

# PHNIX<sup>®</sup>

## PHNIX HEAT PUMP DRYERS FOR AGRICULTURE

PHNIX Heat Pump Dryers for Agriculture run safely and efficiently with high temperature scroll compressor. The environmentally-friendly R134a refrigerant helps the units provide drying temperature as high as 80°C. They are designed for many industrial uses such as tobacco leaf drying, food drying, herbs drying, woods drying etc.

The main features are as follows:

- ▶ **Efficient Heat Recovery**
- ▶ **Modular Design**

**HEAT PUMP DRYERS**  
FOR AGRICULTURE

**NEW**



## PRODUCT FEATURES

### 01 EFFICIENT HEAT RECOVERY

During the exchange between the fresh air and the exhaust air, waste heat from the drying room will be collected again. The absorbing rate can reach 70%.

### 02 MODULAR DESIGN

Modular design of the units makes the compatibility of drying rooms and the units' pieces more flexible. At the same time, transportation, installation and disassembling will also become a lot more simple.

### PARAMETER(50HZ)

Model	PAXHZ	060S	120S
Heating Capacity	kW	18.0	36.0
Compressor Power Input	kW	4.2	8.4
Power Supply	/	380V/3N~/50Hz	380V/3N~/50Hz
Compressor Type	/	Scroll	Scroll
Temp. Control Accuracy	°C	±1	±1
Compressor Qty.	/	1	2
Circulation Air Volume	m <sup>3</sup> /h	7500	15000
Highest Air Supply Temp.	°C	80	80
Refrigerant	/	R134a	R134a
Heat Recovery Capacity	kW	12.5	25.0
Heat Recovery Fan Motor Power Input	kW	0.45	0.8
Fresh Air Volume	m <sup>3</sup> /h	1300	2500
Dehumidification Capacity	kg/h	25.5	49
Noise	dB(A)	62	65
Working Ambient Temp. Range	°C	5 ~ 43	5 ~ 43
Net Dimension(L/W/H)	mm	1670×850×3500	1670×1610×3500
Dimension Of Air Supply Section(L/W/H)	mm	900×800×1750	1530×900×1750
Dimension Of Heating Section(L/W/H)	mm	1720×830×1360	1720×830×1360 plus 1720×830×1360
Dimension Of Heat Recovery Section(L/W/H)	mm	1720×830×910	1720×1650×910
Net Weight	kg	435	763

Heating: Outdoor Temp. (DB/WB): 20°C/15°C; Indoor Temp. (DB/WB): 60°C/ 35°C;

The data above is only a reference, specific data please refer to the nameplate on the units.

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