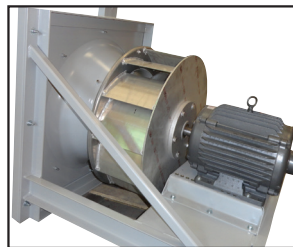


ClimateCraft BalanceStream® technology used in a FanMatrix™ fan array saves you money by operating at higher efficiencies over the entire operating range and increases your ability to run at lower loads and reduce your need for reheat in VAV applications.

BalanceStream is a spring actuated inlet cone that 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. There are no additional electro-mechanical devices to add complexity of control points or maintenance issues.

Ease of Installation and Maintenance

- Only one moving part; requires no lubrication or periodic maintenance
- Uses the standard FanMatrix wheels
- Easily retrofitted into existing FanMatrix units



Improved Efficiency, Flexibility, and Simplicity

- Provides 'Peace of Mind' by limiting potential operational problems due to oversized systems and other challenges which have not yet been identified
- Eliminates the need for backdraft dampers and provides automatic shut-off in case of a fan failure
- Reduces system instability by eliminating fan surge
- Improves overall system efficiency as it does not obstruct the fan intake; therefore, there are no associated intake losses or impact on operating BHP
- Provides operational consistency by allowing fans to maintain high efficiency over the entire operating range
- Solves part load system operational problems by:
 - Allowing fans to provide controlled static pressure at flows down to 10% of design without cycling fans
 - Allows the fans to run stably and efficiently at part load flow at elevated static pressure
 - Completely eliminating the need to cycle fans; therefore, maintaining a consistent flow profile that is potentially lost when fans are cycled off

