

Plug and Play CO₂ Sensors

PZ-70CS(W)(D)-E



PZ-70CSW-E
(Wall Mounted Type)



PZ-70CSD-E
(Duct-in Type)

Enhance Indoor Air Quality with Mitsubishi Electric CO₂ Sensor Integration

Mitsubishi Electric PZ-70CS(W)/(D)-E CO₂ sensors directly integrate with Lossnay LGH-RVX3 and LGH-RVS systems to promote a healthy and comfortable indoor environment, intuitively. Through continuous monitoring of carbon dioxide levels, these sensors automatically detect and adjust your Lossnay system's airflow to ensure stale, stuffy air is removed and replaced with fresh outdoor air—without compromising energy efficiency.

The result? Maximised indoor air quality, fresher air and a smarter, more responsive and efficient ventilation system. Connected directly to the Lossnay unit, both sensors offer simple installation and set-up. CO₂ levels are visible on the Lossnay controller, the Wi-Fi Control App or traffic light display on the wall sensor.

Key Features



Intuitive Airflow Control

Integrating seamlessly with the Lossnay systems 16-step airflow increments (25% – 100%), the PZ-70CS(W)/(D)-E CO₂ Sensors intuitively adjust airflow* for consistent, effective ventilation and improved indoor air quality.



Flexible Configuration

With simple adjustment via the PZ-62DR-E Lossnay Controller, the lower and upper limit CO₂ levels can be set between 300ppm and 2000ppm at 50ppm increments. This allows customised tuning to optimise air quality in a wide range of situations.



Traffic Light CO₂ Indicator

Offers quick and easy understanding of CO₂ levels in the space (when using wall mounted type sensor).



Hassle-free Installation

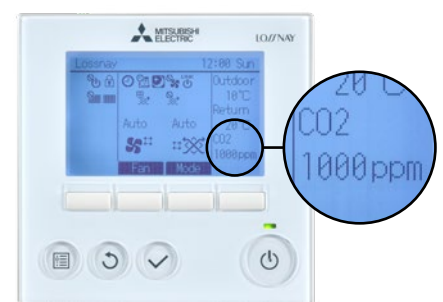
Remove complication with simple plug and play cable connection direct to the Lossnay unit. No external power supply is required.



Consistent Results

Sensors automatically recalibrate themselves, ensuring consistent results and removing the ongoing maintenance costs needed with other sensors.

* Auto Fan Mode setting required to enable CO₂ airflow adjustment.



Specifications

PZ-70CS(W)(D)-E – Plug and Play CO₂ Sensors

Model			PZ-70CSW-E	PZ-70CSD-E
Type			Wall Mounted	Return Air
Concentration PPM Display			On PZ-62DR-E / Wi-Fi Control* ¹	On PZ-62DR-E / Wi-Fi Control* ¹
Concentration PPM Range			300ppm – 2000ppm	300ppm – 2000ppm
Visual Indicator			Traffic Light Signal	–
Electrical Power Supply			From Lossnay Unit	From Lossnay Unit
Cable Length		(m)	10* ²	6
Dimensions	Width x Depth x Height	(mm)	70 x 26 x 120	117 x 75 x 65
Compatible With			Lossnay LGH-RVX3-E and LGH-RVS-E Series	

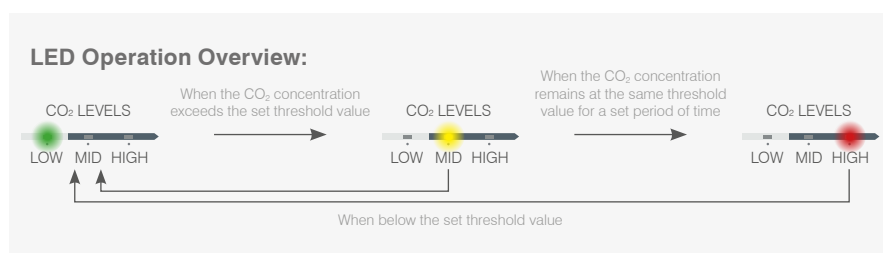
*1 Optional Wi-Fi Control Adaptor required.

*2 Extendable to 20m.

Traffic Light CO₂ Indicator Setting

The wall mount type CO₂ sensor PZ-70CSW-E has a 3-step traffic light LED display which indicates CO₂ concentration level in real-time.

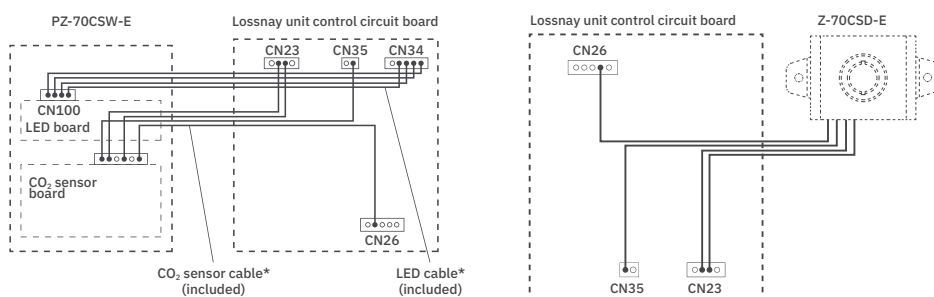
The Traffic Light CO₂ Indicator works in accordance with the operations shown below. Threshold settings and lighting times can be commissioned easily via the PZ-62DR-E Lossnay Controller.



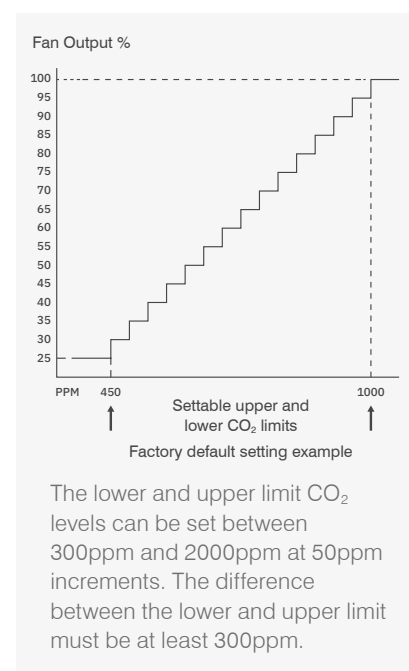
Wiring Diagram

A qualified electrical technician is to carry out connection work. Once installation work is complete, confirm again that the wiring is as per the wiring diagram, and that no parts or screws remain unused.

Do not disconnect connectors that are already connected.



Flexible Configuration



Learn More About Lossnay Fresh Air Heat Recovery Ventilation

Please note: When deciding on the best place to position the Lossnay Ventilation System, care needs to be taken to not have incoming air intake near or close to a wood burner flue.

For more information please visit our website or call our Customer Service Team.

www.mitsubishi-electric.co.nz | 0800 784 382

PUBLISHED JUN 2025

PLEASE LOOK AFTER THE ENVIRONMENT AND RECYCLE



Black Diamond Technologies Limited



Exclusive New Zealand Partner Since 1981

