

Compact Air Handlers with Big Advantages



If you think ClimateCraft custom air handlers are only for the largest, most complex projects, take another look.

While you know ClimateCraft for high performance air handlers, you might be surprised to learn that ClimateCraft makes air handlers in sizes as low as 4,000 cfm. And yet, even our smaller air handler sizes are available with the industry leading features that ClimateCraft is known for.

Site-Assembled Replacement Air Handlers

The ACCESS™ replacement air handler is more than a knock-down unit. It is precisely factory engineered and built for site assembly. Units are engineered to meet not only the building performance specifications, but also the most demanding installation requirements for unit footprint.

When you have an air handler replacement project with tough challenges that could result in significant costs or missed schedules, solve those challenges with the ACCESS replacement solution from ClimateCraft.



FanMatrix Array Size Choices

Choose from our standard FanMatrix arrays or the compact version of our FanMatrix™ fan tower for the ultimate in fan performance. The compact option is available in custom air handlers up to 20,000 cfm capacity – typically where a compact footprint is most beneficial.

Now you don't need to sacrifice redundancy, flexibility or quality to meet the most demanding air handler requirements for size or weight. These compact fan towers are built by ClimateCraft with the same quality and reliability standards as the standard size FanMatrix fan arrays. In fact, they have many of the same system benefits during installation and through the life of the unit.

Key Advantages of the Compact Fan Array

- New fan tower size allows N-1 for air handlers up to 20,000 cfm
- Up to 30% less weight than our standard fan array system of comparable air flow capacity
- New fan wheel offers higher efficiencies



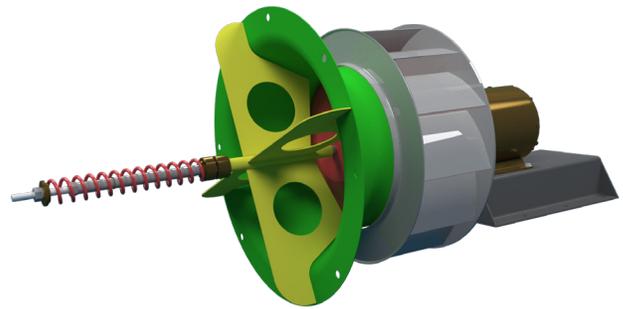
Top Ten Facts about ClimateCraft Custom Air Handlers – Any Size –

1. Gasketed and bolted design does not rely on caulking for consistent long-term performance
2. Insulation choices are 2, 3 or 4-inch insulation or injected foam
3. Pre-painted, galvanized, stainless steel or aluminum interior and exterior options
4. FanMatrix™ fan array is standard for redundancy and efficiency
5. Welded structural base or bolt-together modular panelized base options available
6. Airflow capacity ranges from 4,000 to 250,000+ cfm
7. Integrated air seals provide best-in-class low-leakage performance
8. Thermal break construction can eliminate cabinet sweating
9. IBC certification and OSHPD pre-approval are available for seismic requirements (aluminum panel construction excluded)
10. Energy recovery packages available for enhanced operating cost savings



FanMatrix™ Fan Array

Our breakthrough FanMatrix fan towers are fan arrays made even better with zero harmonic frequency design and an inertia base fan structure to reduce vibration and sound issues.



BalanceStream® Technology

BalanceStream technology for FanMatrix arrays allows stable operation down to 10% of design, prevents fan surge and requires no additional complex fan cycling control strategies to integrate into your control system.

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

