



Precision Air Conditioning

 **CLIMA  
PROCESSOR**

Close Control Air Conditioners

## COMPACT UNIT for TECHNICAL SHELTER



**CK CLIMA PROCESSOR** is a **compact direct expansion Close Control** air conditioning unit for outdoor installation.

Designed for battery storage, energy converters and telecommunication shelters, considering outdoor application and specific features of this application like low voltage supply and the needs to dissipate only sensible load.

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

Available with free-cooling function and 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**.

**BLDC inverter compressor** version available

**Extreme summer** working condition (+55°C)

**Customized solution** available on request.

# CK



- Painted steel or aluminium frame with sandwich panels
- 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

**Options:**

- Re-heating electric system
- Free-cooling system (also 48Vdc)
- Touch Screen
- High ESP fans
- High external temperature version
- Continuous fan speed regulation
- RS485 card: Modbus, Ethernet, LON, BACnet
- Alarms: Water, Filter, Fire/Smoke
- Fresh air intake
- Air filters F5, F7
- Special coils
- BLDC compressors
- Low noise insulation
- 48Vdc supply
- Other refrigerants (e.g. R134a or R32)
- Customized solution on demand

SIZE					
		CK03-DC	CK06-AC	CK12-AC	CK16-AQC
Total Cooling Capacity	kW	3,3	6	13	16,8
Sensible Capacity	kW	1,7	3,5	12,2	14
Air Flow	m <sup>3</sup> /h	1000	1400	2700	2900
Electrical supply	V/ph/Hz	48 Vdc	230/3/50	230/3/50	230/3/50
Sound Pressure Level	dB(A)	60	65	65	65
Length	mm	550	550	660	660
Width	mm	900	900	1000	1000
Height	mm	1250	1250	1700	1980

Room air conditions 27°C, 50%RH, Outdoor air temperature 35°C, 50%RH



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