

STULZ

CLIMATE. CUSTOMIZED.

Retrofit & Replacement

STULZ CyberMod EC Fan Retrofit™



Easy-to-install, variable speed EC Fan Retrofit Kits replace belt driven DWDI blowers for clean, efficient upgrade to legacy mission critical air handler.

EC Fan Retrofit Kits significantly reduce data center operating costs and often qualify for utility rebates. With a fast ROI of about 2 - 4 years, EC Fan Retrofit is an ideal solution for many applications.

Extend the life, efficiency, and reliability of existing systems, including models from Liebert, Data Aire, Compu-Aire, Airflow, and ATS.

- Can be installed in or under existing CRAHs
- No changes required to the primary electric or piping
- Built-in fan redundancy
- Quiet operation (low vibration, no inverter whine)
- Provides superior air distribution
- Low maintenance (no belts to adjust, no belt dust, no greasing)
- 2 and 3 fan configurations available
- EC Fans operate at lower speeds, lower energy, even airflow
- EC Fans produce less motor heat, therefore providing higher net cooling capacity

STULZ Replacement CRAH™



STULZ Replacement CRAHs are high capacity, direct drop-in, chilled water units with modern EC Fans. They replace inefficient legacy units with belt-driven fans and provide instant energy savings and improved performance. Increase cooling capacity and achieve significant energy savings without redesigning your data center.

STULZ Replacement CRAHs provide energy saving advantages of up to 40%*, simply by replacing the CRAH. Additional energy savings of 50%* and beyond can be achieved using advanced controls.

- State-of-the-art E^2 Microprocessor with a range of BMS interface options
- No modification to existing piping mains, primary electric, or floorstand
- Increased flow rates at maximum fan speed
- EC Fans produce less motor heat, therefore providing higher net cooling capacity
- EC Fans operate at lower speeds, lower energy, even air flow
- EC Fans provide optimized under-floor pressure and balanced air flow
- Fast ROI; qualifies for utility rebates
- Lowers maintenance costs

Applies to:

- Liebert FH 422C
- Liebert FH 529C
- Liebert FH 600C
- Liebert FH 740C

*Savings estimate is derived from actual performance test results of (1) STULZ CCD-1805 CWE-LR vs. (1) Liebert model FH740C, at 16,500 cfm, against 0.3" of external static pressure. Results may vary.

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