

CA/W

Computer Room Air Conditioning

 **CLIMA
PROCESSOR**

Close Control Air Conditioners DIRECT EXPANSION



CA/W CLIMA PROCESSOR is a **direct expansion Close Control** air conditioning air or water condensed.

Designed for technical application like computers rooms, data centers, digital telephone exchangers, switch rooms, weather stations, museum, medical laboratories, CAT and MR scanners as well as any other application with sensible heat to be dissipated without effecting on the relative humidity.

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**.

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- Painted galvanized steel cabinet
- EC "Plug-in" centrifugal fan backward blades
- Microprocessor control with LCD end user interface
- Scroll Hermetic Compressor in separate hood
- R410A refrigerant
- EU 4 Air Filter
- Full front inspection
- Condensation: water cooled, remote air cooled

Accessories:

- Re-heating systems: hot water, electric, hot gas
- Humidity and dehumidity systems
- Advanced microprocessor
- High ESP fans
- RS485 card: Modbus, Ethernet, LON, BACnet
- Alarms: Water, Filter, Fire, Smoke
- Dampers: not return, insulation
- Fresh air intake
- Air delivery plenum
- Adjustable basement
- Air filters F5, F7
- Special coils
- Sandwich panels
- Low noise insulation
- Special colour
- R134a refrigerant
- 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
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
Total Air Flow	m³/h	2.000	2.300	3.000	3.000	4.500	4.500	6.500	6.300	6.300	9.000	9.000	9.000	10.500	10.500	12.000	12.000	12.000	13.600	13.600	15.100	16.700
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
Lenght	mm	650	850	650	650	850	850	1236	1236	1236	1436	1436	1436	1636	1636	1856	1856	1856	2056	2056	2256	2456
Width	mm	470				670										870						
Height	mm	1980																				

Room air conditions 24°C 50%RH, Outdoor air temperature 32°C



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