

# CeilAir®

## Ceiling Mounted Supplemental Air Conditioners

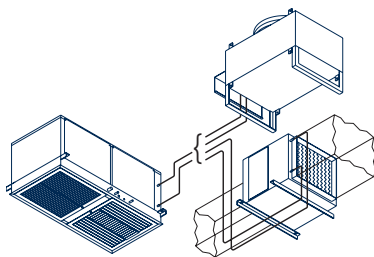
From 1 to 10 Tons

- DX- Air, Water, or Glycol Cooled
- Free-Cooling or Alternate Water Source
- Chilled Water

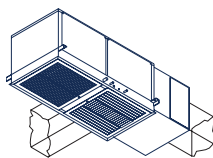


### **Total Environmental Control**

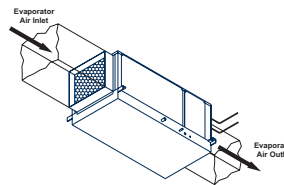
Temperature • Humidity • Air Filtration



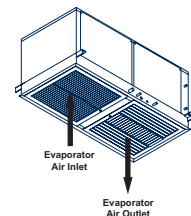
Split Systems



Self-Contained  
Systems



“Ducted” Systems



“Ductless”  
Spot Coolers

# CeilAiR®

## Nominal Performance Data (NET COOLING CAPACITY - BTU/H @ EAT = 80°FDB/67°FWB, 50% RH)

|                      | "OHS" SINGLE Compressor Systems                                       |         |            |            |            |            |            | "OHS" DUAL Compressor Systems |             |             |             |             |
|----------------------|---|---------|------------|------------|------------|------------|------------|-------------------------------|-------------|-------------|-------------|-------------|
|                      | Model   | 012-A-0 | 018-A-0    | 024-A-0    | 032-A-0    | 040-A-0    | 048-A-0    | 060-A-0                       | 048-DA      | 072-DA      | 084-DA      | 120-DA      |
| AIR COOLED DX        | Total   | 13,985  | 19,465     | 25,740     | 32,770     | 35,800     | 59,970     | 65,975                        | 53,740      | 73,870      | 92,065      | 130,435     |
|                      | Sensible  | 10,585  | 15,235     | 19,470     | 23,430     | 27,950     | 47,685     | 52,435                        | 40,860      | 62,110      | 71,070      | 98,030      |
| WATER COOLED DX      | "OHS" SINGLE Compressor Systems                                       |         |            |            |            |            |            | "OHS" DUAL Compressor Systems |             |             |             |             |
|                      | Model   | 012-W   | 018-W      | 024-W      | 032-W      | 040-W      | 048-W      | 060-W                         | 048-DW      | 072-DW      | 084-DW      | 120-DW      |
| WATER COOLED DX      | Total   | 16,394  | 21,125     | 27,990     | 35,550     | 39,115     | 64,250     | 70,665                        | 57,200      | 79,165      | 98,760      | 139,210     |
|                      | Sensible  | 11,675  | 16,000     | 20,455     | 24,575     | 29,500     | 49,240     | 54,100                        | 42,320      | 63,770      | 73,735      | 101,715     |
| GLYCOL COOLED DX     | "OHS" SINGLE Compressor Systems                                       |         |            |            |            |            |            | "OHS" DUAL Compressor Systems |             |             |             |             |
|                      | Model   | 012-G   | 018-G      | 024-G      | 032-G      | 040-G      | 048-G      | 060-G                         | 048-DG      | 072-DG      | 084-DG      | 120-DG      |
| GLYCOL COOLED DX     | Total   | 13,390  | 18,960     | 25,090     | 32,000     | 34,910     | 57,150     | 62,670                        | 51,260      | 70,230      | 87,445      | 123,970     |
|                      | Sensible  | 10,435  | 15,060     | 19,160     | 23,085     | 27,500     | 46,565     | 51,120                        | 39,730      | 61,010      | 69,465      | 95,280      |
| CHILLED WATER SYSTEM | "OHS" Chilled Water Systems (NET COOLING CAPACITY - BTU/H @ 45°F EWT) |         |            |            |            |            |            |                               |             |             |             |             |
|                      | Model   | 012-C   | 018-C      | 024-C      | 032-C      | 040-C      | 048-C      | 060-C                         | 072-C       | 084-C       | 120-C       |             |
|                      | Total   |         | 21,200     | 29,050     | 33,090     | 38,030     | 48,680     | 77,350                        | 84,830      | 125,560     | 135,080     | 154,030     |
|                      | Sensible  |         | 14,560     | 20,520     | 23,770     | 27,430     | 36,100     | 56,410                        | 62,390      | 87,010      | 94,600      | 112,150     |
|                      | GPM/(Pd.Ft.)  |         | 4.3/(11.2) | 5.8/(19.8) | 6.6/(25.1) | 7.6/(13.6) | 9.7/(21.5) | 15.5/(10.7)                   | 17.1/(12.7) | 25.2/(27.5) | 27.1/(31.5) | 31.0/(10.7) |

### Microprocessor Controls



Precision temperature and/or humidity control with unrivaled, user-friendly *A-Tech-()* and *C-Tech ()* Series Controls, offer a wide range of functions and alarms.

### Complete Temperature & Humidity Control

- Optional Steam Canister Humidification
- Optional Dehumidification Mode with
  - Electric Reheat/Heat
  - Hot Gas Reheat
  - Hot Water or Steam Reheat/Heat
  - SCR Fired Electric Reheat/Heat



### Year Round Operation

Option offerings available with *CeilAiR* A/C's allow for year-round, 24 hrs-a-day 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.



Scroll Compressors

### Capacity Modulating Options

- Single & Dual Compressor Systems
- Hot Gas Bypass Systems

### Fast Delivery

- Stock units ready for shipment
- "Rapid-Fire", 5 Day Ship Program

### Other Available Options

- Condensate Pumps
- Water Leak Detectors
- Electrical Service Switches
- Firestats
- Smoke Detectors
- Special High Efficiency Filtration (2" & 4" Filters up-to 95% Eff.)
- High Pressure DX - Water/Glycol Cooled Condenser Regulating Valves
- Free-Cooling Systems
- Alternate Water Source Systems
- Drycoolers & Pump Packages

... Many more options available !

### Code/UL Conformance



- NYC MEA Approved (MEA-163-88-E)
- Chicago Code Approved