

Vertical Lossnay Humidity Sensor

P-09HSD-E OPTIONAL ACCESSORY



HUMIDITY SENSOR

Key Features

Seamless Integration

Designed for seamless integration with Mitsubishi Electric Vertical Lossnay units. If humidity levels exceed the preset threshold, the system intuitively increases fan speed to manage indoor humidity.

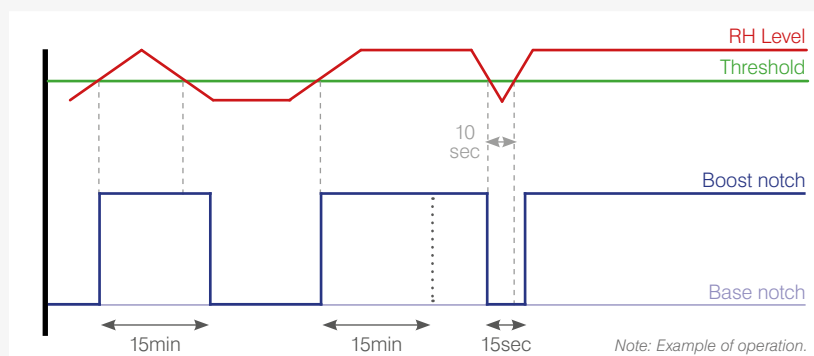
Intuitive Airflow Control

The duct-mounted sensor automatically boosts fan speeds to replace moisture-laden indoor air with fresh outdoor air for optimal comfort.

Enhance indoor air quality by directly integrating the Mitsubishi Electric P-09HSD-E Humidity Sensor with your Vertical Lossnay Ventilation System. The sensor continuously monitors humidity levels, automatically adjusting your Lossnay system's airflow to ensure that moisture-laden air is removed and replaced with fresh outdoor air, without compromising energy efficiency.



P-09HSD-E
Duct-mounted

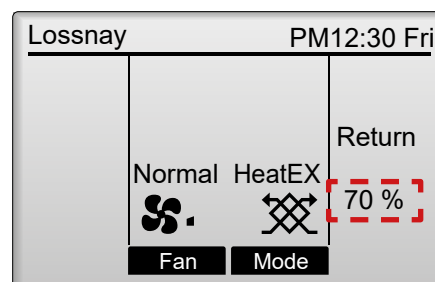


Hassle-free Installation

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

Smart Monitoring with Control

Real-time indoor air quality (IAQ) is displayed on the Lossnay controller*, with automatic fan speed adjustment to maintain optimal comfort.



Humidity Levels are displayed on the Vertical VL Lossnay Controller.

* Unit configuration is required for display. Please refer to installation manual for more details.

Specifications

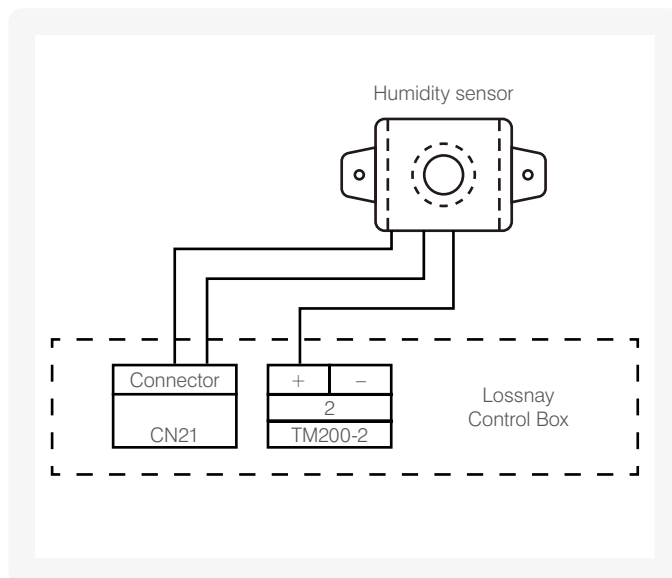
Lossnay Humidity Sensor

MODEL			P-09HSD-E
Type			Duct-mounted
Relative Humidity % Displayed			Vertical VL Lossnay Controller
Relative Humidity Detection and Threshold Range*1		[RH%]	50 – 90
Electrical Power Supply			From Lossnay Unit
Cable Length		[mm]	Approx. 1700
Dimensions	Width	[mm]	107
	Depth	[mm]	75
	Height	[mm]	65
Compatible With			VL-CZPVU2-EG Vertical Lossnay Range
Fixing Plate Dimensions	Width	[mm]	158
	Depth	[mm]	1.2
	Height	[mm]	50

*1 Measures the RH% concentration in the duct for airflow management. In addition, the measurement accuracy may vary depending on the usage environment, installation conditions, etc.

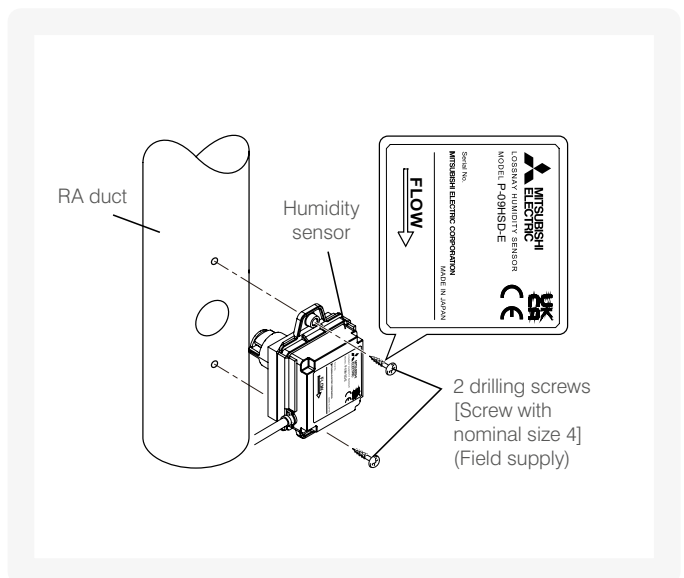
Wiring Diagram

A qualified electrical technician is required to carry out connection work. Once installation is complete, the wiring should be as per the wiring diagram, with no parts or screws unused.



Installation Diagram

The Humidity Sensor is fixed to the Return Air (RA) duct. Example of this installation can be seen below.



Learn More About Lossnay Fresh Air Heat Recovery Ventilation

