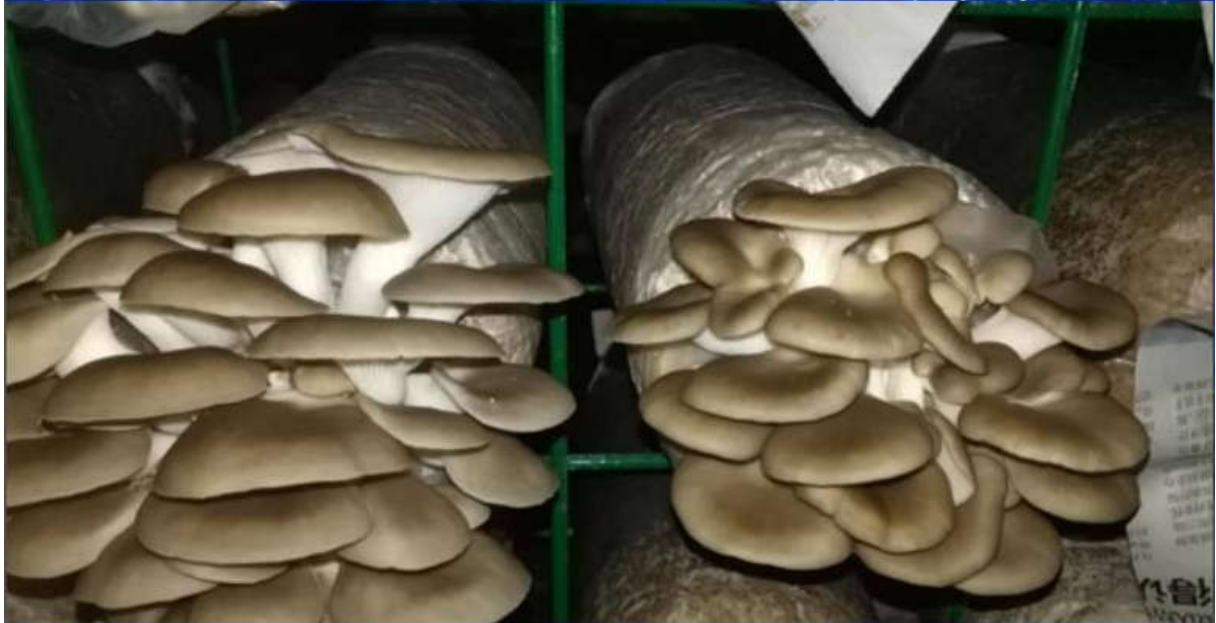


Specification sheet of 20ft shipping container mushroom farm



1. Part list details each unit

NO	Name	Model	Qty
1	Mushroom climate control machine (new design)	QSB08FPC-RXP	1set
2	With Dry&web bulb box	/	1set
3	With Frequency inverter for fan	/	1set
4	With PLC touch screen control box and sensors	/	1set
5	Ultrasonic Humidifier	7L/h	1set
6	Outdoor Air duct	SS201/Aluminium	1set
7	Indoor air duct connector	SS201	1set
8	Indoor PE bag air duct	Dr:360mm	5.5m
9	Insulated pipe for outdoor air ducts	Thickness:20mm	3m2
10	Electric cables and cable pipes (not including power supply cables)	/	1set
11	PVC-U pipes for humidity	Dr:110mm	6m
12	Overpressure louver	300x300mm	1pc
13	LED Light	18w	4pcs
14	Mushroom shelves (Aluminium)	4.5x0.6m ,4layers	2sets
15	Mushroom container 20ft same as freezing shipping container	Size:6x2.3x2.3m	1set
16	Installation accessories (screws,glues ect)	/	1set

2. Technical Parameters

Model		QSB08FPC-RXP	
Cooling capacity		8KW	
Heating capacity		3KW	
COP		2.14	
Power		3PH: 380±10%; 50HZ±2%	
Compressor	Mode	Full-hermetic scroll style compressor	
	Quantity	SET	1
	Input power	KW	2.27
	Rated load current	A	4.2
Power of centrifugal fan	KW	1	
Matching wire	mm ²	6	
Way to unload	%	0 , 100	
Refrigerant		R410A	
Condenser	Mode	High efficient inside screw tube and shell	
	Fan input power	KW	0.24
	Ambient temperature	35C	
Evaporator	Normal air volume	M ³ /h	1800
	Normal static press	Pa	250
	Evaporating Temperature	℃	5
	Current (fan)	A	2
Throttle methods	External balance expansion valve		
Purification device	Return air primary filter,fresh air intermediate-acting filter		
Control function	fresh air system,return air,temperature control,measuring CO2 and humidity.		
Safety protection	Leakage protection,overload protection,overpressure and anti-phase protection,refrigerant abnormality protection,compressor over temperature protection,lack of water protection,and automatic fault detection,etc		
Overall Size	L	mm	1250
	W	mm	1000
	H	mm	1650
Weight		KG	280

3.Brand Of Main Parts

Name	Model	Brand	Brand Origin
Compressor	/	Copeland	USA
Expansion valve	/	STF	Shanghai
Condenser	/	KF	ZheJiang
Evaporator	/	KF	ZheJiang
PLC CPU	/	Siemens	Germany
Electrical parts	/	Schneider	France
Centrifugal fan	/	Dewo	Jiangsu
Solenoid valve	/	KF	ZheJiang
Refrigerant	R410A	JUHUA	Zhejiang
Copper pipe	/	HongTai	QingDao
Valve	/	HengSen	ZheJiang
Pressure controller	/	KF	ZheJiang
High & low pressure gas gauge	/	KF	ZheJiang
Fresh air filter	/	TaiXu	ShangHai
Fresh air damper actuator	/	Belimo	Swissland
Stainless steel bellows	/	KF	ZheJiang
Vibration Absorber	/	KF	ZheJiang
Anti-Corrosion frame	/	KF	ZheJiang

4. Pictures for reference






Machine state
Time:15:43:59
Date: 2015-12-19

User setting	Mode Cooling	Phase 	Running time H	Remain time H
Function	Control value 20.5 °C	Room temperature °C	Humidity %	
Machine state	Main Fan ●	Wet bulb temperature °C	Compost temperature 1 °C	
I/O State	Compressor ●	Coil temperature °C	Compost temperature 2 °C	
Alarm	Fan ●	Outdoor temperature °C	CO2 PPM	
Graph	Humidification ●	Fresh air open percent %	Frequency HZ	
	Light ●			

Communication fault!!!


Start
Stop


Phase 1
Time:15:43:59
Date: 2015-12-19

User setting	Temperature setting °C	Fan frequency HZ
Function	Temperature range °C	Fresh air damper open Min
Machine state	Humidity setting %	Fresh air damper close Min
I/O State	Humidity range %	Light on Min
Alarm	CO2 setting PPM	Light off Min
Graph	CO2 range PPM	Phase running time H

Phase 1

Phase 2

Phase 3

Phase 4

Phase 5

Phase 6

Phase 7

Phase 8

Phase 9

Phase 10

Phase 11

Phase 12

Phase 13

Phase 14

Phase 15

Phase 16

Phase 17

Phase 18

Phase 19

Phase 20

Communication fault!!!


Start
Stop