








## Potential Healthcare Applications – RE: COVID-19

ASHRAE has published many standards and design guides for HVAC systems in the Healthcare application. These are unprecedented times that call for immediate action. The Army Corps of Engineers has prepared an emergency response plan for treatment of COVID-19 patients. The main focus of the plan is transition existing space – Hotels, College Dorms, Arenas, etc. to patient treatment rooms. This plan will require modifications to the existing HVAC system, or the construction of new HVAC systems in those spaces.

ASHRAE has recently released guidance on temporary isolation room design. The document can be found on the ASHRAE website here <https://www.ashrae.org/>. The guidance reinforces the first priority of the HVAC system is to protect the healthcare provider. They are our first line of defense. The Guidance provides alternate designs and equipment layouts.

### Temporary Patient Isolation Room Equipment

Equipment	Need	Hahn Mason Air Systems
Fans	Negative Pressure in the Space	
Dampers	Ventilation and Exhaust Airflow Control	
Controls	Additional Equipment Control and Occupied Space Monitoring	
Filtration / Neutralization	Exhaust Air may need to be Filtered or Contaminants Treated	
Duct Work / Sheet Metal	Additional Ducting may be Required	

We can help with design and application. Please contact your HMI Representative for more information.

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