CAREL

controllers for refrigeration and retail

refrigeration controllers



easy cool & easy freeze

electronic controllers for plug-in showcases and cabinets

carel.com

easy cool & freeze: the new easy range digital controllers conceived and designed for installers

Fast and simple instrument configuration, with all the parameters needed to start the unit factory-programmed

Save time!

- Controller factory programmed and ready to be used;
- NTC room probe included (defrost probe included for "easy freeze" model only) depending on the model, check that the probes are included in the packaging;
- Limited number of parameters
- dedicated instruction sheet

The controller comes with a specific instruction sheet, describing assembly details, probe and actuator connections and configuration parameters.

The pleasant appearance, combined with the IP65 level of protection, make easy cool and easy freeze the ideal solutions for plug-in showcases, display cases and cabinets in professional kitchens and catering applications.

The controller is supplied already programmed and ready to use.

The high index of protection (IP65)

Means easy cool & easy freeze can be installed in humid and aggressive environments. A stick-on cover is also available to protect the instrument against dripping and/or condensate.

Quicker and more practical front mounting

The removable faceplate can be customised, allowing the instruments to be perfectly integrated into the design of the application.





easy to set
thanks to the limited number of parameters

easy to install
thanks to the probe included in the packaging

easy to choose
just two models to choose from for all applications

easy cool - the ideal solution for static plug-in refrigeration units at normal temperature (above 0 °C)

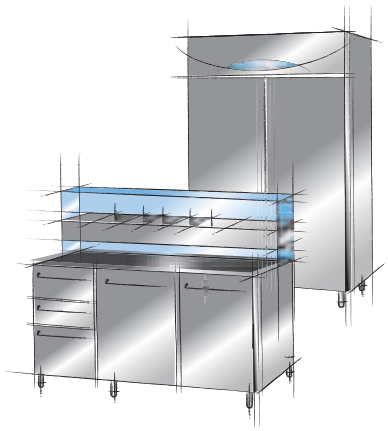
Thermostat with preloaded set point (+3 °C) and defrost by stopping the compressor.

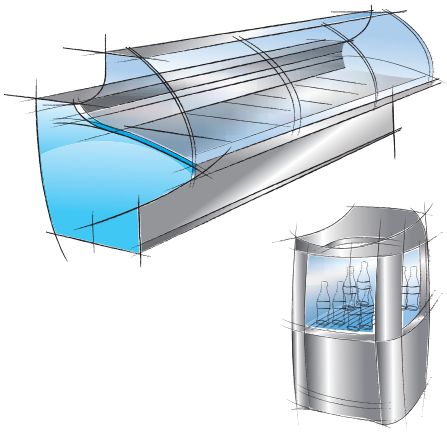
The following parameters are accessible on entering the password:
- control;
- compressor protection;
- defrost;
- alarms.

The controller can be fully programmed using just **19** parameters.

Esempi di banco, vetrina, armadio refrigerati a spina e bottle cooler

set +3 °C





easy freeze - the ideal solution for ventilated plug-in refrigeration units at low temperature (below 0 °C)

Temperature controller with preloaded set point (-18 °C), defrost by temperature and evaporator fan management.

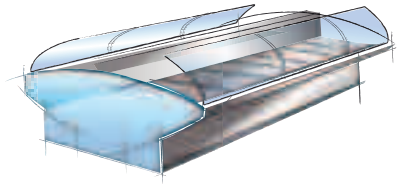
The following parameters are accessible on entering the password:
- control;
- compressor protection;
- defrost;
- evaporator fan management;
- alarms.

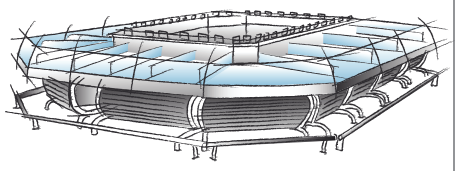
The controller can be fully programmed using just **27** parameters.

Esempio di cella, isola refrigerata e banco in bassa temperatura a spina

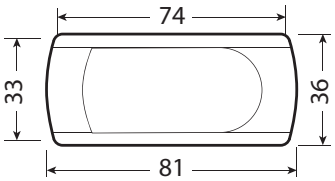
set -18 °C



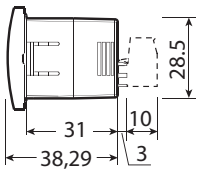




Dimensions in mm

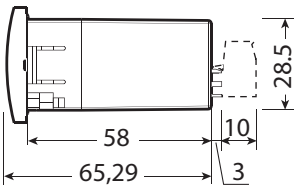


*easy cool (cod. PZD*S*P0*1)*



for the French version refer to the size of easy freeze

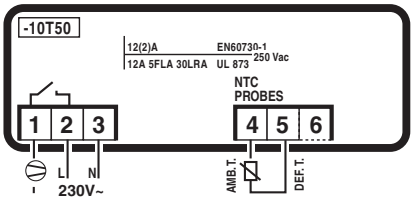
*easy freeze (cod. PZD*C0P001)*



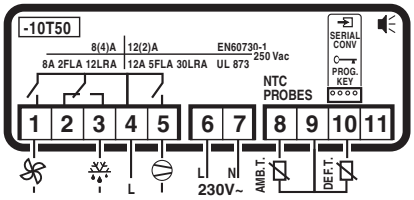


Wiring diagrams

*easy cool (cod. PZD*S*P0*1)*



*easy freeze (cod. PZD*C0P001)*



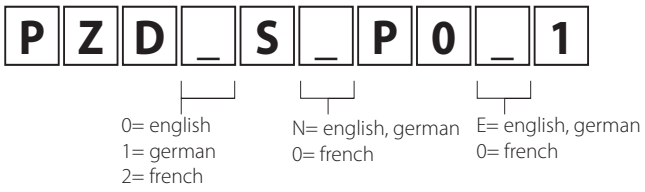
Technical specifications

Dexcription	easy cool	easy freeze
Code	PZD*S*P0*1	PZD*C0P001
Relay	compressor 16 A	compressor 16 A defrost 8 A evaporator fans 8 A
Probes	room temp. probe included in the packaging * (NTC 1.5 m)	room and defrost temp. probes included in the packaging * (2 x NTC 1.5 m)
Control	pre-configured to reduce unit start-up times	
Display	large, +27% bigger than standard display, plus compressor icon	large, +27% bigger than standard display, plus compressor, defrost and evaporator fan icons
Alarm	high and low temperature alarm signals	
ON/OFF and defrost functions	accessible directly from the keypad	
Initial configuration	possibility to restore the initial configuration	
Keypad	ergonomic keypad with pleasant appearance	
Certification	CE & UL	
Drilling template	71x29 mm	71x29 mm

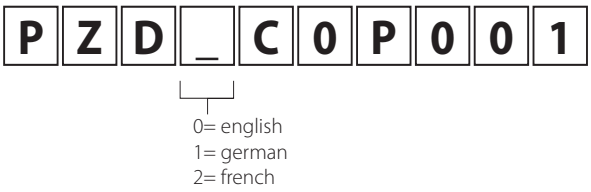
** depending on the model, check that the probes are included in the packaging

Codes

easy cool



easy freeze



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CAREL INDUSTRIES reserves the right to modify the features of its products without prior notice.

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