

WHAT IS THE NOVEL CORONAVIRUS (2019-nCoV)

Coronaviruses (CoV) are a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV). This virus originated in Wuhan, China with the first case identified on December 31st, 2019. Common signs include respiratory symptoms, fever, cough, shortness of breath, and breathing difficulties. In more severe cases, the infection can cause pneumonia, severe acute respiratory syndrome, kidney failure and even death.

TRANSMISSION OF THE VIRUS

Coronaviruses are transmitted between animals and humans, classifying them as zoonotic. The risk of contracting this virus can be mitigated by regular hand washing, covering your mouth when coughing and sneezing, thoroughly cooking meat and eggs, and avoiding contact with anyone showing signs or symptoms of the virus.

THE SITUATION

The Center for Disease Control and Prevention (CDC) is closely monitoring an outbreak caused by a new coronavirus found to have originated in Wuhan, Hubei Province, China. As per the CDC Newsroom, Chinese authorities have identified close to 830 confirmed human infections in China with 26 deaths reported. A number of countries, including Canada and the United States, have been actively screening incoming travellers from Wuhan and exported human infections. There have been cases found in Thailand, Korea and Japan. As of, January 24th, the second travel-related case of 2019 of the virus was detected in the United States, the first in Washington State and the second in Chicago, Illinois. CDC is working closely with these states and local partners. A CDC team has been deployed to support the ongoing investigation in the state of Washington, including potentially tracing close contacts to determine if anyone else has become ill.

WE ARE HERE TO HELP

Abatement Technologies is a leader in emergency preparedness and response. Our products have been placed in thousands of facilities across the globe to assist in public health emergencies like TB, SARS, Ebola, MERS and now Novel CoV. We understand the importance of quickly isolating potentially infected patients from the general population to control the spread of disease. Our products are specifically designed to help facilities create spaces to handle surge-capacity quickly and safely. From hospitals to airports we can help you take the necessary measures to keep people safe and control the spread of potentially deadly viruses.

YOUR EMERGENCY RESPONSE

The response protocols for public health emergencies include several elements with which Abatement Technologies can directly and rapidly assist. We have categorized our solutions in the following pages to facilitate easy review and assessment to enable your rapid response decision making. The final page includes a list of all of these products and their product numbers, facilitating a quick and easy engagement that will permit your order transmission through a response to the email in which you received this document.



Aire Guardian Shield

The modular, adaptable AIRE GUARDIAN® SHIELD is a new temporary containment barrier system that can be easily configured into an anteroom or standalone isolation space. Deployable in a matter of minutes the adaptable system can help convert standard patient rooms into isolation rooms when combined with a HEPA-CARE® filtration device. The walls can also help create quarantine areas in open spaces like emergency wards and other patient intake and evaluation scenarios.



ISOQUAD IQ810 Bed Isolation Module

The ISOQUAD IQ810 Bed Isolation Module from Abatement Technologies® provides a fast, low-cost solution for any size bed or gurney. Each ISOQUAD unit offers in-place patient isolation to protect healthcare workers from infectious airborne pathogens and to increase isolation surge capacity in minutes.



ANTE-UP®HC7917 Inflatable Emergency Anteroom

This Inflatable Emergency Anteroom is an excellent way for hospitals and healthcare facilities to erect emergency anterooms for patient rooms, corridors or flat space where infectious, surge-capacity patients are located. The economical ANTE UP Module can be set-up by one person in minutes and collapses to a compact size for storage. When used in combination with HEPA-CARE® in-room HEPA filtration systems, ANTE UP provides a transition module between clean and dirty areas to help ensure that proper room pressure relationships are maintained.



AIRE GUARDIAN® AG3100TMK Transition/Anteroom Module

The Abatement Technologies® AIRE GUARDIAN Portable Anteroom Module is designed for temporary emergency use as an in-corridor anteroom to provide transition space and maintain proper pressure relationships between a patient room and the corridor. It is ideal for use in surge capacity applications where infectious, surge-capacity patients may require short term isolation in rooms that are not anteroom equipped. The AIRE GUARDIAN Module is placed in the corridor just outside of the room and sealed around the door frame.



HEPA-CARE® HC800FD Air Purification System

The high-tech HEPA-CARE HC800FD Air Purification System from Abatement Technologies® can be used to convert a patient room into a CDC-compliant negative pressure isolation room. The HC800FD floor model is equipped with an H14 HEPA filter tested and certified to capture at least 99.99% of microscopic particles 0.3 microns in size. This system also offers optional UV germicidal irradiation for additional protection from airborne microorganisms and is an additional layer of protection during isolation.



Pressure Differential Monitoring RPM-RT1 & RT2

Abatement Technologies® RPM Series Differential Pressure Monitors provide 24/7 monitoring and recording of differential air pressure relationships between multiple rooms or areas within a healthcare facility. The RPM-RT2 allows the user to monitor 2 spaces relative to a common area which makes it an excellent choice for anteroom applications.



PPM3-S Portable Differential Pressure Monitor (Manometer)

Like the RPM series the PPM3-S Portable Room Pressure Monitor is an essential tool for measuring the real-time pressure differential between two adjacent areas within a facility. The rugged case makes the unit durable in operation and transport making it an excellent portable or temporary solution.

PRODUCT INFORMATION AND ORDERING NUMBERS

PRODUCT	PRODUCT NO.
AIRE GUARDIAN SHIELD	Consult with your Abatement point of contact for a rapid assessment and custom deployment plan.
ISOQUAD® IQ810 BED ISOLATION MODULE	Part Number # IQ810
PORTABLE ANTE UP® HC7917 INFLATABLE EMERGENCY ANTEROOM	PART NUMBER # HC7917
AIRE GUARDIAN® ANTEROOM AG3100TM	Part Number # AG3100TMK
HEPA-CARE® HC800FD AIR PURIFICATION SYSTEM	PART NUMBER # HC800FD
SINGLE ROOM PRESSURE MONITOR RPM-RT1	Part Number # RPM-RT1
DUAL ROOM PRESSURE MONITOR RPM-RT2	PART NUMBER # RPM-RT2
PPM3-S Portable Differential Pressure Monitor (Manometer)	Part Number # PPM3-S