Ventilation | Product Information

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

Plug and play CO_2 sensor

The Mitsubishi Electric **PZ-70CS(W)/(B)-E CO_2 sensors** have been designed to work with the LGH-RVS-E range of Lossnay units.

They allow the indoor air quality of a room to be kept safe and fresh by regularly measuring the CO_2 levels and adjusting airflows accordingly, ensuring that stale air is removed from the space and fresh air is introduced in an energy efficient manner.

Powered directly from the Lossnay's power supply, both sensors offer simple installation and are commissioned digitally on the PZ-62DR-E Lossnay controller for tailored monitoring and control.

Key Features & Benefits:

- Plug and play solution for ease of installation
- Visual LED display for quick and easy indication of CO_2 levels in the space (Only available with PZ-70CSW-E)
- Automatic16-step control offers seamless change across the fan range for consistent and effective ventilation, and improved indoor air quality
- Powered by the Lossnay unit therefore no requirement for additional power supply
- Digital commissioning of setpoints and thresholds for user-friendly, tailored control

Ventilation | **Product Information**

PZ-70CS(W)(B)-E
Plug and play CO_2 sensor

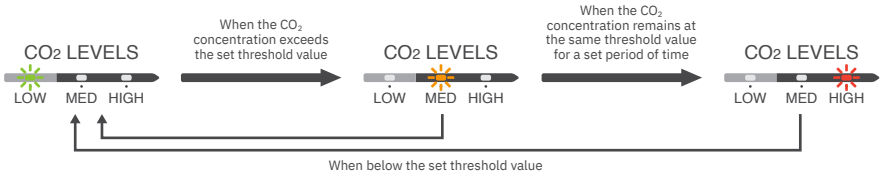
MODEL			PZ-70CSW-E	PZ-70CSB-E
TYPE			Wall Mounted	Return Air
CONCENTRATION PPM DISPLAY			On PZ-62DR-E	On PZ-62DR-E
VISUAL INDICATOR			Traffic Light Signal	-
ELECTRICAL POWER SUPPLY			From Lossnay Unit	From Lossnay Unit
CABLE LENGTH		m	10*1	-
DIMENSIONS	Width x Depth x Height	mm	70 x 26 x 120	109 x 50 x 64
COMPATIBLE WITH			Lossnay LGH-RVS-E Series	

Note: *1 Extendable to 20m

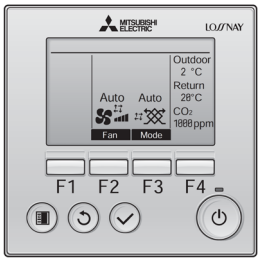
PZ-70CSW-E LED SETTING

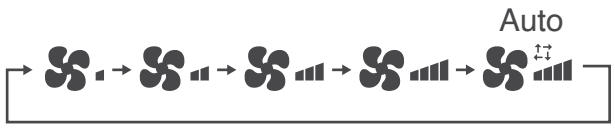
The wall mount type CO_2 sensor PZ-70CSW-E has LEDs which indicate the concentration level.

LED Operation Overview: The LED light works in accordance with the operations shown below. Settings thresholds and lighting times can be changed on the remote controller.



AUTO FAN SPEED

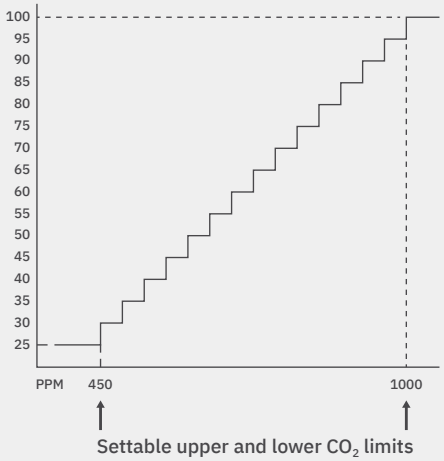




Setting the fan speed to **"Auto"** will start automatic fan speed control using the CO_2 sensor.

FAN OUTPUT

Fan Output %

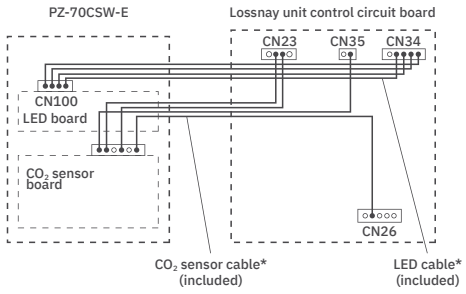


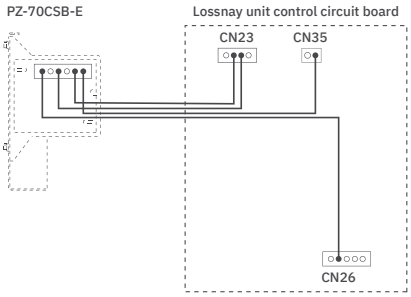
The lower and upper limit CO_2 levels can be set between 300ppm and 2000ppm at 50ppm increments. The difference between the lower and upper limit must be at least 300ppm.

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.





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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of January 2022

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