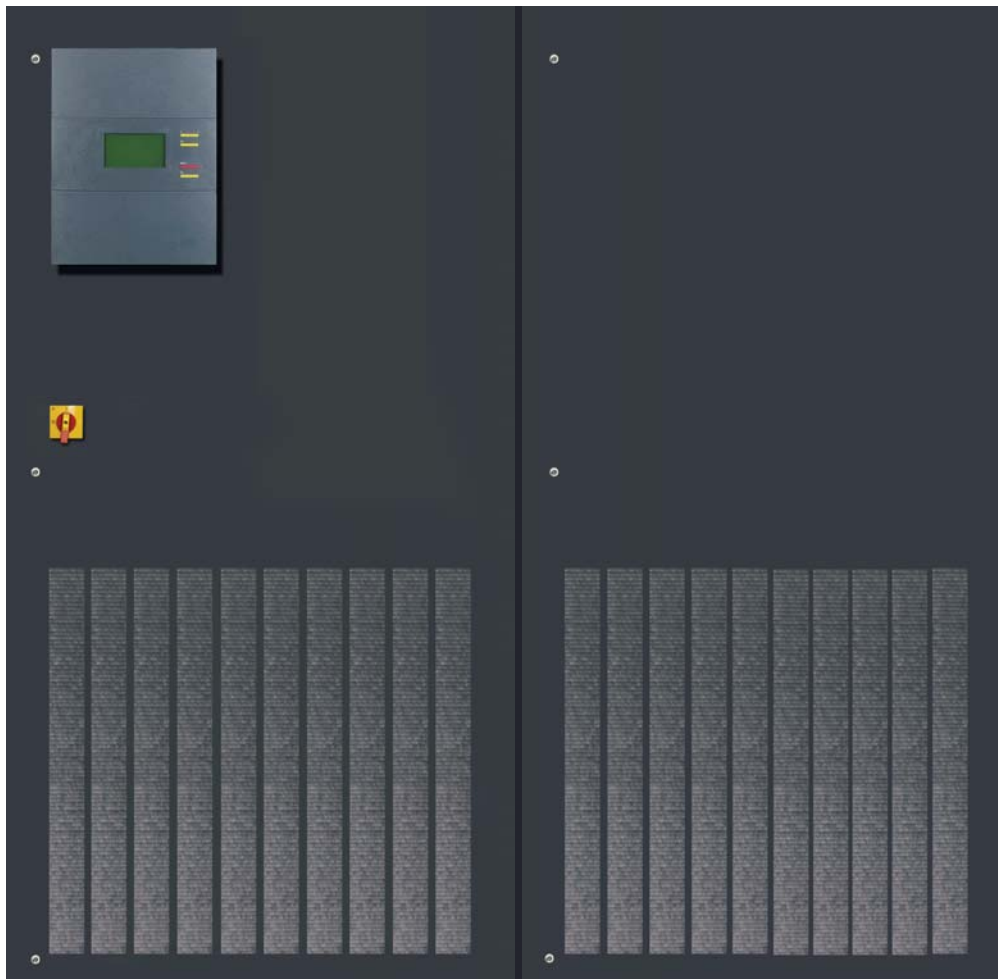


# ModulAiR™

## Floor Mounted Precision Air Conditioners

From 7 to 20 Tons

- DX- Air, Water, Glycol Cooled
- Dual DX Circuit Design with High Efficiency Scroll Compressors
- Modular Design Permits Ease of Installation & Rigging
- Up-Flow & Down Flow Air Patterns
- 100% Front Accessible



# ModulAiR™

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

Air Cooled DX	Model	MCS-084	MCS-120	MCS-192	MCS-240
Total		94,150	119,820	189,560	244,510
Sensible		78,580	100,440	168,080	203,400
Water Cooled DX	Model	MCS-084	MCS-120	MCS-192	MCS-240
Total		100,980	128,540	202,540	261,720
Sensible		81,190	103,540	173,020	209,820
Glycol Cooled DX	Model	MCS-084	MCS-120	MCS-192	MCS-240
Total		89,770	113,640	179,800	232,600
Sensible		76,800	98,000	164,450	198,600

Model	MCS-084	MCS-120	MCS-192	MCS-240
<b>Electric Heat</b>				
BTUH (Kw)	39,560 (10.02)	43,740 (10.02)	53,710 (10.02)	53,710 (10.02)
<b>Humidification Type - Electrode Steam Canister Humidifier with Adjustable Output</b>				
Lbs/Hr (kW input)	4-10 (3.4)	4-10 (3.4)	4-15 (5.1)	4-15 (5.1)
<b>Evaporator Blower/Motor</b>				
Horsepower (Qty)	1 (2)	1.5 (2)	3 (2)	3 (2)
CFM @ ext. static pressure	3,600 @ 0.5"	5,000 @ 0.5"	8,400 @ 0.5"	9,600 @ 0.5"
<b>Physical Data</b>				
Dimensions - Upflow (H"xW"xD")	76x62x30	76x62x30	76x79x34	76x79x34
Dimensions - Downflow (H"xW"xD")	82x62x30	82x62x30	82x79x34	82x79x34
Approx. Weight (lbs)	990	1040	1600	1620

### 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

- Standard Dual Compressor Systems
- Hot Gas Bypass Systems

### Year Round Operation

Option offerings available on ModulAiR 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 blower design and acoustically lined cabinets provide the optimum in quiet operation.

