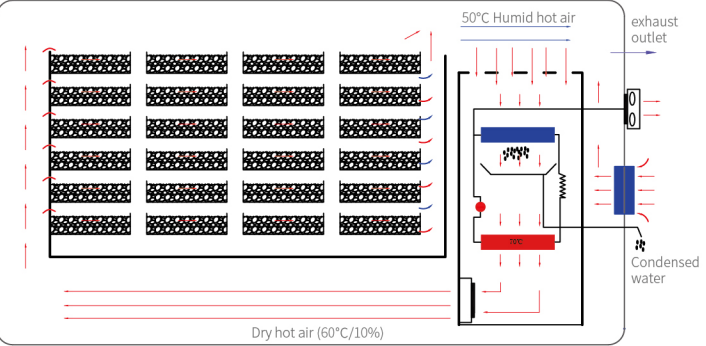


MultiDry

MultiDry is a comprehensive solution that integrates dehumidification, heating, and drying functions, while also being eco - friendly with zero emissions, featuring intelligent control to automatically regulate temperature and humidity within $\pm 1^{\circ}\text{C}$ for high - quality drying and reduced labor costs, enabling segmented drying to save time and effort as needed, and achieving rapid temperature rise to target levels in just 20 minutes.

Application schematic diagram



Technical Data

Model	HKY-16DS4HCA HKY-22DS4H1AA HKY-22DS4H1BA HKY-22DS4H1CA HKY-45DS4H1AA HKY-45DS4H1BA HKY-45DS4H1CA							
Power Supply	V/Hz	380/3/50						
Heating Capacity	kW	16	22.4	22.4	22.4	45	46	45
Rated Power	kW	5.2	6.2	6.8	6.8	11.2	14.2	13.7
Rated Current	A	10.4	11	12	12	20.2	24	24
Auxiliary Heating Power	kW	6	6	6	6	12	12	12
Dehumidification Capacity	kg/h	18	25	25	25	51	51	51
Fresh Air and Dehumidified Air Volume	m³/h	2000	2000	2000	2000	4000	4000	4000
Compressor Type		Fully - enclosed	Vapor Injection	Vapor Injection	Vapor Injection	Vapor Injection	Vapor Injection	Vapor Injection
Number of Compressors	Set	1	1	1	1	2	2	2
Operating Ambient Temperature	℃	5-43	-10-43					
Refrigerant			R134a					
Air Supply Mode		Down Air Supply	Side Air Supply	Top Air Supply	Down Air Supply	Side Air Supply	Top Air Supply	Down Air Supply
Maximum Air Outlet Temperature	℃	85						
Temperature Control Accuracy	℃	±1						
Circulating Air Volume	m³/h	5500	/	7500	7500	/	15000	15000
Net Dimension	mm	1790X1145X1310	1910X1145X1310	1910X1145X1310	1910X1145X1310	2020X1430X1525	2020X1430X1765	2255X1430X1550
Net Weight	kg	225	285	292	292	468	485	485

- (1) Nominal working condition: outdoor dry - bulb temperature 20°C, wet - bulb temperature 15°C; indoor dry - bulb temperature 60°C.
(2) Models, parameters and performance may change due to product improvement. Please refer to the product nameplate for specific parameters.
(3) Heating working condition: ambient temperature 20/15°C, drying room temperature 15 - 75°C; models, parameters and performance may change due to product improvement, and no separate notice will be given. Please refer to the product nameplate for specific parameters.



COMPANY ADVANTAGE

Company Profile

AMITIME, established in 2003, is a professional Chinese manufacturer and a leading supplier of energy-saving heat pumps and cost-efficient solutions for the global market.

AMITIME has built an efficient and dynamic R&D and manufacturing platform, forming strategic partnerships with ES, Parker Davis, and other international heat pump and HVAC companies. With a global perspective, these collaborations have proven highly competitive and commercially successful, further solidifying our leading position in overseas markets.

