

CyberTWO™

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
- 100% Front Accessible
- EC Fan



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

	Model	VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-312	VFS-360
Air Cooled DX	Total	70,915	97,935	122,825	185,450	241,420	287,260	323,500
	Sensible	67,020	92,500	111,200	173,650	215,410	250,390	279,450
Water Cooled DX	Total	78,245	107,525	134,380	194,200	266,500	313,200	356,700
	Sensible	70,325	97,990	117,420	170,840	223,315	262,975	292,050
Glycol Cooled DX	Total	69,610	95,490	119,725	174,540	237,750	280,370	314,500
	Sensible	65,460	91,030	109,440	159,760	208,890	246,790	276,300
Model		VFS-072	VFS-096	VFS-120	VFS-180	VFS-240	VFS-312	VFS-360
Electric Heat								
BTUH (Kw)		34,150 (10)	51,225 (15)	51,225 (15)	51,225 (15)	68,300 (20)	85,375 (25)	102,450 (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)	5-25 (8.5)
Evaporator Blower/Motor								
Horsepower (Qty)		1.5 (1)	2 (1)	3 (1)	5 (1)	5 (1)	7.5 (1)	4.2 (3)
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"	15,000 @ 0.5"
Physical Data								
Dimensions (H"xW"xD")		76x72x33	76x72x33	76x72x33	76x90x33	76x102x33	76x102x33	76x126x37
Approx. Weight (lbs)		1,025	1,125	1,170	1,455	1,615	1,740	2,600

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.



Steam Humidification

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



Capacity Modulation Options

- 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.

EC Fan (available on VFS-360 only)



- High efficiency - energy savings up to 30%
- Long and maintenance-free operating life-direct drive technology
- Smooth air path and noise absorbing insulation reduces sound levels
- Anti-vibration-mounting

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 Operation

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

