HEALTHY BUILDINGS KNOW WHEN TO CLEAN AIR

Better indoor air quality starts with precise detection and monitoring.

IAQ Sensors

TREND

IAQ SENSORS FOR HEALTHY BUILDINGS

Honeywell Healthy Buildings help keep facilities safer for occupants, in part by cleaning the air automatically as people come and go. To do that, your building needs accurate data about the air quality – and that starts with our versatile range of sensors for indoor air quality (IAQ).

INDOOR AIR QUALITY REINFORCES BUILDING HEALTH

Studies show that comfort levels inside your building can impact occupant health, satisfaction, and productivity.[2] This is influenced by factors such as CO_2, temperature and humidity; as well as air that is free of irritants, allergens and unwelcome odours.

REASSURE OCCUPANTS THAT YOUR BUILDING IS MEASURABLY SAFER

Proper air cleaning and exchange can help reduce disease transmission by removing or dispelling pathogens, as well as odours, chemicals, and CO_2. A relative humidity of 40–60% can also decrease exposure to infectious particles and reduce virus transmission.

CARBON DIOXIDE

CO_2 sensing is a proven way to gauge occupant density and automate demand-controlled ventilation (DCV), optimising both air quality and energy use.

- Factory-certified, self-calibrating sensors
- Wall-mounted room sensor

TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC)

Detect poor air quality due to a range of VOCs – such as odors, bioeffluents, and outdoor pollutants.

- VOC concentrations can be 10 times higher indoors
- Duct and wall-mounted sensors

FINE PARTICULATE MATTER

Track levels of irritating fine particulate matter that contribute to asthma or other respiratory diseases.

- Choose from a range of detection levels (PM1.0, PM2.5, PM4.0, or PM10)
- Wall-mounted room sensor

ALL-IN-ONE

Our multi-sensing devices report a full range of air quality factors to your building management system (BMS) for automated air cleaning and IAQ alerts.

- Temperature, humidity, CO_2, PM 2.5, PM10 and TVOC
- Duct and wall-mounted sensors

Material Number	Sensor Type	Mounting	Output	Display
C7355A1050	Temp/Hum/CO_2/TVOC/PM	Wall	MODBUS RTU	No
C7355B1052	Temp/Hum/CO_2/TVOC/PM	Duct	MODBUS RTU	No
C7364A1016	TVOC	Wall	4-20mA, 0-5/10VDC, 3-step	No
C7364B1014	TVOC	Duct	4-20mA, 0-5/10VDC, 3-step	No
C7363A1017	PM	Wall	0-5/10VDC	No
C7232B1006/U	CO_2	Duct	2-10VDC, 0/4-20MA	Yes
C7232A1008/U	CO_2	Wall	2-10VDC, 0/4-20MA	Yes
C7232B1014/U	CO_2	Duct	0/2-10VDC, 0/4-20MA	No
C7232A1016/U	CO_2	Wall	2-10VDC, 0/4-20MA	No
C7262A1008/U	CO_2	Wall	2-10VDC, 0/4-20MA	Yes
C7262A1016/U	CO_2 /Temperature	Wall	0/2-10VDC, 0/4-20MA and 20 kOhm NTC	No
C7363B1018	PM	Duct	4-20mA, 0-5/10VDC	No
C7363C1019	PM	Outdoor	4-20mA, 0-5/10VDC	No
C7632B1002/U	CO_2	Duct	0-10VDC (fixed)	No
C7632A1004/U	CO_2	Wall	0-10VDC (fixed)	No

[1] PWC Americas. Reboot: Employees want safety and well-being prioritized [Accessed September 24, 2020]
[2] U.S. Department of Energy, Energy Efficiency and Renewable Energy. Building Science Introduction - Airflow. [Accessed October 6, 2020]
[3] Harvard Medical School. Optimize Occupant Health, Building Energy Performance and your Revenue Through Indoor-Air Hydration. Dr. Stephanie Taylor, M.D., M. Arch

For more information
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