ClimateCraft

Custom Hospital Air Handling Systems:
Creating Responsible Healing Environments

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

LEED for Healthcare (coming soon)
www.gghc.org

Whole Building Design Guide
National Institute of Building Sciences - www.wbdg.org

Design Guide for Improving Hospital Safety
Federal Emergency Management Agency (FEMA) - www.FEMA.gov

Healthcare Engineering
American Society of Healthcare Engineering (ASHE) - www.ASHE.org

Contact us for more information about ClimateCraft experience and solutions.

ClimateCraft

518 North Indiana Avenue • Oklahoma City, OK 73106
Phone: (405) 415-9230 • Fax: (405) 415-9231
www.climatecra t.com

 BR-SL-F-112013-HealthcareFlyer REV052025

Delivering High-Performance Healthcare Facilities

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.
  - 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

ClimateCraft's fan array products allow for fans to be turned off for safety, repair, and maintenance purposes. ClimateCraft's fan array products are not designed to turn individual fans on and off for the purpose of improving fan array efficiency, and ClimateCraft does not endorse turning individual fans on and off for the purpose of improving fan array efficiency. Any statement to the contrary is not supported by ClimateCraft.