With over 22 years of experience in R&D, 2 production bases, 16 standard laboratories, over 900 employees including 20% of engineers and technicians, AMITIME specializes in DC inverter air to water heat pump technologies. As one of the pioneers in DC inverter heat pump development, we have successfully launched four product ranges: residential heat pumps, swimming pool heat pumps, heat pump water heaters, commercial heat pumps, etc.

AMITIME is always committed to meeting customer demands, offering flexible and professional OEM/ODM solutions to international partners. Our mission is to deliver eco-conscious, smart and reliable heat pump products to contribute to the sustainable development of human society.

AMITIME ELECTRIC CO., LTD.

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Add: No. 6, Shilong West Road, Shilong Intensive Industrial Zone, Xintang Village, Lunjiao Subdistrict, Foshan, Guangdong, China

EuroHP Thermal Technologies Industry and Trade, Inc.

Turkey Factory:

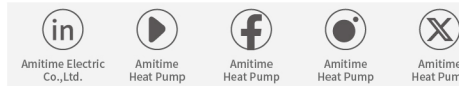
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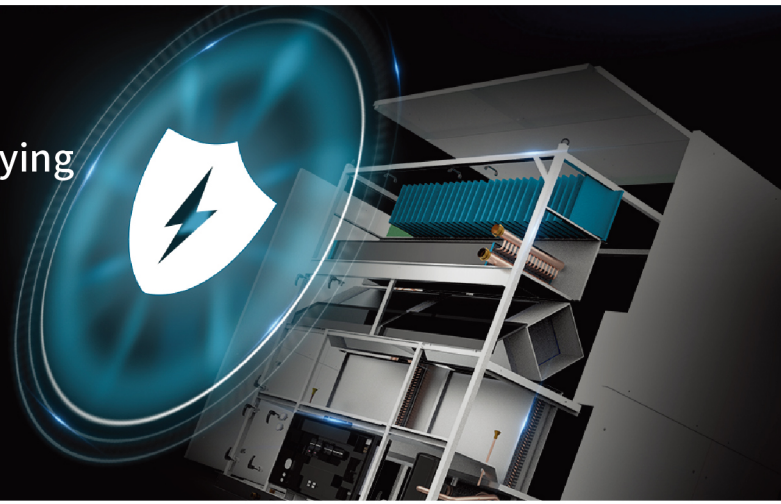
Heat Pump Catalog Official Website



Heat pump dryer



Main Advantages of Heat Pump Drying Compared with Traditional Drying



	Heat Pump Dryer	Traditional Dryer
Green and Environmentally Friendly	Driven by absorbing air energy, with no waste smoke, exhaust gas, or residue emissions, causing zero pollution to the environment; no flammable risks, safer and more reliable to use.	Mostly use fuels such as coal/wood, emitting toxic gases like carbon monoxide and sulfur dioxide, with large smoke and dust on site; fuels are flammable, posing safety hazards.
Precise Control	Equipped with a fully automatic temperature control device, with a dry - wet bulb temperature control accuracy of $\pm 0.5^{\circ}\text{C}$, and the drying process is scientifically controllable.	Relies on manual coal addition for temperature control, affected by factors such as firing technology and worker operation, with unstable temperature and humidity, and large fluctuations in material quality.
Time - saving and Labor - saving	Stable and fast temperature rise, precise control of temperature and humidity; saving drying time; fully automatic operation, reducing labor intensity, and one person can take care of multiple drying rooms.	Slow temperature rise, easy to waste time due to combustion/temperature rise misoperations; high manual labor intensity, and the number of drying rooms that can be taken care of is limited.
High Efficiency and Energy Saving	Works by absorbing a large amount of air energy, with an energy efficiency above 3.0, and significant energy - saving effect.	Relies on fuel combustion for heat supply, with much energy loss and high operating costs.
Material Quality	High control precision and stable operation, which not only meets the material drying process requirements but also improves the internal quality and proportion of high - quality products.	Affected by various unstable factors, it is easy to cause unstable quality of the produced materials.

