



## CyberTWO™ with EC Fan Technology

Dual-Circuit Floor Mounted Precision Air Conditioners

6 - 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
- Direct driven, single inlet, two-fold backward curved radial fan with an electronically commutated (EC) motor

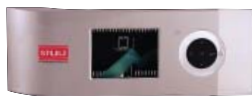


**STULZ**  
Air Technology Systems, Inc.

# CyberTWO™ with EC Fan Technology

"VFS" Model	072	096	120	180	240	300	360
NET DX COOLING CAPACITY - BTU/H, (includes standard DX evaporator motor heat @ std CFM & e.s.p. ratings)							
75°FDB/62.5°FWB, 50% RH							
<b>Air Cooled</b>							
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
<b>Water Cooled</b>							
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
<b>Glycol Cooled</b>							
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
<b>Glycol Cooled with Free Cooling</b>							
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
<b>Water Cooled with Free Cooling</b>							
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
<b>A/W/G with Alternate Water Source</b>							
Total	93,005	97,853	103,577	156,130	157,530	159,870	265,365
Sensible	84,345	91,649	100,835	156,130	157,530	159,870	259,229
Reheat/Heat - Performance Capacities Do Not Include Motor Heat							
ELECTRIC REHEAT / HEAT - Finned Tubular Heaters, (Standard)							
Total Heater Kw Rating @ 460-3-60	10.02 Kw	15.03 Kw	15.03 Kw	15.03 Kw	20.04 Kw	20.05 Kw	30.06 Kw
Total BTU/H	34,220	51,330	51,330	51,330	68,440	85,550	102,660
No. of Stages	2-Stages	2-Stages	2-Stages	2-Stages	2-Stages	2-Stages	3-Stages

## Microprocessor Controls



The E<sup>2</sup> Series advanced microprocessor based controller

continually monitors outside air conditions and maintains proper compressor and reheat operation, utilizing STULZ-ATS' unique 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.



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

## 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

## High Efficiency/Quiet

## Capacity Modulation Options

- Standard Dual Compressor Systems
- Hot Gas Bypass Systems

## Year Round Operation

Allow for year round, 24/7 A/C operation in any environment in the world.