



SERIES

GF

DIECI ELECTRONIC

Electrical panels for three-phase cold rooms

**COMPLETE
PANEL BOARD SERIES
WITH ELECTRONIC VALVES**

The electrical panels of the SERIES GF-Electronic have been designed for the management and control of three-phase cold rooms complete with **single-pole electronic valve up to 260mA**.

It is the ideal solution for those who want to combine maximum operational efficiency and ease of use.

The use of electronic thermals and magnetothermic protections makes it possible to manage multiple applications with very few codes.

GF4 ELECTRONIC _ GF12 ELECTRONIC _ GF16 ELECTRONIC

PANEL CODE	GF4 ELECTRONIC	GF12 ELECTRONIC	GF16 ELECTRONIC
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DESCRIPTION	Electric panel for cold rooms Three-phase complete with compressor with adjustable range with electronic thermal from 1... 4A with single-pole electronic valve.	Electric panel for cold rooms Three-phase complete with compressor with adjustable range with electronic thermal from 3... 12A with single-pole electronic valve.	Electric panel for cold rooms Three-phase complete with compressor with adjustable range with electronic thermal from 4... 16A with single-pole electronic valve.
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TECHNICAL FEATURES

ELECTRONIC	Dieci Electric	Dieci Electric	Dieci Electric
BOX SIZE	370*275*175 mm	370*275*175 mm	370*275*175 mm
BOX SIZE COMPLETE WITH DOOR LOCK	370*275*175 mm	370*275*175 mm	370*275*175 mm
WEIGHT	5Kg	5Kg	5Kg
BOX LEVEL OF PROTECTION	IP65	IP65	IP65
RELATIVE HUMIDITY OF THE ENVIRONMENT	<90% RH	<90% RH	<90% RH
STORAGE TEMPERATURE	-10÷+60°C	-10÷+60°C	-10÷+60°C
WORKING TEMPERATURE	-5÷+45°C	-5÷+45°C	-5÷+45°C
SUPPLY	400V AC ±10% 50-60Hz	400V AC ±10% 50-60Hz	400V AC ±10% 50-60Hz
COMPRESSOR PROTECTION	Electric thermal relay	Electric thermal relay	Electric thermal relay
GENERAL PROTECTION	Standard Thermoswitch	Standard Thermoswitch	Standard Thermoswitch
SIGNALING AND ALARM	Led+Display	Led+Display	Led+Display
DEFROSTING MANAGEMENT WITH CLOCK	RTC	RTC	RTC

INPUTS

CELL PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
EVAPORATOR PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
SUCTION PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
PRESSURE PROBE	4-20mA	4-20mA	4-20mA
KWIWAN INPUT	Standard	Standard	Standard
HIGH/LOW GENERAL PRESSURE SWITCH INPUT	Standard	Standard	Standard
MICRO DOOR	Standard	Standard	Standard



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OUTPUT

COMPRESSOR	Three-phase adjustable range from 1...4A	Three-phase adjustable range from 3...12A	Three-phase adjustable range from 4...16A
CONDENSING FANS	850W single-phase	850W single-phase	850W single-phase
ELECTRIC DEFROSTING	10500W three-phase	10500W three-phase	13000W three-phase
EVAPORATOR FANS	850W single-phase	850W single-phase	850W single-phase
SOLENOID FAN	Standard	Standard	Standard
ELECTRONIC SINGLE-POLE VALVE	Max 260mA distance 9m	Max 260mA distance 9m	Max 260mA distance 9m
OIL COMPRESSOR RESISTANCE	Standard	Standard	Standard
LIGHT CELL	850W single-phase	850W single-phase	850W single-phase
ALARM RELAY	Standard	Standard	Standard

OPTIONAL ACCESSORIES

RS485/WIFI**

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✓

✓



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* **Accessories:** fixing brackets provided
 ** **Communication card for in cloud supervision**

All products have the possibility of customization with your own brand.
 Customization requires a minimum of lots to be established at the order stage.