



ClimateCraft

Raising the Standards on Custom Air Handling Units

THE BEST FAN ARRAY SYSTEM AVAILABLE

Couple the proven benefits of our innovative, removable panel design and full thermal break construction with the exceptional benefits of the new ClimateCraft **FANMatrix™** system and take your facility to a higher level of performance.

“Not Just Another Fan In A Box”

FANMATRIX™

FANMATRIX™ Delivers

Greater Energy Efficiency

- ◆ Full Width Plenum Fans Provide Optimum Energy Efficiency
 - Selection Capability Exceeding 70% Static Efficiency
- ◆ Direct Drive Fans
 - No Drive Losses
 - No Inlet Obstruction Losses
- ◆ Premium Efficiency Motors
- ◆ VFD Fan Control
 - Single or Multiple VFD's



Superior Vibration Control provides less wear and tear on motor bearings.

Superior Vibration Control

- ◆ Finite Element Analysis Engineering Software Used to Eliminate Harmful Resonant Frequencies From Occurring Within The Fan Operating Range
 - Delivers Superior Motor Bearing Life
 - Standard Five Year Motor Warranty
- ◆ No VFD Lockout Frequencies Required
 - Improves System Control
 - Reduces System Start-up Costs
- ◆ Spring Isolation Consistent With Industry Guidelines
 - Self Adjusting 3 Point Design Cuts Start-up Costs
- ◆ Fan Structure Performs Like an "Inertia Base"

FANMATRIX™

The Best Fan Array Available

Broad Application Range

- ◆ Multiple Fan Sizes Allow Selections Tailored To Your Specific Requirements
- ◆ Fans Selected To Maximize Performance At The Lowest Life Cycle Cost
- ◆ 4,000 to 200,000 CFM Systems
- ◆ Capable Of 11" TSP
- ◆ Supply & Return Fan Applications



VFD Control Panel & Power
Distribution Panel

FANMATRIX™

Also Delivers

- ◆ Improved Acoustics
 - Quiet 12 Blade Aluminum Airfoil Plenum Fans
 - Improved Sound Profile
 - Integrated Acoustic Baffles
- ◆ Reduced Maintenance
 - No V-Belt Drives To Maintain
 - No Fan Bearings To Maintain
 - Lower Motor and Fan Weights
- ◆ Reduced Equipment Footprint
 - Reduces MER Requirements
 - Less Costly Replacement of Old Units
- ◆ Redundancy for Critical Applications



FANMATRIX™

"Not Just Another Fan In A Box"

Let ClimateCrafts breakthrough FanMatrix design provide your next project with the superior air handling system performance that you are looking for.



To learn more about the ClimateCraft FanMatrix system

contact your local ClimateCraft representative, or visit us at www.climatecraft.com.

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.

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