Daxwell Heat-Pump Dryer

Model	Drying Temperatur
DX-xxxS	25-80°C
DX-xxxM	50-80°C
DX-xxxD	40-60°C

Product made in VIETNAM

The **Daxwell Heat-Pump Dryer** is an industrial heat-pump drying system with an integrated electrical control cabinet. Manufactured by DeAir, it combines international technical standards.

A key advantage of the Daxwell series is its control cabinet, featuring a **PLC (Programmable Logic Controller) and HMI (Human-Machine Interface) touchscreen**, which provides:

- **Precise Control:** Accurate management of drying parameters.
- **Intuitive Monitoring:** Clear visual oversight of the drying process.
- **Performance Optimization:** Maximizes drying efficiency.
- **Stability and Reliability:** Ensures consistent and dependable operation.
- **Automation:** Streamlines the drying process.

Applications: Daxwell dryers are widely used across various industries, including **agricultural processing** (rice, corn, coffee, pepper, vegetables, fruits), **food** (dried fruits, confectionery, processed foods), **pharmaceuticals** (medicinal herbs), **seafood** (fish, shrimp, squid), and other sectors. Its customizable drying cycles allow it to adapt to the specific characteristics of each product.

Its outstanding and flexible design enables efficient operation from **25°C to 80°C**, not only being highly effective but also **reducing operating costs by half compared to other solutions**.

Daxwell Drying Chamber Model

Panel Drying room

Stainless stell trolley

Daxwell dryer

DeAir Joint Stock Company
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Daxwell Heat-Pump Dryer

Technical Specifications

Model		DX-300S	DX-600S	DX-300M	DX-600M
Heating Capacity	Btu/h	56,980	113,961	56,980	113,961
Electrical Power	kW	5.1	9.95	5.1	9.95
Operating Temperature	°C	25-80	25-80	50-80	50-80
Drying Range	m^3	40-60	80-120	40-60	80-120
Operating Current	A	9.6	18.9	9.6	18.9
Optional with additional Heater					
Power consumption of Heater	kW	9.0	15.0	9.0	15.0
Total Electrical Power After Auxiliary Heater Addition	kW	14.1	24.95	14.1	24.95
Operating Current After Auxiliary Heater Addition	A	23.3	41.7	23.3	41.7
Wiring After Auxiliary Heater Addition	mm^2	4x10.0	4x16.0	4x6.0	4x16.0
Power Supply	V/Ph/Hz	220/1/50 - 380/3/50			
Refrigerant Type		R410A			
Airflow	CMH	3,000/6,000	6,000/9,000	3,000/6,000	6,000/9,000
Noise Level	dBA	72			
Dimensions (W x D x H)	mm^2	800x1,050x1,600	1,250x1,050x1,600	800x1,050x1,600	1,250x1,050x1,600
Weight	kg	210	270	180	240
Drain Pipe	mm	21			
Power Cord	mm^2	4x2.5	4x4.0	4x2.5	4x4.0

Model		DX-300D	DX-600D	DX-1200D
Heating Capacity	Btu/h	56,980	113,961	227,922
Electrical Power	kW	4.75	9.75	19.2
Operating Temperature	°C	40-60	40-60	40-60
Drying Range	m^3	40-60	80-120	160-240
Operating Current	A	9.0	18.5	36.5
Optional with additional Heater				
Power consumption of Heater	kW	4.5	7.5	15.0
Total Electrical Power After Auxiliary Heater Addition	kW	9.25	17.25	34.2
Operating Current After Auxiliary Heater Addition	A	15.8	29.9	59.3
Wiring After Auxiliary Heater Addition	mm^2	4x4.0	4x10.0	4x25.0
Power Supply	V/Ph/Hz	220/1/50 - 380/3/50		
Refrigerant Type		R410A		
Airflow	CMH	3,000	6,000	12,000
Noise Level	dBA	72		
Dimensions (W x D x H)	mm^2	780x480x1,650	1,250x600x1,800	1,750x800x1,800
Weight	kg	160	220	500
Drain Pipe	mm	21		
Power Cord	mm^2	4x2.5	4x6.0	4x16.0

* Noise level measured at a distance of 3m.

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