ClimateCraft®

FanMatrix™

Direct Drive Fan Array System

Children's Hospital Medical Office Building in Cincinnati, Ohio

System Features and Benefits

- Highly efficient aluminum plenum fans
- Premium efficiency, VFD compatible motors
- Suitable for operation on a single or multiple VFDs
- Welded structural steel fan assemblies are individually isolated on spring mounts and are designed to eliminate the need to use VFD lock out frequencies
- L10-250,000 hour bearings with grease fittings to maximize motor life
- Integral acoustic baffles reduce bare fan sound power levels without added air pressure drop (APD) or unit length
- Convenient davit system eases change out in case of motor failure
- N-1 fan system redundancy allows the fans to be selected to maintain the required CFM of your system with a fan failure
- Extended fan and motor sizes to maximize operating efficiency and lower cost
- Factory installed fan monitoring control system that provides ongoing fan monitoring and diagnostics and communicates with the central BMS system

To learn more about how ClimateCraft ACCESS™ site-assembled air handling units can make your system upgrade a reality and improve your building's performance and bottom line, please contact your local ClimateCraft sales office. For office locations and contact information visit our web site www.climatecraft.com.

Custom Designed Fan Solutions Systems: 2,000 to 100,000+ CFM

- Increases occupant satisfaction by improving fan system acoustic quality and by providing fan system redundancy that reduces downtime during motor replacement
- Lowers your monthly utility bills by improving fan system operating efficiency
- Avoids costly system interruption by improving system vibration quality & eliminating potentially destructive resonant frequencies
- Reduces overall cabinet length requirements, freeing valuable space for other unit functionality

Auraria Higher Education Center in Colorado

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.

ClimateCraft®

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