



## RGF-BioControls®

Technical Services Bulletin

### **Novel Coronavirus (2019-nCoV) or COVID-19**

Symptoms are mostly 'cold' like, usually mild to moderate cough, headache, sore throat and fever. In more serious cases symptoms include pneumonia and bronchitis.

Prevention and control recommendations from the CDC include 1) Minimize chances of exposure, 2) Adherence to standard precautions 3) Manage visitor access and movement, 4) Implement Engineering controls, 5) Monitor and manage ill and exposed health personnel, 6) Train and educate health personnel, 7) Implement environmental Infection Control.

This bulletin is not intended to provide guidance on the Novel Coronavirus (2019-nCoV). For current guidance and information please refer to the Centers for Disease Control and Prevention(CDC) site:

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

### **RGF-BioControls® for Hospitals and Healthcare**

Air purification and isolation room systems designed to reduce the risk of infectious airborne pathogen transmission. All Microcon® products are FDA 510(k) and CDC compliant.

**Microcon® MAP:** Mobile HEPA Air Purifier removes hazardous airborne microbial contaminants using a unique 'Circumflow' air pattern to greatly improve 'breathing zone' air filtration.

<https://www.rgf.com/products/biocontrols/microcon-400-800-map/>

**Microcon® ExC7:** Self contained, ceiling mounted HEPA filter module used for creating negative or positive isolation room pressure. Quickly and easily installed into existing and new facilities with Ecophan® blower module and Accustat® room pressure monitor to create fully automated, compliant Airborne Infection Isolation Rooms.

<https://www.rgf.com/products/biocontrols/microcon-exc7-exc7-uv/>

**Isoport™:** Customizable, modular negative pressure isolation rooms easily assembled onsite to encapsulate infectious patients while aerosolized medications are administered.

<https://www.rgf.com/products/biocontrols/isoport/>

### **In-Duct Air Purification**

**PHI-Cell® QRP Guardian Air:** UV based advanced oxidation technology installed in the HVAC ductwork to neutralize airborne pollutants like bacteria, virus, odor and mold. Third party testing on H1N1 and Avian Influenza demonstrate inactivation rates of 99+% within 6 hours.\*

<https://www.rgf.com/product-category/air/commercial-industrial/>

Microcon® and PHI-Cell® are proven effective systems allowing for easy customization, quick installation, and provide the freedom and flexibility in planning for infection control and patient loading. For more information visit [www.rgf.com](http://www.rgf.com) or to speak with our RGF-BioControls® healthcare support team call 1-800-842-771 or email [biocontrols@rgf.com](mailto:biocontrols@rgf.com)

\*Disclaimer: PHI-Cell® QRP has not been tested on coronavirus and is not a medical device therefore no medical claims are made. Testing conducted by independent accredited labs and university.

Contact RGF-BioControls®: [biocontrols@rgf.com](mailto:biocontrols@rgf.com) / 1-800-842-7771 / [www.rgf.com/rgf-biocontrols](http://www.rgf.com/rgf-biocontrols)

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