



COMPLETE CABIN AIR QUALITY SYSTEM

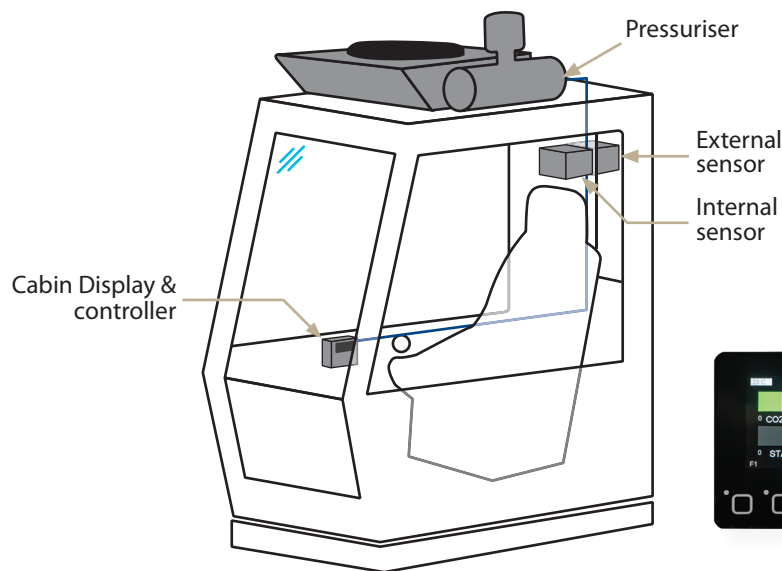
ISO 23875 compliant air quality control systems

- Improve operator air quality and reduce occupational exposure
- Variable fan speed to always maintain positive cabin pressurisation whilst in operation
- Real-time visual and audio alarms for pre-set pressure drop and CO₂ levels
- Medical grade H13 HEPA air filter

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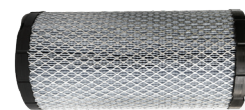


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Brushless Fan

- 24VDC
- long life motor
- Engineered to withstand pressure static



HEPA Filter

- 99.95% efficient at MPPS



Cabin Display

- CO₂ level in PPM
- Cabin Pressure in Pa
- CAN bus connectivity

ISO 23875 COMPLIANT



Monitor CO₂ Levels

Monitor system display visual & audio alarm at pre-set levels.



Fresh & Recirculation System Efficiency

Recirculation and fresh air filter enables efficient removal of harmful particles out of the cabin to meet ISO 23875 in a complying cabin.



High Efficiency Filter

H13 HEPA filter upto 99.95% efficient at MPPS.



Pressurisation

Maintain a continuous stage of positive pressure (20Pa to 200Pa) in the cabin to avoid ingress of external particulates and contaminants.



Real-Time Monitoring

Always-on sensors measures cabin air pressure and CO₂ levels and allows the operator to monitor in real time the operating conditions or air quality condition inside the cabin.

Data is available on CAN network to link up to central monitoring system.

KEY BENEFITS



Ensure operator safety



Reduce total cost of ownership



Increase productivity



Extend overall machine life

KEY FEATURES



CAN bus Network connectivity
Can be incorporated to existing HMI (on CAN)



4-way Deutsch plug with male pins & M12 connectors for easy and reliable connectivity



Can replace existing EB9P pressuriser (brushed motor pressuriser)



Brushless fan motors with variable speed



2" inlet pre-cleaner
Separates upto 96% of incoming contaminant



Heavy duty 1.2/1.5mm steel body construction



Cabin pressure system with auto air pressure control and CO₂ monitoring



H13 HEPA filter
Upto 99.95% efficient at MPPS

SPECIFICATION

	METRIC	IMPERIAL
Fan Speeds	Variable	Variable
Fresh Air	15-22 l/s	32 - 47 CFM
Power Supply	24v	24v
Current Draw	5A	5A
Weight	9.0 kg	20lbs
Dimension L X W X H	412mm x 272mm x 358mm	16.2in x 10.7in x 14.1in



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