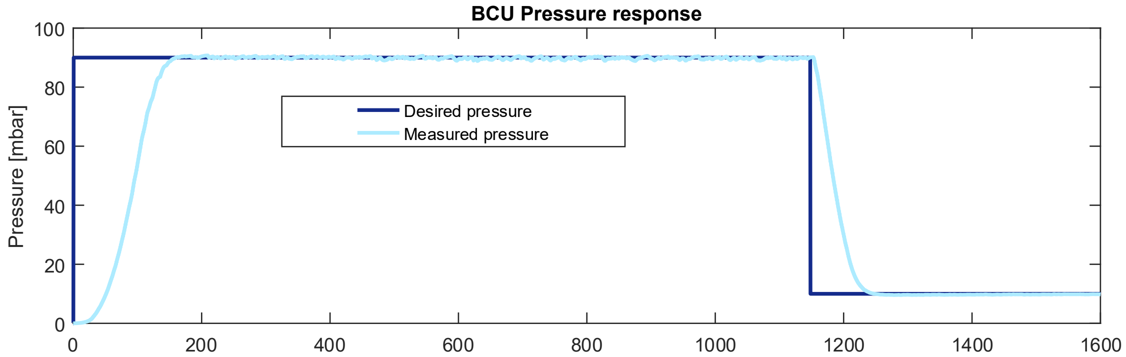
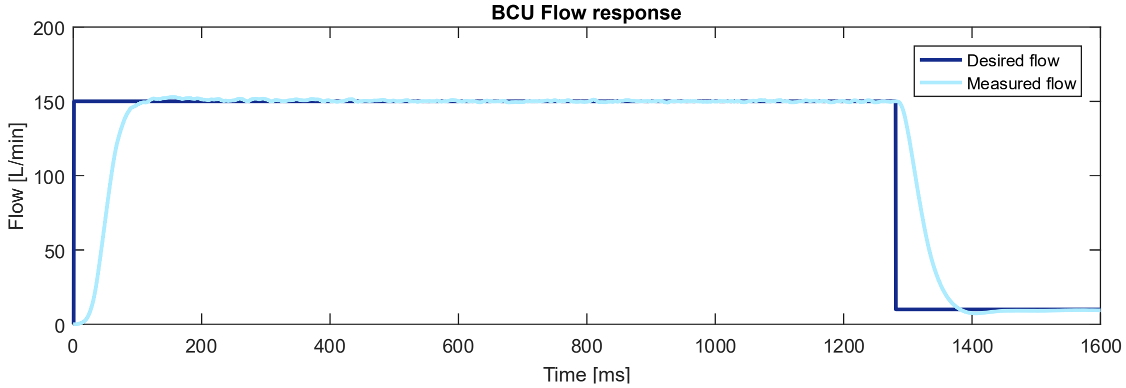
System overview



Typical performance *





* Actual performance depends on selected blower and the system compliance.

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