Equipped with an independent air duct, specialized heat exchanger coating, and customized solutions, it resists corrosion from gases and dust in various environments, extending the dryer's service life by 50% compared to ordinary models.

Automatically identifies ambient temperature, adjusts set temperature based on room temperature difference to avoid overheating, with $\pm 1^{\circ}\text{C}$ control precision.

Applies anti-corrosion coating to heat exchangers, resisting oxidation and damage from corrosive dust or moisture, ensuring long-term stable heat exchange.

Remote Access: Check real-time status and adjust parameters (temp, humidity) via mobile/PC anytime. Program Storage: Stores 10+ drying programs for one-touch automated drying of different materials.

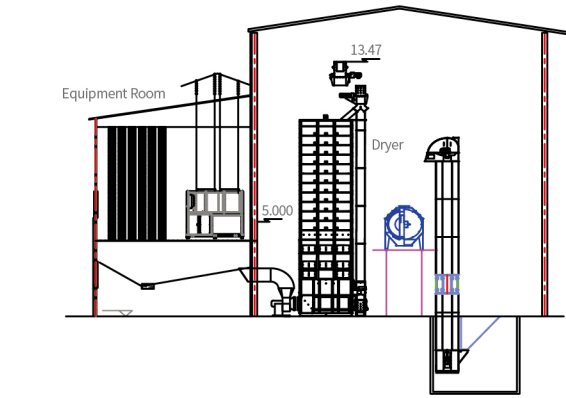
Tailors anti-corrosion solutions by industry: stronger coating for high-salt seafood drying; dust-proof filters for grain drying, adapting to diverse harsh environments.

Records cumulative heat and electricity consumption, providing data to optimize drying processes and reduce operating costs.

GrainDry

GrainDry is a heat pump grain dryer perfectly suitable for grain drying. It allows for convenient installation—simply connect the air outlet to the drying tower to start working. It features ultra-low cost, with the drying cost per jin of grain as low as 0.01 yuan. Moreover, it ensures uniform temperature inside the drying tower through direct-heat frequency conversion air supply, leading to a small temperature difference. Also, relying on shift-type defrost control technology, it seldom frosts even in cold winters, enabling higher drying efficiency without interruption.

Application schematic diagram



Technical Data

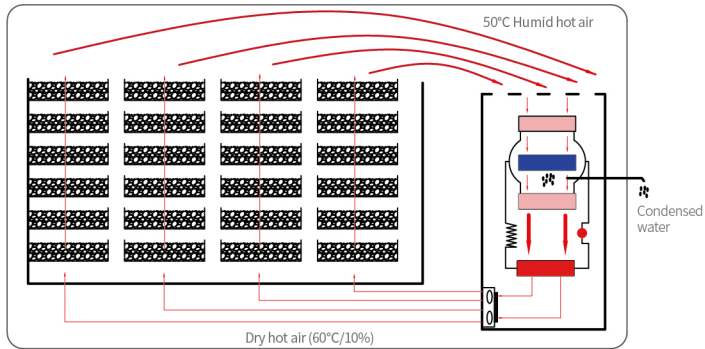
Mode		HEKY-140BS4H1AA	HEKY-225BS4H1AA	HEKY-285BS4H1AA
Operating Ambient Temperature		5~40		
Power Supply		380V/3Ph/50Hz		
Rated Heating Capacity	kW	140	225	285
Rated Input Power	kW	38.4	51.2	67.8
Rated Current	A	71.6	91.6	114.5
Maximum Power	kW	46.7	68.4	98.8
Maximum Current		88.8	122.4	176.8
Auxiliary Heating Power		27	54	72
Temperature Control Accuracy		2		
Number of Compressors		4		
Protection class		First-Level		
Refrigerant		R410A/R134a		
Maximum discharge pressure	MPa	4.2		
Maximum suction pressure	MPa	1.2		
Matching drying tower	t	10~12	15~20	20~25
Net Dimension	mm	2335×1350×2645	2640×1450×2745	2640×1450×2845
Net Weight	kg	1100	1700	2300

Notes:
(1) Nominal working condition: Outdoor dry - bulb temperature 10°C, relative humidity 55.1%;
(2) Models, parameters and performance may change due to product improvement. Specific parameters shall be subject to the product nameplate.

