

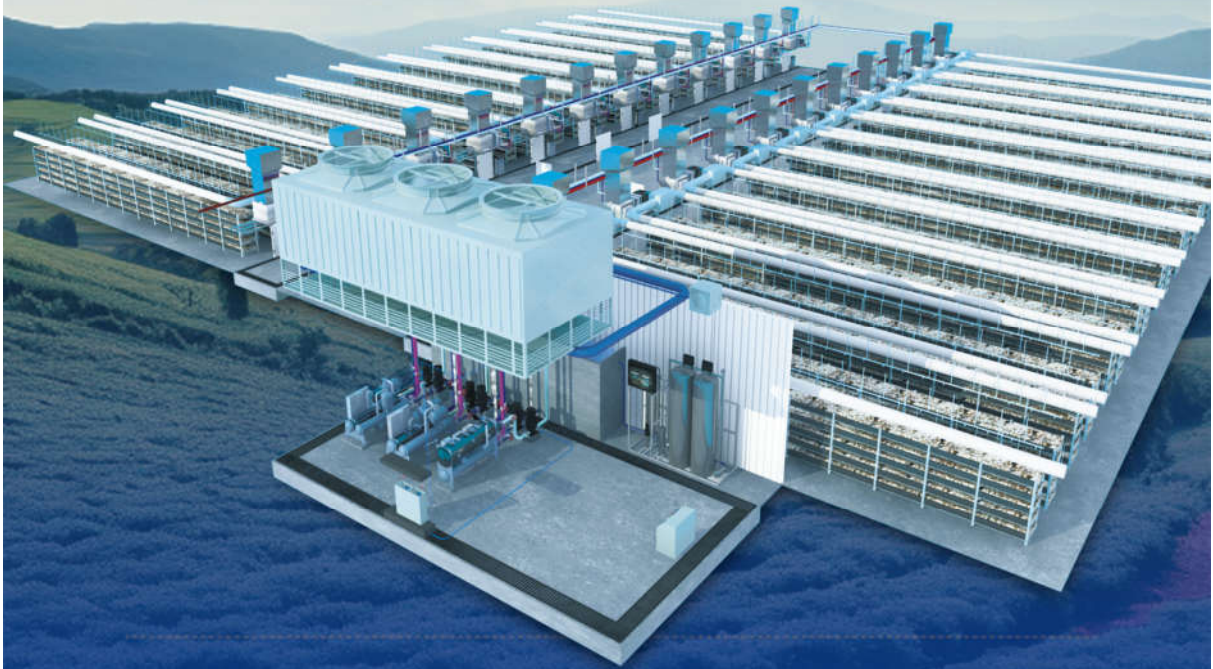
# MUSHROOM GROWING ROOM CLIMATE CONTROL SYSTEM

## 菌房环境控制系统

Centralized Control Easy  
Management Low Energy  
Consumption

Flexible Cooling Capacity  
High System Stability

Designed for Large-Scale  
Mushroom Farms



# QUOTATION OF 40FT MUSHROOM GROWING CONTAINER

## 1.Requirement

<b>Client name</b>						
<b>Mushroom Name</b>	Shiitake, Oyster, White button etc mushrooms	<b>Country</b>				
<b>Name</b>	<b>Room size</b>	<b>Room Qty</b>	<b>Weight of substrate</b>	<b>Room Temperature</b>	<b>Room Humidity</b>	<b>Room CO2 level</b>
Grow Rooms	12x2.3x2.5m (40ft container)	1	/	12~25℃	80%-98%	500~5000 ppm

## 2.Payment terms and other details

NO.	Name	Details
1	Delivery time	70 days after receive 30% advance payment.
2	Price	<b>FOB Ningbo PRICE</b>
3	Packing	Plywood case for machine part
4	Payment terms	30% TT in advance,and balanced before shipment.
5	Warranty	One year after shipment.
6	Refrigerant	R410A
7	Voltage	380v/50hz/3phase
8	Others	1.Price is including container with insulated,climate control machine,shelves,air ducts,humidifier pvc duct ect install accessories. 2.Machine with cooling,heating, Co2 Control and humidity auto control. 3.Send container with everythings inside it for mushroom growing. 4.Send climate unit without gas in it. 5.Offer valid: 30days,

**Part list details each unit**

<b>NO</b>	<b>Name</b>	<b>Model</b>	<b>Qty</b>
1	Mushroom climate control machine	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	14L/h	1set
6	Outdoor Air duct	SS201/Aluminium	1set
7	Indoor air duct connector	SS201	1set
8	Indoor PE bag air duct	Dr:430mm	11m
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	12m
12	Overpressure louver	300x300mm	2pc
13	LED Light	18w	8pcs
14	Mushroom Grid shelves	150*11590*1850mm,2sets 150*9900*1850mm,1sets	3sets
15	Mushroom container 40ft same as freezing shipping container (by re-new second hand container)	Size:12x2.3x2.5m	1set
16	Installation accessories (screws,glues ect)	/	1set

### 3. 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 <sup>2</sup>	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 <sup>3</sup> /h	1800
	Normal static press	Pa	250
	Evaporating Temperature	°C	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 CO <sub>2</sub> 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

#### 4.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

**5.Pictures for reference**









# Drawings:

