

CLIMATE CONTROLLER TEMP1200

Product Data

Temp 1200 is controller design for the ventilates, can control the temperature and the humidity for the animals building, green house and in the industrial factory.



Specification Temp 1200

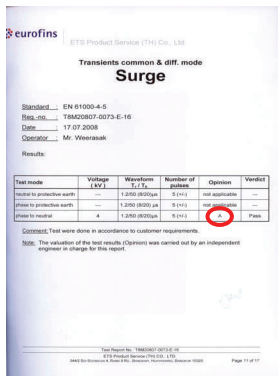
- Ability to show temperature °C and relative humidity %RH.
- Have a light indicator shows ON - OFF status, for the equipment control
- The casing apply IP 56 standard which is produce from Italy. It can protect from waterproof humidity and dust
- System can save data if the electricity cut off.
- The accuracy of temperature and humidity are 0.10 °C and humidity 0.1% RH respectively.
- Ability to recalibrate temperature and humidity
- Ability to set the maximum and minimum target temperature and also heat stress index before 2 days.
- Ability to set program temperature for fan, pump and heater according to growth day
- Ability to set require air ventilation for animal
- Ability to calculate Minimum ventilation according to animal weight
- Ability to set 8 steps target temperature and humidity for growth stage
- Ability to set growth rangee from 0 - 999 days
- Ability to setting parameter for ON – OFF light 5 times per day
- Ability set period time for cooling pad working within 1 day
- Ability to save temperature and humidity data for fan, pump and alarm status.
- have data loader for decrease the time for input data in case many building (option)
- Ability to link data through computer network in the office (maximum 64 controllers per computer)
- Systematically delay the work of each controller step by step when the case electricity switches off.
- Systematically delay uses multiple fans system. System will be waiting 3 seconds to open each fan.



Temperature sensor



Humidity sensor



Input

1. Temperature sensor inside farm (maximum added 2 set)	1	set	
Measurement range temperature	0 – 70	°C	
Accuracy value	0.1	°C	
Deviated value	±1.0	%	
2. Temperature sensor outside farm	1	set	
Measurement range temperature	-10 – 70	°C	
Accuracy value	0.1	%	
Deviated value	±1.0	%	

3. Humidity sensor	1	set (option)	
Measurement range relative humidity	0-99	%RH	
Accuracy value	0.1	%RH	
Deviated value	±5	%	

Output

1. Relay for heater	1	set
2. Relay for fan	12	set
3. Relay for pump	1	set
4. Relay for lighting	1	set
5. Relay for Alarm	1	set
6. Output 0-10 volt for control Inverter	1	set

TECHNICIAN DATA

Circuit system	Electricity pressure	220-240 VAC	Fan	Relay	250 VAC,5A
	Frequency	50/60 Hz	Pump	Relay	250 VAC,5A
	Electric power	20 Watts	Heater	Relay	250 VAC,5A
	Fuse	250 Vac, 500 mA fast blow	Lighting	Relay	250 VAC,5A
			Alarm	Relay	250 VAC,5A

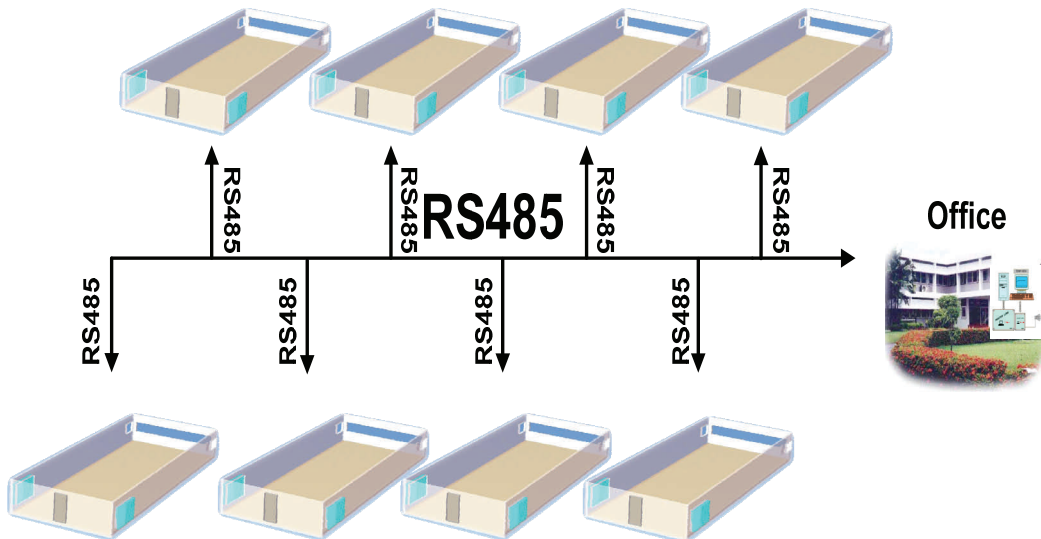
EMC test SURGE SURGE-EN 61000-4-5 [CLASS A]

A = The apparatus shall continue to operate as intended during and after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacture, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacture, either of these may be derived from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.

B = The apparatus shall continue to operate as intended after the test No degradation of performance or loss function is allowed below a performance level specified by the manufacture, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. During the test, degradation of performance is however allowed. No change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacture, either of these may be derived from the product description and documentation and what the user may reasonable expect from the apparatus if used as intended.

C = Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.

D = Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.



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