NaturalDry

NaturalDry, the heat pump drying and dehumidification integrated machine, is highly suitable for drying heat - sensitive materials like aquatic products, fruits, and vegetables. It offers convenient installation with great flexibility. It's highly efficient and energy - saving, cutting 75% of operating costs. Being clean and environmentally friendly, it has zero emissions and causes no pollution. Equipped with an automatic temperature control device, it enables automatic operation. Also, it has a long service life and low maintenance costs.

Application schematic diagram



Technical Data

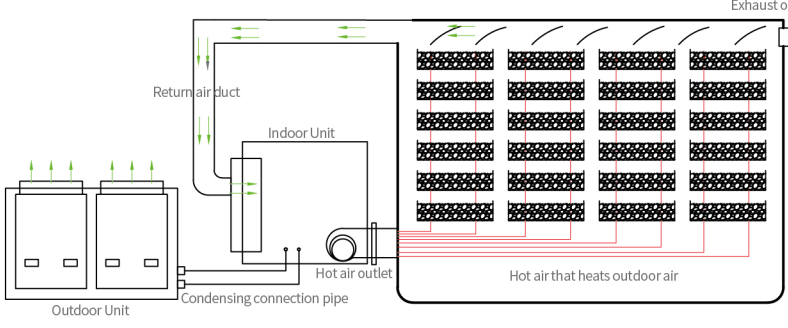
Mode		HBV-24DR4H1BA	HEKY-225BS4H1AA
Power Supply	V/Ph/Hz	380/3/50	380/3/50
Rated Power	kW	7.2	14.2
Rated Current	A	12.9	25.1
Auxiliary Heating Power	kW	12	18
Dehumidification Capacity	kg/h	24	49
Air Supply Volume	m³/h	5200	8200
Air Supply Fan Power	kW	1.1	2.2
Operating Ambient Temperature	°C	-15~70	-15~70
Refrigerant		R134a	R134a
Maximum Air Outlet Temperature	°C	85	85
Protection Class		Fully - enclosed	Fully - enclosed
Compressor Type	Set	1	2
Net Dimension	mm	1408×950×1543	1408×950×1543
Net Weight	kg	287	415

Notes:
(1) Standard test working conditions: Rated cooling: dry - bulb temperature 20°C, relative humidity 60%; Rated heating: return air temperature 50°C, relative humidity 50%.
(2) Models, parameters and performance may change due to product improvement. Please refer to the product nameplate for specific parameters.

NaturalDry Split

NaturalDry Split, the heat pump dehumidification and drying split machine, features a concise structure. It exhausts humid - hot air in the drying room outside and replenishes fresh air. Easier to install and faster to heat up than integrated machines, it's ideal for drying heat - sensitive materials like tobacco, fruits, vegetables, and seeds. Installation is super convenient (just connect internal & external units). It cuts costs by 37% vs traditional drying, heats up in 20 mins when unloaded, enables dynamic temp - humidity control for quality drying, with outlet air temp up to 80°C.

