

# AIR MONITORING AS EASY AS A-B-C

A cost-effective monitor for use in schools that alerts when conditions are present that may increase the risk of exposure to airborne transmission risk based on CO<sub>2</sub> and activity levels\*

## CALIFORNIA'S 2020 SCHOOL REOPENING LEGISLATION HIGHLIGHTS THE IMPORTANCE OF CO<sub>2</sub> MONITORING IN CLASSROOM

"To ensure proper ventilation is maintained throughout the school year, all classrooms shall be equipped with a carbon dioxide monitor.<sup>1</sup>"



**Honeywell**

# COST-EFFECTIVE & USER-FRIENDLY

## REAL-TIME MONITORING OF INDOOR AMBIENT AIR CONDITIONS CAN BE AN INDICATOR OF INCREASED RISK OF AIRBORNE VIRAL TRANSMISSION\*

Using proprietary technology that monitors CO<sub>2</sub> levels combined with settings to account for human activity levels in an indoor area, the **Honeywell Transmission Risk Air Monitor** is a portable, cost-effective, and user-friendly solution that alerts when conditions are present that may increase the risk of exposure to airborne transmission.

The device comes with three pre-programmed indoor activity settings: low, medium, and high activity and is recommended for coverage of 800-1000 square feet. For each setting, the monitor provides indications using a traffic light pattern (green, yellow, or red) and a sound alarm so users can be aware of conditions that may increase the risk of airborne transmission based on multiple factors such as detectable CO<sub>2</sub> levels, room temperature, and humidity.

Honeywell Gas Analysis and Safety is a leader in gas detection technology protecting workers around the globe. This monitor was developed utilizing our leading technology to support school efforts in "in-person" learning.

## CHECK YOUR STATE SPECIFIC GUIDANCE ON CARES ACT FUNDING\*\*



### For more information

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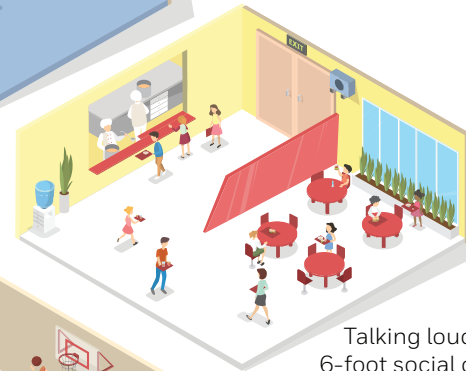


### Activity Based Settings



#### Low Activity

Reading, quietly talking,  
6-foot social distancing,  
activity duration less than  
30 minutes



#### Medium Activity

Talking loudly, eating,  
6-foot social distancing,  
activity duration less than  
45 minutes



#### High Activity

Running, jumping, exercising,  
limited social distancing,  
higher exhalation rate,  
activity duration over 45 minutes

*Honeywell recommends utilizing personal distancing protocols and the use of proper personal protective equipment (PPE), including but not limited to face masks, in all social situations. Federal, state and local governments may impose alternative or additional requirements related to the mitigation of viral transmission - please refer to all laws, rules and regulations applicable in your area.*

**The Federation of European Heating, Ventilation and Air Conditioning Associations (REHVA) recommends using CO<sub>2</sub> measuring devices indoors to assess risks of SARS-CoV-2 transmission via aerosols<sup>2,3</sup>.**

**\* The Honeywell Transmission Risk Air Monitor (HTRAM) analyzes specific air quality conditions and alerts the user when conditions are present that may increase risk of potential exposure to airborne viral transmission. It does not prevent or reduce virus transmission nor mitigate viruses that may be present, nor does it detect or warn against the presence of any virus, including but not limited to COVID-19. Even at lower risk levels caution is required to prevent viral transmission. The HTRAM does not repel or destroy any microorganism, viruses, bacteria, or germs.**

- It is buyer's sole responsibility (1) to determine the suitability of the HTRAM for use in its application; (2) to operate the HTRAM in accordance with the User Manual and any other instructions provided by Honeywell and in compliance with all applicable laws, rules and regulations; and (3) to determine, based on buyer's experience, expertise, and other available tools, the suitability of any product or service it may offer or recommend to the end user.
- Buyer is responsible for determining whether the product is appropriate for use under certain international, federal, state or local guidelines, and is likewise responsible for determining whether the HTRAM qualifies for any government programs, including without limitation, reimbursement plans.
- Any recommendations or assistance provided by Honeywell regarding the use or operation of the HTRAM - through our literature, the Honeywell web site, or otherwise - shall not be construed as representations or warranties of any kind, express or implied, and such information is accepted at buyer's own risk and without any obligation or liability to Honeywell. The information we supply in this data sheet is believed to be accurate and reliable as of this writing. However, specifications may change without notice, and Honeywell assumes no responsibility for its use.
- The HTRAM does not detect for levels of CO<sub>2</sub> that would make for an unsafe or unsuitable breathing environment.

**\*\* This product may qualify for the CARES Act or other federal, state or local programs. However, due to variations in such requirements and in customer use of these products, Honeywell cannot make that determination and it is the customer's responsibility.**

<sup>1</sup> [https://leginfo.ca.gov/faces/codes\\_displayText.xhtml?lawCode=PUC&division=1.&title=&part=1.&chapter=8.7.&article=3](https://leginfo.ca.gov/faces/codes_displayText.xhtml?lawCode=PUC&division=1.&title=&part=1.&chapter=8.7.&article=3)

<sup>2</sup> <https://www.rehva.eu/activities/covid-19-guidance>

<sup>3</sup> <https://www.rehva.eu/activities/covid-19-guidance/rehva-covid-19-faq>

<sup>4</sup> <https://pubs.acs.org/doi/10.1021/acs.estlett.1c00183>