



An Easy Choice for an Easy Management



Good reasons for choosing an EV CHIL solution

- › It runs chillers with 1 circuit / 2 compressors
- › It runs chillers with 2 circuits or 1 circuit / 6 compressors (through an I/O expansion)
- › It has 2 triac outputs for the direct control of fan speed and for the management of external SSRs
- › The application software is ready to use
- › It manages on-off/modulating compressors and fans
- › It is available in 12 VAC or 115... 230 VAC power supply
- › The stylish user interface fits in any design environment

Good reasons for choosing a c-pro 3 CHIL solution

- › It runs chillers / HP with 2 circuits / 3 compressors
- › It meets any control requirement thanks to large numbers (further expandable) of I/Os
- › It has highly configurable I/Os
- › It manages on-off and modulating fans
- › It manages the pump-down valve, the free-cooling and weekly programs
- › The efficiency is increased thanks to an integrated management of bipolar stepper EEVs
- › The variety of ports and supported protocols promotes the integration into BMS

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Embrace the Air Revolution

Controllers for
Chillers





All the answers to your needs

EVCO develops innovative technologies with specific focus on design end ease of use to help customers monitor and control HVAC/R applications.

Our mission is to offer control solutions that keep comfortable and healthy environments while significantly saving on energy and maintenance costs. Reducing energy costs won't do much good if it comes at the expense of your systems' performance and your occupants' comfort.

Greater Control. Further Flexibility. Higher Connectivity.

- › Controllers with or without display
- › I/O and driver expansion modules
- › Ready-to-use application software
- › Remote visualization with different user interfaces
- › Suitable to small or large units
- › Highly configurable I/Os

EV CHIL solution

Controllers for single-circuit air-water and water-water chillers with up to 6 compressors

CONTROLLERS



EVD CHIL

- › Blind or built-in LED display
- › 115... 230 VAC power supply
- › 17 I/Os
- › INTRABUS and RS-485 MODBUS ports
- › RTC

EV3 CHIL

- › Built-in LED display
- › 12 VAC power supply
- › 16 or 18 I/Os
- › INTRABUS and RS-485 MODBUS ports
- › RTC
- › Alarm buzzer

REMOTE USER INTERFACES



EVJ LCD

- › 2-row LCD display
- › 12 VAC/DC or 115... 230 VAC power supply
- › INTRABUS or RS-485 port
- › Alarm buzzer

EV3K11

- › 2-row LED display
- › 12 VAC power supply
- › INTRABUS port
- › Alarm buzzer

c-pro 3 CHIL solution

Controllers for single- and dual-circuit air-water and water-water chillers/heat pumps with up to 3 compressors for each circuit

CONTROLLERS



c-pro 3 micro CHIL

- › Blind or built-in LED display
- › 12 or 24 VAC/DC power supply
- › 33 I/Os
- › 2 RS-485 MODBUS, CAN and USB ports
- › RTC

c-pro 3 nano CHIL

- › Built-in LED display
- › 12 or 24 VAC/DC power supply
- › 25 I/Os
- › INTRABUS, RS-485 MODBUS, CAN and USB ports
- › RTC
- › Alarm buzzer

REMOTE USER INTERFACES



EPJgraph

- › LCD graphic display
- › 24 VAC/12...30 VDC power supply
- › CAN port
- › Alarm buzzer
- › RTC (available on demand)

How to get more from your controller?

I/O Expansions



EVD EXP

- › 115... 230 VAC power supply
- › 17 I/Os
- › INTRABUS port



c-pro 3 EXP micro

- › 12 or 24 VAC/DC power supply
- › 33 I/Os
- › CAN and USB ports

Drivers



EVDRIVE03

- › Blind or built-in LCD display
- › 24 VAC/DC power supply
- › Bipolar EEV output
- › TTL, RS-485 MODBUS and CAN ports

Accessories



EVIF22ISX

INTRABUS to RS-485 serial interface



EVIF20SUXI

RS-485 to USB serial interface



EVRMS & EVRTS

Phase cutting speed regulators



EVIF20TUXI

TTL to USB serial interface