

CyberONE™

Floor Mounted Precision Air Conditioners

From 2 to 10 Tons

- DX- Air, Water, Glycol Cooled, Free Cooling & Alternate Water Source Systems
- SINGLE 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	COS-024	COS-042	COS-060	COS-096	COS-120
	Total	24,910	47,075	59,910	94,780	122,255
Sensible	20,430	39,290	50,220	84,040	101,700	

Water Cooled DX	Model	COS-024	COS-042	COS-060	COS-096	COS-120
	Total	26,570	50,490	64,270	101,270	130,860
Sensible	21,095	40,595	51,770	86,510	104,910	

Glycol Cooled DX	Model	COS-024	COS-042	COS-060	COS-096	COS-120
	Total	23,705	44,885	56,820	89,900	116,300
Sensible	19,900	38,400	49,000	82,225	99,300	

Model	COS-024	COS-042	COS-060	COS-096	COS-120
Electric Heat					
BTUH (Kw)	18,100 (5.3)	39,950 (11.7)	42,040 (12.3)	45,135 (13.2)	45,135 (13.2)
Humidification Type - Electrode Steam Canister Humidifier with Adjustable Output					
Lbs/Hr (kW input)	2-5 (1.7)	4-10 (3.4)	4-10 (3.4)	4-15 (5.1)	4-15 (5.1)
Evaporator Blower/Motor					
Horsepower	1/2	1	1.5	3	3
CFM @ ext. static pressure	900 @ 0.5"	1800 @ 0.5"	2500 @ 0.5"	4200 @ 0.5"	4800 @ 0.5"
Physical Data					
Dim. - Upflow (H" x W" x D")	76x31x30	76x31x30	76x31x30	76x39x34	76x39x34
Dim. - Downflow (H" x W" x D")	82x31x30	82x31x30	82x31x30	82x39x34	82x39x34
Approx. Weight (lbs)	495	520	520	800	810

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 setup and operation.



The C6000 available alarms:

- High Temperature
- Low Temperature
- High Humidity
- Low Humidity
- High Head Press.
- Low Suction Press.
- Comm. Failure
- 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

- Hot Gas Bypass Systems
- Modulating (0-10 Vdc) CW Valves

Compact Design

The compact footprints allow for ease of rigging and can be easily tucked into a corner or between cabinetry.

Year Round Operation

Option offerings available CyberONE A/Cs 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 blower design and acoustically lined cabinets provide the optimum in quiet operation.