Application schematic diagram



Technical Data

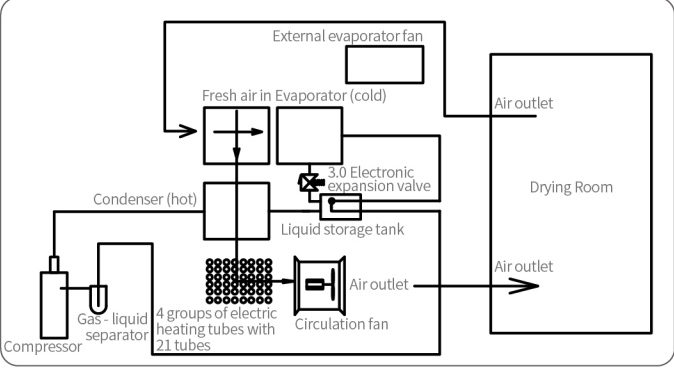
Mode		HEKF-22DS4H1BA	HKF-30DS4H1BA	HKF-36DS4H1BA	HEKF-45DS4H1BA	
Power Supply	V/Ph/Hz	380/3/50				
Heating Capacity	kW	22.5	30.0	36.0	45.0	
Rated Power	kW	6.5	7.9	10.4	13.5	
Rated Current	A	11.6	12.0	19.4	24.2	
Auxiliary Heating Power	kW	6	9	12	12	
Compressor Type		Vapor Injection	Fully - enclosed	Fully - enclosed	Vapor Injection	
Number of Compressors	Set	1	2	2	2	
Operating Ambient Temperature	°C	-10~43	5~43	5~43	-10~43	
Refrigerant		R134A				
Maximum Air Outlet Temperature	°C	85				
Drying Room Temperature Control Accuracy	°C	±1				
Circulating air volume		m³/h	7500	10000	12000	15000
Net Dimension	Outdoor unit	mm	750×850×1305	750×850×1305	1444×806×1195	1505×865×1300
	Indoor unit	mm	1250×930×650	1250×930×650	2405×940×850	1715×1215×1060
Net Weight	kg	160/45	180/45	300/80	300/65	

Notes:
(1) Standard test working conditions: Rated cooling: dry - bulb temperature 20°C, relative humidity 60%; Rated heating: return air temperature 50°C, relative humidity 50%.
(2) Models, parameters and performance may change due to product improvement. Please refer to the product nameplate for specific parameters.

EasyDry

EasyDry, the household small dryer, adopts an integrated structure design with a compact body, perfect for home use. Featuring an all - stainless - steel body, it ensures 100% pollution - free drying and is ready to use once connected to power. It's mainly used to dry common foods like fruits, vegetables, nuts, and meats. It's easy to operate — with an integrated structure and intelligent control system, it's plug - and - play. Suitable for home use, it works with 220v power input, no special power supply needed. It's safe and environmentally friendly, with a food - grade 304 stainless steel frame structure, and comes with built - in material trays.

Application schematic diagram



Technical Data

Mode		WLFS-10RLB1	WLFS-15RLB1	WLFS-20RLB1	WLFS-30RLB1
Power Supply	V/Ph/Hz	220/1/50			
Heating Capacity	kW	3.5	5.2	7.0	10.5
Rated Power	kW	1.1	1.5	2.2	3.3
Rated Current	A	6	9	12	18
Rapid temperature rise power (optional)	kW	1	1	2	2
Power	kW	2.5	3	5	6
Air volume	m³/h	700-1200	1000-1800	1500-2400	2000-3600
Dehydration capacity		3.5	5.2	7.0	10.5
Refrigerant	°C	R134a			
Maximum Air Outlet Temperature		85			
Drying Space	m³	0.75	0.75	0.9	1.2
Number of drying racks	Pcs	13	12	13	13
Tray dimension	mm	760x640x350	760x640x350	760x640x350	760x640x350
Unit dimension	mm	1200x700x1950	1200x700x1950	1300x800x2050	1800x800x2050
Operating environment	°C				
Noise	dB(A)	≤60	≤62	≤65	≤65
Unit weight	kg	175	210	260	420

Notes:
(1) Standard test working conditions: Rated cooling: dry - bulb temperature 20°C, relative humidity 60%; Rated heating: return air temperature 50°C, relative humidity 50%.
(2) Models, parameters and performance may change due to product improvement. Please refer to the product nameplate for specific parameters.