

CyberTWO™

Floor Mounted Precision Air Conditioners

From 6 to 26 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
- 100% Front Accessible



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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-312
	Total	70,915	97,935	122,825	178,650	243,655	287,260
Sensible	67,020	92,500	111,200	162,150	211,980	250,390	
Water Cooled DX	Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-312
	Total	78,245	107,525	134,380	194,200	266,500	313,200
Sensible	70,325	97,990	117,420	170,840	223,315	262,975	
Glycol Cooled DX	Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-312
	Total	69,610	95,490	119,725	174,540	237,750	280,370
Sensible	65,460	91,030	109,440	159,760	208,890	246,790	
Model		VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-312
Electric Heat							
BTUH (Kw)		38,970 (11.4)	57,680 (16.9)	60,750 (17.8)	66,900 (19.6)	84,000 (24.6)	108,000 (31.6)
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)
Evaporator Blower/Motor							
Horsepower (Qty)		1.5 (1)	2 (1)	3 (1)	5 (1)	5 (1)	7.5 (1)
CFM @ ext. static pressure 3,750 @ 0.5"		5,000 @ 0.5"	5,750 @ 0.5"	8,750 @ 0.5"	10,250 @ 0.5"	12,300 @ 0.5"	
Physical Data							
Dimensions (H" x W" x D")		76x72x33	76x72x33	76x72x33	76x90x33	76x102x33	76x102x33
Approx. Weight (lbs)		1,025	1,125	1,170	1,455	1,615	1,740

Microprocessor Controls

Precision temperature and humidity control with unrivaled, user friendly C6000 series controls, offer a wide range of functions and alarms. It incorporates a "menu-driven" operating environment, to allow easy system setup and operation.



The C6000 available alarms:

- High Temperature
- Low Temperature
- High Humidity
- Low Humidity
- Comm. Failure
- High Head Press.
- Low Suction Press.
- Dirty Filter
- Loss of Air Flow
- Firestat
- Smoke Detection
- Leak Detection
- Sensor Failure

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

Capacity Modulation Options

- Standard Dual Compressor Systems
- Hot Gas Bypass Systems

Year Round Operation

Option offerings available 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.



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Specifications are subject to change without notice.

