

PLUS1000 THR

Three-phase electric panel with control of temperature and humidity plus seasoning functions. Flexible programming also makes it suitable for simple storage purposes. Programming up to five recipes, of seven phases each, settable and customizable.



APPLICATIONS

- Seasoning/drying rooms.
- Germination room with day/night phases.
- Storage rooms with or without humidity control.

AVAILABLE CONFIGURATIONS

- **Plus1000 THR** power board with integrated electronics.
- **Plus100 THR + Plus1000 THR CR** with remote keyboard/display separate from power board (THR CR).

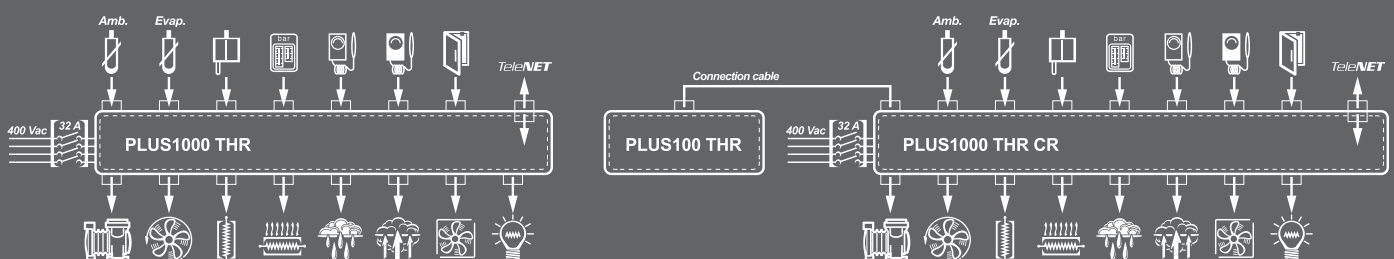
OPTIONS

- **Plus1000 THR SE** version with electric defrost.
- **Plus1000 THR M** single-phase version.
- Special boards available for dedicated applications.

PLUS THR ELECTRONIC CONTROLLER FUNCTIONS

- Backlit LCD display.
- Clock and calendar function.
- Manual or automatic work mode.
- Up to 5 recipes completely customizable. Automatic management of 7 phases for each recipe (dripping first phase, seasoning/conservation last phase). Simple programming and selection of set recipes. Possibility of joining together more recipes for exceeding the 7 phases limit.
- Heat and humidity can be excluded so as to manage storage room only with activation of defrosts.
- Temperature to one decimal point.
- Keypad lock password.
- Day/night cycle for germination systems with double temperature set-point.
- Dehumidification programming with cold or heat call.

CONNECTION DIAGRAMS



PLUS1000 THR (CR)



TECHNICAL CHARACTERISTICS	PLUS1000 THR	PLUS100 THR + PLUS1000 THR CR
DIMENSIONS	PLUS100 THR: 210 x 110 x 35 mm PLUS1000 THR: 350 x 450 x 160 mm	PLUS100 THR: 210 x 110 x 35 mm PLUS1000 THR: 350 x 450 x 160 mm
WEIGHT	6 kg	5.5 kg (+0.7 kg KEYBOARD/DISPLAY)
PROTECTION RATING	IP65	IP65
STATUS INDICATORS	DISPLAY LCD WITH BACKLIGHT	DISPLAY LCD WITH BACKLIGHT
ALARM SIGNALS	DISPLAY LCD + BUZZER	DISPLAY LCD + BUZZER
CONTROL	PEGO THR (INTEGRATED)	PEGO THR (REMOTE)
POWER SUPPLY	400 V AC ±10% 50-60 Hz	OTHER CHARACTERISTICS SUCH AS PLUS1000 THR
LOAD TYPE	THREE-PHASE	
WORKING TEMPERATURE	-5 ÷ +50 °C	
STORAGE TEMPERATURE	-10 ÷ +70 °C	
RELATIVE AMBIENT HUMIDITY	< 90% RH	
RANGE OF READING	-45 ÷ +45 °C	
MAIN SWITCH	32 A	
OVERLOAD PROTECTION	THERMAL RELAY	
GENERAL PROTECTION	FUSES	
DEFROSTING	OFF-CYCLE (ELECTRICAL ON REQUEST)	
INPUTS		
AMBIENT PROBE	NTC 10 kΩ	
EVAPORATOR PROBE	NTC 10 kΩ	
HUMIDITY PROBE	4 ÷ 20 mA (0 ÷ 100% RH)	
DOOR SWITCH	PRESENT	
HIGH/LOW PRESSURE SWITCH	PRESENT	
MIN. TEMPERATURE SENSOR	PRESENT	
MAX. TEMPERATURE SENSOR	PRESENT	
OUTPUTS		
COMPRESSOR	2200 W (0,5 ÷ 3 HP)	
EVAPORATOR FANS	800 W (1PH)	
DEFROST	ON REQUEST	
HOT HEATERS	4000 W (AC1)	
ENABLE HUMIDIFIERS	PRESENT	
ENABLE DEHUMIDIFIERS	PRESENT	
AIR CHANGE	PRESENT	
PAUSE	PRESENT	
ROOM LIGHT	PRESENT	
ALARM RELAY	PRESENT	
SUPERVISION SYSTEM	TELENET	

PLUS100 THR



PLUS1000 THR CR

