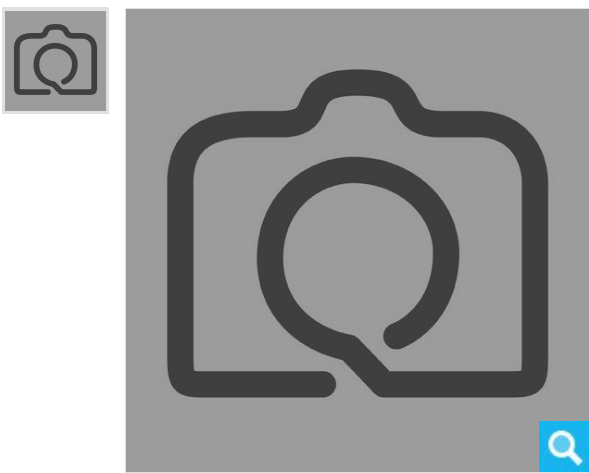


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SCCR STANDARD TD F3 230V (D) UNIFLAIR LE

0H-1456

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Uniflair LE Features & Benefits

Availability

| | |
|--|--|
| Direct drive motors | Stress on bearings is nearly eliminated, increasing useful life. Allows integral fan/motor assembly to be factory balanced, which lowers vibration and expedites startup. |
| Multi-functional Microprocessor Controller | Allows the units to restart after a power failure without intervention; Allows for room level redundancy with up to ten units operating in a group; User friendly navigation with icon based displays to indicate mode of operation as well as room conditions; Allows for communication with multiple Building Management System protocols. |
| Redundant Components | Single points of failure in the system have redundant components to maintain availability and reliability. |
| Electronic expansion valve | Refrigerant flow optimization at any load and temperature conditions. Continuous indirect refrigerant charge monitoring |
| Active response control | Monitors and actively adjusts cooling capacity to ensure proper server inlet temperatures. Through the microprocessor controller, visibility into the operation and status of the unit is provided. |

Energy Management

| | |
|---------------------------------------|---|
| Local area network | Creates a shared control between all the available resources for maximum energy efficiency and controlled management of the group during emergency situations |
| Building Management Systems | Units are designed to work with the most common BMS systems including BACnet and Modbus. |
| Automatic Floor Pressurization System | Ensures stable airflow pressurization under floor regardless of changes made above the floor |
| Network interface | Provides management by connecting the device directly to the network with a dedicated IP address, avoiding the need for a proxy such as a server. Management is available via Web browser, Telnet or SSH. Notification features inform you of problems as they occur. |

Serviceability

| | |
|---------------------|--|
| Operational Service | Allows critical components to be maintained/replaced while the system is in operation. |
| Easy service access | Allows for all serviceable components to be replaced/maintained by easily accessible panels/doors. |
| Service monitoring | All the monitoring devices on board the unit allow for preventive maintenance and a check of the working condition of the system while its in operation. |

Total Cost of Ownership

| | |
|---------------|---|
| Economization | Achieved by utilizing cool ambient air during winter months to take advantage of economizer hours and eliminating |
|---------------|---|

compressor operation.

| | |
|--------------------------------|--|
| Modular strategy | Modular design of the mechanical and control systems allow for gradual build-up of the cooling infrastructure to match the cooling demand of the facility. This greatly reduces CAPEX expenditures and provides deferred investment throughout the life of the facility. |
| Tandem compressors | Quiet and efficient operation of compressors, connected on a common refrigerant circuit for staged capacity control (not available for some models/configuration) |
| Optimized management | Connection between the Computer Room Air Conditioners and the chillers guarantees energy efficiency, based on real instantaneous load conditions (optional) |
| Electronically Commutated Fans | Provide the highest efficiency and reduce total power consumption by matching the airflow requirements to the heat load of the data center. |



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