

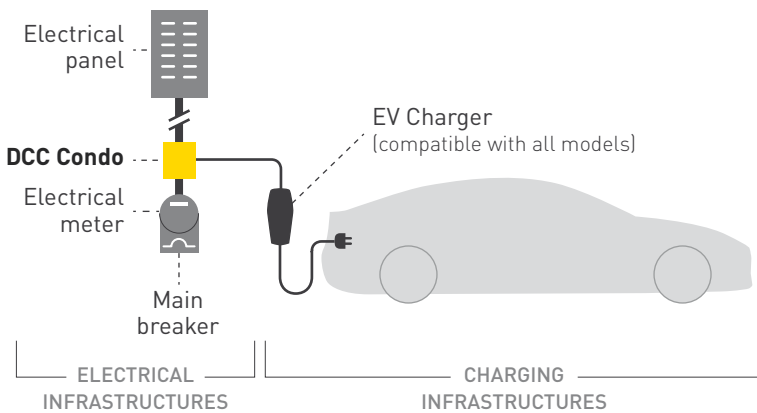
DCC EV Charging solution CONDO for condo

ENGLISH

The DCC Condo manufactured by Thermolec is an Energy Management System specially designed to allow the connection of an EV Charger to be connected to the main power of a unit when the electric meter is accessible from a condo or multi-residential parking lot.



TYPICAL INSTALLATION FOR A UNIT



OPERATION

- Real-time reading of the total power consumption of the condo's electrical panel;
- Detects when total power consumption exceeds 80% of main circuit breaker capacity and temporarily de-energize the EV Charger;
- Automatically re-energize the EV Charger when the total power consumption of the electrical panel is less than 80% of its capacity for more than 15 minutes.

DETAILS

- Automated billing of electricity consumed by the electric vehicle.
- Do not add extra load to the condo's electrical panel.
- Installation possible for wall and ceiling mount.
- Included in the box: 1x charge controller, 1x breaker, 1x contactor, 1x distribution box, 2x prewired current transformers.

Models	DCC-9-40A	DCC-9-50A	DCC-9-60A
Main power supply	100A-125A	100A-125A	125A
Secondary load supply EV Charger breaker	40A	50A	60A
Voltage and wiring	240 VAC, single phase: L1, L2, ground.		
Terminals size (CU/AL)	up to 2/0		
Dimensions* (H" x W" x D")	12.0" x 12.0" x 7.5"		
Frequency	50 à 60 Hz		
Total Weight*	15 lb (7,5 kg)		
Operating temperature	32°F to 113°F (0°C to 45°C)		
Storage temperature	-4°F to 158°F (-20°C to 70°C)		
Certification	CAN/CSA C22.2 14-13 UL 508, 17th Ed.		

* Approximative and can change without notice.