

CA/CW

Computer Room Air Conditioning



Close Control Air Conditioners DIRECT EXPANSION



CA/CW CLIMA PROCESSOR is a **direct expansion Close Control** air conditioning unit, **AIR** or **WATER** condensed.

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.

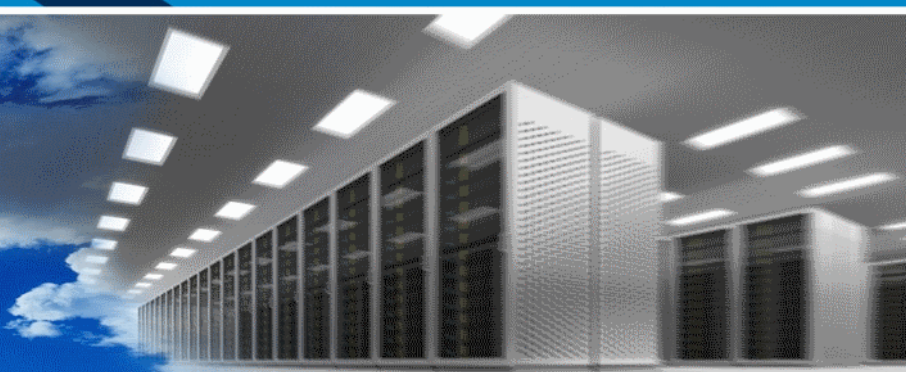
Design criteria is to **minimize** the **footprint** and assure **full frontal access** for easy inspection and service.

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**.

Customized solution available on request.

CA/CW



- 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
- Condensation: water cooled, remote air cooled

Options:

- Re-heating systems: hot water, electric, hot gas
- Humidity and dehumidify systems
- High ESP fans
- RS485 card: Modbus, Ethernet, LON, BACnet
- Alarms: Water, Filter, Fire/Smoke
- Dampers: not return, insulation
- Fresh air intake
- Free cooling plenum
- Air delivery plenum
- Adjustable basement
- Air filters F5, F7
- Special coils
- Sandwich panels
- Low noise insulation
- Special colour
- R134a or R407C refrigerants
- Customized solution on demand

		SIZE																					
		S011	S021	M031	M041	M051	M061	M071	M081	M082	M101	M102	M111	M121	M122	L142	L151	L162	L202	L222	L242	L302	
CW																							
Total Capacity	kW	5.9	8.7	12.7	15	18.3	21.4	25.6	28.5	31	31.9	36.4	38.9	40.9	42.8	49.9	56.1	55.5	64.2	72.1	79.6	107.8	
Sensible Capacity	kW	5.8	8.3	11.6	12.3	17.1	18.4	24.4	25.1	26.1	31.6	33.7	34.7	39	39.8	46.2	48.6	48.3	55.3	58.6	64.8	80.2	
CA																							
Total Capacity	kW	5.4	8.1	10.8	13.2	15.9	18.8	22.1	25.7	27.7	29.2	31.5	34.9	35.8	36.4	42.6	48.6	50.2	58.9	65.2	72.2	95.2	
Sensible Capacity	kW	5.4	8.1	10.8	11.8	15.7	17.3	21.9	24.0	24.8	29.0	31.2	33.1	35.5	36.1	42.3	45.6	46.2	53.2	55.7	61.8	74.8	
CA/CW																							
Total Air Flow	m3/h	2000	2300	3000	3000	4500	4500	6500	6300	6300	9000	9000	9000	10500	10.500	12000	12000	12000	13600	13600	15100	16700	
Sound Pressure Level	dB(A)	46	47	49	49	51	51	52	52	53	54	56	55	56	57	59	59	60	62	63	63	65	
Length	mm	650	850	650	650	850	850	1236	1236	1236	1436	1436	1436	1636	1636	1856	1856	1856	2056	2056	2258	2456	
Width	mm	470		670								1980						870					
Height	mm																						

Room air conditions 24°C, 50%RH, Outdoor air temperature 32°C, Condensing temperature 48°C, Water temperature +30/35°C

