



**Product Name :**  
Utilities Incubation Room

**Product Code :**  
EQUP-MC20084-0007

**Description :**

Utilities Incubation Room

**Technical Specification :**

House structure:

The structure of the general use of insulation board (double-sided color steel, the middle plus insulation materials) assembled in the field, the room size are designed according to customer requirements. The whole room looks beautiful, solid structure, while easy to install, short construction period. In the room wall, according to the need to set the observation window, easy to observe the indoor product testing in the outdoors. In the wall is also equipped with different voltage socket to meet the needs of product testing.

Duct system:

Usually the heating fan and duct system installed in the roof, do not take up other space, the general air duct system by the circulating air system and overheating exhaust system, the indoor circulation through the heater after heating by the blower by the insulation duct back to the room, Repeat the cycle, so that the room temperature to maintain the set range. When the room temperature exceeds the alarm set value, the exhaust fan start, take away the indoor overheating gas, while the outdoor cold air into the room and hot air mixing, so that the room temperature back to normal.

Control System:

The control system of the fermentation bank is controlled by PLC through the program. The control system adopts the two-stage PID to adjust the heating quantity to realize the precise control of the room temperature. At the same time, the temperature controller can carry out real-time display of any six-point temperature in the room. Customers accurately grasp the room temperature situation. The control system also set a variety of protection functions, over-temperature alarm protection, fan failure alarm protection, no wind alarm protection, indoor smoke sensor alarm protection, and improve the protection function to ensure that the fermentation tank can be long-term stability and trouble-free operation.

Characteristics of Thermostatic Fermentation Library

1. Temperature control accuracy, high precision. As a result of the unique duct system design and electronic control system, to maintain a high degree of uniformity throughout the room temperature, much higher than

similar products.

2. Room set a wide temperature range, continuously adjustable. (If the customer special requirements, you can design a higher temperature products).
3. Room multi-point temperature rolling display, monitoring accurate, clear (optional).
4. System protection is complete, to ensure long-term stability and trouble-free operation.
5. Beautiful appearance, easy construction, short construction period.

Size	5400x4200x2500
Note: The size and temperature control range of customized according to customer requirements, to meet customer requirements.	
Temperature Range	RT?45??
	Can be set
Internal material	Galvanized color steel or SUS304 stainless steel plate
External material	Galvanized color steel
Insulation materials	Hard polyurethane
Insulation thickness	100mm
Analytical precision	0.1??0.01?
Control accuracy	±1?
Temperature deviation	±2?
Volatility	±1?
Heating time	An average of 1 ~ 5 ? / minute
Cooling time	10 to 60 minutes
Series Noise	? 55 dB
Control system	Programmable: LCD color LCD controller or standard type: LED digital controller
Heating system	Special high-speed electric heaters
Circulatory system	Specially designed low noise, multi-wing circulating air system
Safety devices	Leakage power protection, load protection, over-temperature protection, fan overheat protection, sound and light alarm, etc.
Other accessories	Glass observation window, the test hole, smoke alarms, indoor lighting, temperature recorder (optional)
System power	AC 220/380(±10%)V?50HZ±0.5HZ



**Equipments Machines Manufacturers China**

**Email us at: [sales@equipmentsmachines.com](mailto:sales@equipmentsmachines.com)**