

CyberTWO™

with EC Fan Technology

Dual-Circuit Floor Mounted Precision Air Conditioners



From 6 to 30 Tons

- DX- Air, Water, Glycol Cooled, Free Cooling & Alternate Water Source Systems
- Dual DX circuit design with high efficiency scroll compressors
- Up-Flow & Down-Flow Air Patterns
- Energy Saving EC Fan



EC Fan Technology

- High efficiency & energy savings
- Long and maintenance-free operating life - direct drive technology
- Smooth air path and noise absorbing insulation reduces sound levels
- Anti-vibration mounting
- Visit www.stulz-ats.com for all the advantages



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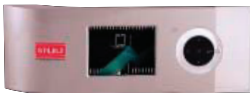
Nominal Performance Data (NET COOLING CAPACITY - BTU/H @ EAT = 75°FDB/62.5°FWB, 50% RH)

Air Cooled DX	Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-300	VFS-360
Total		78,343	92,981	104,554	166,792	219,633	262,359	321,664
Sensible		78,343	91,037	103,107	166,792	205,223	227,248	309,330
Water Cooled DX	Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-300	VFS-360
Total		86,288	103,875	116,837	184,888	244,099	294,650	358,319
Sensible		83,130	97,116	109,399	179,212	211,890	234,764	324,300
Glycol Cooled DX	Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-300	VFS-360
Total		75,988	90,070	101,231	161,590	212,923	253,730	311,362
Sensible		75,988	89,449	101,116	161,590	202,597	225,254	305,304

* for free-cooling and alternate water source models please refer to the VFS w/EC Engineering Manual

Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-300	VFS-360
Electric Heat							
BTU/H (Kw)	34,220 (10)	51,330 (15)	51,330 (15)	51,330 (15)	68,440 (20)	85,550 (25)	102,660 (30)
Humidification Type - Electrode Steam Canister Humidifier with Adjustable Output							
Lbs/Hr (kW input)	4-15 (5.1)	4-15 (5.1)	4-15 (5.1)	4-15 (5.1)	4-15 (5.1)	4-15 (5.1)	4-25 (8.5)
Evaporator Blower/Motor							
Horsepower (Qty)	4.1 (1)	4.1 (1)	4.1 (1)	4.1 (2)	4.1 (2)	4.1 (2)	4.1 (3)
CFM @ ext. static pressure	4,500 @ 0.5"	5,000 @ 0.5"	5,650 @ 0.5"	9,800 @ 0.5"	10,500 @ 0.5"	11,000 @ 0.5"	15,000 @ 0.5"
Physical Data							
Dimensions (H"xW"xD")	76x82x37	76x82x37	76x82x37	76x98.5x37	76x98.5x37	76x98.5x37	76x128x37

Microprocessor Controls



The E² Series advanced microprocessor based controller continually monitors outside air conditions and maintains proper compressor and reheat operation, utilizing SATS' unique predictive control method.

The controller logically examines both temperature and relative humidity and determines the proper control of cooling, heating, and dehumidification. The controller can be fine-tuned for each specific application, resulting in higher operational efficiency and shorter component run-times.

Steam Humidification

The electrode steam canister humidifier is available with all systems. Manually adjusted On/Off and optional proportional steam humidifiers are available.



Dehumidification Mode

Dehumidification mode with electric reheat is standard.

Optional methods of dehumidification:

- Hot Gas Reheat
- Hot Water or Steam Reheat/Heat
- SCR Fired Electric Reheat/Heat

Microprocessor Controls

- Standard Dual Compressor Systems
- Hot Gas Bypass Systems

Year Round Operation

CyberTWO A/C's allow for year round, 24/7 A/C operation in any environment in the world.

High Efficiency/Quiet Operation

Low sound power Scroll compressors coupled with low RPM blowers, acoustically lined cabinets and low velocity grilles provide the optimum in quiet operation.

