



## *Design Considerations*

### **High Performance Healing and Work Environment**

- High quality indoor air and comfort for patients and staff
- Quiet, noise reduced environments
- Infection control and mitigation
- Disaster preparedness



### **Low Cost of Ownership and Operations**

- Durable, safe building systems
- Reliable systems that are cost effective and easy to maintain
- Efficient, flexible equipment that meets sustainability and budget goals



### **Minimize Construction Impact on Patients and Staff**

- On-time building occupancy
- Meet critical local and national code and certification requirements

## *Valuable Facility Design Resources*

### **Evidence-Based Design**

Center for Health Design - [www.healthdesign.org](http://www.healthdesign.org)

### **LEED for Healthcare (coming soon)**

[www.gghc.org](http://www.gghc.org)

### **Whole Building Design Guide**

National Institute of Building Sciences - [www.wbdg.org](http://www.wbdg.org)

### **Design Guide for Improving Hospital Safety**

Federal Emergency Management Agency (FEMA) - [www.FEMA.gov](http://www.FEMA.gov)

### **Healthcare Engineering**

American Society of Healthcare Engineering (ASHE) - [www.ASHE.org](http://www.ASHE.org)



Contact us for more information about ClimateCraft experience and solutions.



## *Responsible Healing and Work Environment for Patients and Staff*

- Custom flexibility to satisfy the ideal comfort control requirements of your facility
- Advanced FanMatrix™ fan array delivers industry leading sound performance for a quiet environment
  - Offers exceptional flexibility in redundant applications
- IAQ/Infection Control
  - Custom flexibility that supports the use of effective OA control, HEPA filtration, UVC lights and more
  - Stainless steel interiors and thermal break construction support ongoing system cleanliness
- ACCESS™ site assembled units turn impossible retrofits into reality
  - Factory engineered to meet your access and MER space limitations
  - Lightweight aluminum panels, factory training and site supervision
  - Lower installation costs
  - FanMatrix™ fan arrays allow fit through 3' doorways



## *Lost Cost of Ownership and Operations*

- Sustainability / Efficiency
  - Customized selections and design that provide peak performance using AMCA & AHRI Certified components
  - FanMatrix™ fan arrays that eliminate Performance-robbing v-belt drives and fan shaft bearings
  - MatrixMonitor™ packaged controls to monitor airflow, air temperature and fan performance to help maximize cost savings
- Durability / Safety
  - Industrial strength cabinet and components specifically designed for long-term performance
  - Dual air tunnels with central access/service vestibules support 24/7 system operation
  - FanMatrix™ fan arrays can provide 100% airflow capability even with the loss of a fan motor
- Reduced Maintenance
  - Direct drive FanMatrix™ fan array eliminates high maintenance belt drive systems and costly downtime
  - Gasketed panel design maintains long term performance and minimizes service cost and downtime

## *On-Time Building Occupancy*

- Engineering and product manufacturing expertise to help meet even the most challenging construction timelines
- Certified compliance with IBC seismic requirements and available with California OSHPD Seismic pre-approval
- Certified compliance for high velocity hurricane zone requirements including a Miami-Dade NOA