

CM

Computer Room Air Conditioning

 **CLIMA
PROCESSOR**

Close Control Air Conditioners COMPACT UNIT



CM CLIMA PROCESSOR is a **compact Close Control** air conditioning unit.

Designed for technical application like computers rooms, data centers, digital telephone exchangers, switch rooms, weather stations, museums, medical laboratories, diagnostic scanners as well as any other application with sensible heat to be dissipated.

Design criteria is to **minimize the footprint** and assure **full frontal access** for easy inspection and service.

Available with **UP** or **DOWN** flow version with a **complete range of accessories**.

Reduced noise level and fined tuned regulation by using scroll compressors and last generation of the **EC plug-in radial fans**.

Available with **BLDC Compressor**.

Customized solution available on request.



- Painted galvanized steel cabinet
- EC "Plug-in" centrifugal fan backward blades
- Microprocessor control with LCD end user interface
- Scroll or rotary compressor
- R410A refrigerant
- EU 4 Air Filter
- Full front inspection
- Condensate fan speed control

Options:

- Re-heating systems: electric, hot gas
- Humidity and de-humidity systems
- High ESP fans
- Touch screen
- RS485 card: Modbus, Ethernet, LON, BACnet
- Alarms: Water, Filter, Fire/Smoke
- Fresh air intake
- Free cooling plenum
- Air delivery plenum
- Adjustable basement
- Air filters F5, F7
- Special coils
- Sandwich panels
- Low noise insulation
- Special color
- R134a or R407C refrigerant
- Customized solution on demand

SIZE						
		M011	M021	M031	M041	M051
Total Capacity(1)	kW	7	9.3	11.5	14.1	16.8
Sensible Capacity(1)	kW	6.8	7.8	10.8	12	14.9
Total Capacity(2)	kW	8.5	9.7	12.9	15.5	17.6
Sensible Capacity(2)	kW	8.3	9	12.5	14.7	16.9
Air Inlet condition	°C	22-30				
Internal humidity	%	30-80				
Max external conditions	°C	48				
Total Air Flow	m3/h	2 000	2 000	3 000	3 000	3 600
Condenser air flow	m3/h	3 000	3 000	5 000	5 000	5 700
Sound Pressure Level	dB(A)	56	56	60	60	64
Length	mm	650	650	850	850	850
Width	mm	670				
Height	mm	1980				

(1) Room air conditions 27°C, 47%RH, Outdoor air temperature 35°C, Condensing temperature 52°C

(2) Room air conditions 30°C, 45%RH, Outdoor air temperature 35°C, Condensing temperature 52°C