

# CIATric



## Use :

CIATric control is a specific management system for air-to-air and water-to-air units with scroll compressors. Management of up to four refrigerant circuits, four SCROLL compressors and energy recovery systems

## Description :

- Main board for unit with scroll compressor
- Safety pressure switches
- Main board and software configured by CIAT
- pGD1 CONTROL
  - Backlit, user-friendly screen
  - Screen sized for easy use and extended display of information
  - Multilingual
- TCO (instead of PGD1)
  - Simple TCO user terminal
  - Without access to parameters



## Specifications :

- Control of COOLING, HEATING, AUTOMATIC, VENTILATION AND DEHUMIDIFICATION modes
- Cut-in temperature control (proportional-integral control)
- Management of DEGIPAC defrosting (air-to-air heat pumps) via outdoor pressure and temperature sensors (difference between the evaporating temperature and the outdoor temperature)
- Control of the condensing temperature and evaporating temperature of the outdoor coil via pressure sensors
- Supply and/or return airflow management by EC plugfans
- Active recovery management
- Heat wheel exchanger management
- Gas burner management
- Ambient temperature sensor
- Management of the electric heaters on the auxiliary hot water coil
- Thermal, enthalpy or thermal-enthalpy free cooling
- Smoke detection
- Detection of dirty filters
- Electrical energy meter
- Refrigerant leak detector

Comfort • Air quality • Energy optimisation

