

**OPERATION MANUAL AND PARTS LIST**  
**FOR**  
**PROOFER ST-4R**



**SPECIFICATION :**

Model	ST-4R
Rated Power	415V 3.9 kw 3 Phase
Capacity	4 Racks
Tray Size (mm)	460 x720
Door	Double Door
Control Panel	Digital Control
Outside Panel	Stainless steel with PU insulation 50 mm thickness
Dimension (mm)	2190 Width x 1900 Depth x 2190 Height
Weight (kg)	350
Steam Generator	ST-100

## **INSTALLATION :**

1. Install the fermentation chamber, the joints must be sealed with sealant to prevent from air leakage.
2. Install the steam generator on the side wall:
3. Install the control panel out side of the fermentation chamber, where it is convenience for operation; and fixed the humidity controller under the rear of fermentation chamber.
4. Connect the water inlet pipe with customer's valve-pipe;
5. Connect the drainpipe, waterspout of the pipe to the drainage; two waterspouts on the both sides, only guide out one waterspout, sealed another side waterspout;
6. Connect electricity with the air breaker, the air breaker should be up to above ground level 1.2m, the air breaker should be 3P 20A and with the earth terminal;
- 7 · Connect the wire cable from steam generator to the control panel;
- 8 · Installation and testing of the machine should be carried out by the engineer of SINMAG.

## **OPERATION :**

- 1 · Open the water inlet valve.
- 2 · Switch on the main switch.  
Switch ON/OFF on the control panel.
- 3 · Set up fermentation temperature: Press “^”or “v”key on the Thermostat ( normally set up at 38 ° C ).
- 4 · Set up humidity : Press “^”or“v”key on the Humidity controller (normally set up at 80%).
- 5 · When fermentation chamber temperature is lower than setting value, the temperature light will on, and the chamber temperature will rise; When chamber temperature reaches to the setting value, the temperature light will off.
- 6 · When fermentation chamber humidity is lower than setting value, the humidity light will on, and chamber humidity will rise; When chamber humidity reaches to setting value, the humidity light will off.
- 7 · Press the lighting button when need to watch fermentation

## **MAINTENANCE AND SERVICE :**

1. Switch off the main power after daily operation;
2. Clean the machine with dry cloth; Open the door to flow away humidity, to keep the

fermentation chamber always dry and clean.

**CAUTION :**

1. The fermentation chamber should always connect with earth cable to ensure safety;
2. Open the water inlet switch before operation, operation without water is always prohibited.

**PARTS LIST FOR STEAM GENERATOR ST-100**

# ST-100 STEAM GENERATOR PARTS LIST **SINMAG**



## ST-100 STEAM GENERATOR PARTS LIST

Parts Number	Parts Code	Parts Name(English)	Parts Name(Chinese)	Specification
ST100001	16FSLW6	Fan Net 6"	风扇网 6"	Applied with EF060UF15PC23HN
ST100002	16FSL6	Fan 6"	风扇 6"	EF060UF15PC23HN
ST100003	16DRG1KW	U Heating Element	U 型电热管	1000W
ST100004	16FS-01	Fan	风扇	80*80*38MM,220V
ST100005	16DCF-UD8	Magnetic Valve	水电磁阀	UD-8 1/4"AC220V P=7kgf HGD0UD814A22007
ST100006	15JTLJALZ-10ZG1/4	Copper Connector	卡套式直角终端接头	JALZ-10ZG1/4
ST100007	15JTLJA-10	Copper Connector	卡套式铜接头	JA-10
ST100008	15JTLL1/2	Copper Connector	铝塑管铜接头	1/2
ST100009	15JTLST1-14	Copper Connector	铜接头	ST1-14
ST100010	15GLQ1/4	Filter	Y 型丝口过滤器(蒸汽组)	Y, 1/4"
ST100011	12ST1-01-11	Water Level Plate	GT 水位调节板(X)	443CT/2B 1.2T*45*167
ST100012	16FQL-3001DE	Water Level Switch	小浮球(金属)	RF-3001DE
ST100013	16DRG32F-PR76000-1	Humidifying Element	加湿电热管(煮水式)	220V 1000W
ST100014	12ST1-05-00	Flume(upper)	上水箱组件 (水槽)	ST1-05-00
ST100015	11ST2-05-01-02	Drainpipe	排水管(X)	φ16/14*230MM
ST100016	12ST1-06-00	Flume(lower)	下水箱组件 (水槽)	ST1-06-00
ST100017	16JCQCN16-2	Contactora	交流电磁接触器	CU-16 3A1b 220V/50HZ
ST100018	16JXZ5P	Wiring Terminal	接线柱	5P
ST100019	16BXSG111B	Fuse Seat	保险丝盖	111B
ST100020	16BXSZD	Fuse Cover	保险丝座	111A
ST100021	16KGDZ47LE/2P-40A	Breaker	漏电断路器	DZ47LE/2P 40A-50HZ
ST100022	16KZQST100	Control Unit	控制器(包括触控面板)ST	220V
ST100023	12ST1-08-00	Electrical Box	电器盒组件	ST1-08-00
ST100024	11ST1-01-06	Drainpipe	导管	1.2T*φ19*40L