Visualize odors and CO2 concentration and automatically control ventilation and deodorizing equipment





Visualize ozone and CO2 concentration and automatically control ventilation and ozone generators



Ultimate IAQ compatible

Ozone CO2 dual sensor controller

Measure indoor ozone and CO2 concentration



Ventilate and sterilize with proper levels (measures against infectious diseases)

Improve indoor environment









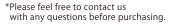












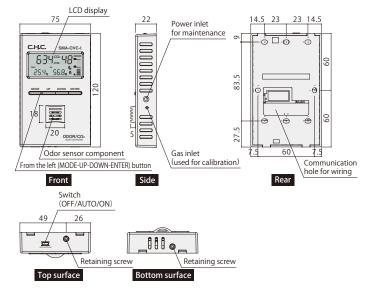


High-precision optical NDIR dual beam sensor, built-in CO2 concentration correction (calibration) function

SMA-OVC-I Odor • CO₂ Dual Sensor • Controller

Manufacturer's recommended retail price on request

Body size (mm)



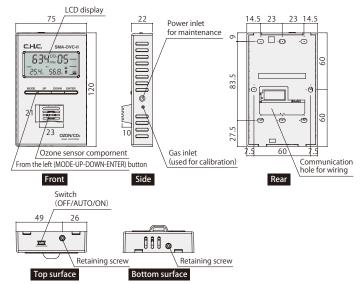
Specification table

Odor sensor	Measurement method	Metal oxide gas sensor
	Target gas	Odors such as cigarette, cooking odors, VOCs, and ammonia
	Measurement range	Converts odor intensity equivalent to 0-5 to odor value (proprietary standard) 0-99
CO ₂ sensor	Measurement method	High-Precision optical NDIR (non-dispersive infrared absorption) dual beam Sensor
	Measurement range	0-5,000 ppm
	Accuracy	CO ₂ : Within \pm 75 ppm or \pm 5% larger value (0-3,000 ppm)
	Correction (calibration) function	Built-in
Relay output (selectable)	DUAL	Operates with either odor or CO ₂ concentration
	CO ₂	Operates with CO ₂ concentration only
	ODOR	Operates with odor only
	EACH	Operates independently of odor and CO ₂ concentration
Analog output	Odor	Odor value 0-99 ⇒ 4-20mA
	CO ₂	CO_2 concentration 0-5,000 ppm \Rightarrow 4-20mA
Digital output	RS-485 Modbus RTU	
Usage conditions	Temperature: 0-50°C;Humidity: 95% or less. No condensation	
Power supply	AC / DC24V	
Product warranty period	1 year	

SMA-OVC-II Ozone • CO₂ Dual Sensor • Controller

Manufacturer's recommended retail price on request

Body size (mm)



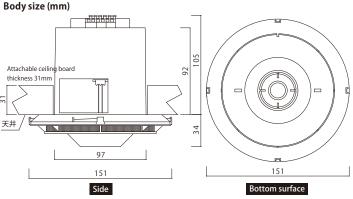
Specification table

Ozone sensor	Measurement method	Metal oxide gas sensor	
	Target gas	Ozone gas	
	Measurement range	0-0.50 ppm (displayed in 0.01 ppm steps)	
CO2 sensor	Measurement method	High-Precision optical NDIR (non-dispersive infrared absorption) dual beam Sensor	
	Measurement range	0-5,000 ppm	
	Accuracy	CO ₂ : Within \pm 75ppm or \pm 5% larger value (0-3,000 ppm)	
	Correction (calibration) function	Built-in	
Relay output	2 systems of relay 1/2 (equivalent to SMA-OVC-I)		
Analog output	4-20mA output is possible for each of ozone concentration and CO ₂ concentration (equivalent to SMA-OVC-I)		
Digital output	RS-485 Modbus RTU		
Usage conditions	Temperature: 0-50°C;Humidity: 95% or less. No condensation		
Power supply	AC / DC24V		
Product warranty period	1 year		

OM-TS8P

Ozone generator/Ceiling embedded type

Manufacturer's recommended retail price **USD 600.00** (tax excluded)



Specification table

Amount of ozone generated	0-30 mg/h (Set with adjustment volume)
Air flow	80-120 L/min (Set with adjustment volume)
Power supply	AC100-200V 0.025A (MAX) 50/60 Hz
Power consumption	2.5W
Effective processing range	~40m² (when ceiling height is 2.5m)
Ambient conditions	Temperature: 0-40°C;Humidity: No condensation
Weight	450g (including cover)
Body external dimensions	Φ151mm×H139mm
Driving sound	21.6 dB

*The life varies depending on the specification space and maintenance conditions. Specifications and appearance are subject to change without permission.

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