

# Operator and Maintenance Instruction Card

## InPress™ Controller



All BreatheSafe systems are engineered to protect your lungs by eliminating airborne particles in your environment. This guide is designed to keep your system working as intended.



### Operators Checklist

Pre-Start	
1	Visually inspect the BreatheSafe system for any damage.
2	Visually inspect the cabin for any damage to doors, windows and seals.
3	Please remove debris from shoes and clothes before entering the cabin.
4	Ensure doors and windows are closed correctly.
5	Start engine and turn HVAC blower to mid speed or greater.
6	After fixed speed delay, the BreatheSafe display will show 50 Pascals or pre-set value.

\*The system is working correctly when displaying 50 Pascals or pre-set value. No further action required.

### Normal Operating Condition – Cabin Air Conditioning

8:30      22/04/24

Cabin Pressure      50 Pa

CO2 Level      800 PPM

Temperature      20°C

25%

Fan motor speed output.

Mute button to silence audible alarm.

BreatheSafe recommends OEM air conditioning fan is set at mid-speed or greater to circulate air around the breathing zone and minimise CO<sub>2</sub>. Acceptable operating range for BreatheSafe fan is between 10-80%. >80% maintenance is recommended.

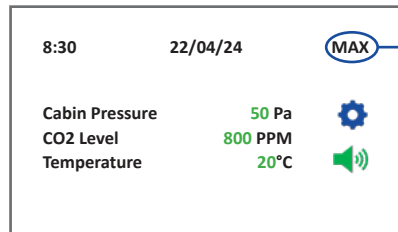
### Alerts

Types of Alert	
Fixed Fan Start Delay	Allows the operator to carry out pre-start checks, limiting at 30% fan speed. Press red text to disable the alert.
CO <sub>2</sub> Level Alert (if equipped with Sensor Pod)	Ensure that the air conditioning fan is set at mid speed or greater to circulate air and minimise CO <sub>2</sub> .
Low Pressure Alarm	Cabin is not maintaining positive pressure, check that the doors and windows are closed correctly. Refer to maintenance department to check filters and cabin sealing.
Check Filter	Reminder to inspect or replace filter. Service hour meter requires re-set. Once replaced, refer to the maintenance department.
Low Pressure – Service Mode	Cabin will not gain pressure and limits the pressuriser capacity to 30%. Ensure all doors and windows are CLOSED correctly (no cabin pressure leaks) and refer to the maintenance department.

### Maintenance Instruction

Always keep door and windows closed during maintenance activities to prevent dust entering the cabin. Use correct PPE. Ensure the BreatheSafe system is energised by an independently fused circuit live via ignition.

### Filter Inspection – Fan Capacity Indicator



Incorrect operation or maintenance due. Ensure doors and windows are shut correctly. Check filter condition and cabin sealing.

**!** Note:  
Inspect filters every 500 hours.

### Check Filter Alarm / After Replacing Filter

Access 'CHECK RUNTIME' menu. \*This is passcode protected, please refer to service manual. Re-set service hours after filter replacement.

### Cabin Sealing Efficiency Test

Instructions		
<b>Step One:</b>  Start engine – pressuriser is ON.	<b>Step Two:</b>  With the door open, confirm the controller reads '0 Pa'.	<b>Step Three:</b>  Then ensure all windows & door(s) are CLOSED correctly (no cabin pressure leaks).
<b>Step Four:</b>   Press the settings cog.	<b>Step Five:</b>   Press 'SYSTEM CHECK' button.	<b>Step Six:</b>   Pressure target is 250 Pa or greater with a new filter. Less than 250 Pa requires cabin sealing improvements.

### Auditing



Scan the QR code & follow the steps to audit your machine.

Ensure you are wearing the correct PPE.

