

Technology Protects The Blue Sky
Enesoon Changes The Word



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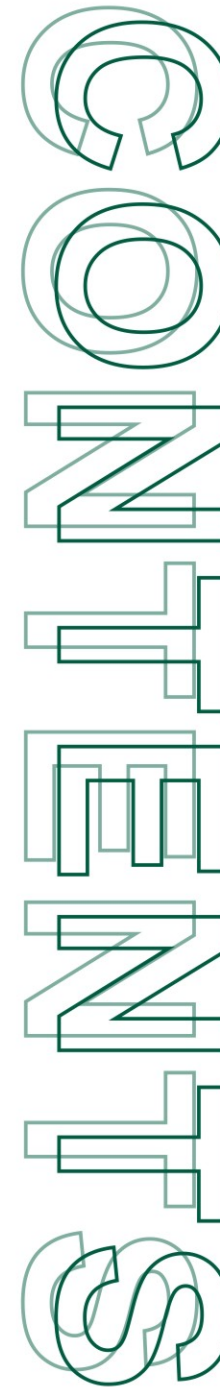
ENESOON CLEAN ENERGY PACKAGE



Enesoon (shenzhen) High-end Intelligent Equipment Co.,Ltd

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Values Dream Future



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› Company Profile

Enesoon (Shenzhen) high-end intelligent equipment Co., Ltd. It's a high-tech enterprise focusing on the core technology research and development, intelligent manufacturing, marketing and service of clean energy products. The headquarters and research institute of the company are located in China science and technology development building, nanshan district, shenzhen. The company has wholly-owned subsidiaries, Qingdao Enesoon intelligent equipment Co., Ltd. Guangzhou Enesoon high-end intelligent equipment Co., Ltd. and Enesoon (hunan) clean energy intelligent equipment industrial park Co., Ltd. The company has built high-end intelligent equipment industrial parks in Qingdao, Shandong province, Shaoyang and Hunan province. The main products are HSES intelligent mobile cooling and heating station, internal recycle heat pump series, constant temperature and humidity equipment, cold chain equipment, high energy consumption and energy saving transformation and plateau heat pump units. Enesoon has developed and manufacture the core components of clean energy products with intellectual property rights and developed phase-change materials which matching with the equipment, it has become core competence of the company..

The entire set of product are widely used in various fields, such as industry, agriculture, commerce and national defense etc. Enesoon utilizes advanced technology, equipment and marketing pattern to fulfill the demand of multiple fields for high quality, low cost and zero emission cooling, heating, water heating and stem. Enesoon promotes business model "industry+finance", marketing model "sales+ finance lease" and integrated model "finance+clean heat source solution+clean heat source unit solution" to serve customers throughout the process.



› Corporate Culture



Corporate Vision

China's leader in heat pump complete core technology



Corporate Objectives

- Strive to enter into the top three in China's heat pump equipment intelligent manufacturing industry
- Striving to be No. 1 among China's clean energy heat pump system solution field
- Strive to be No. 1 in China as professional service provider of clean energy series products



Enterprise Spirit

Integrity Profession Cooperation Innovation



Team Spirit

Work with dreams、goals and responsibilities



Business Philosophy

- Create value for customers
- Create benefits for employees
- Create profits for the company
- Contribute to the society



Service Purpose

Whole course service Wholehearted service
Driven by innovation Survive for quality

Enterprise Qualification



Product Introduction

Hybrid Smart Energy Storage Cooling & Heating Mobile Station



Product Features

- ◆ It adopts standardized modular combination to integrate power distribution, function and intelligent energy management, which can realize quick installation, very convenient and fast; the system can also be freely expanded and flexibly copied.
- ◆ The internal circulation system can be utilized for both heating and cooling systems. The thermal storage cell system utilize special energy storage material, Tageng No. 2, to achieve 24-hour sensitivity adjustment, and to realize energy saving and high efficiency.
- ◆ Multi-energy complementary, responsive, and reliable operation.
- ◆ DCS distributed control, remote control, unattended, ensuring a stable supply of air conditioning.

Product Specification

Product series			HSES-M1-5000 serie	HSES-M1-2500 serie
Function			Cooling and Heating	Cooling and Heating
Designed Cooling & Heating Area		m ²	5000	2500
Heating model	Rated heating capacity	KW	250	125
Rated input power		KW	92.9	46.5
Overall energy efficiency ratio			2.6-2.8	
Cooling model	Rated heating capacity	KW	239.2	119.6
Rated input power		KW	92	46
Overall energy efficiency ratio			2.4-2.6	
Set temperure		°C	Heating mode:15-50°C adjustable Cooling mode:5-25°C adjustable	
Energy storage	Daily heat storage	MJ	720	360
Dimension	L×W×H	mm	13716×2438×2896	12192×2438×2896
Net weight of equipment		T	10	8
Port of equipment		Piece	4(connect electricity,supply water,return water,replenish water)	
Production cycle		Day	60	
Life cycle		Year	30	

› Domestic Heat Pump Hot Water Unit



Product Features

- ◆ Utilize the safe water and electricity separation technology: the heat will be transferred through the refrigerant and heat exchanger, thus to achieve safe separation of water and electricity, the safety of usage is assured.
- ◆ It has great heating and insulation capacity, which will be more energy-saving: it adopts the design of central water supply system to realize multi-point three-dimensional hot water supply, and can meet the demand of domestic water such as bathing, washing, kitchen, etc., so that you can enjoy using the hot water without worries and enjoy life with your families.
- ◆ The special compressor for heat pump not only guarantees the reliable operation of the product, but also greatly improves the operating efficiency of the product, especially for the low temperature state, the effect is more prominent, and it can still operate stably under extreme and inferior climate.

Product Specification

Model	ENE-3KCR	ENE-4KCR(V)
Power Specifications	220V ~ 50Hz	220V ~ 50Hz
Heating capacity (kW)	3.1	4
Heating power consumption (W)	756	795
Water output (L/h)	75	77
Refrigerant working medium	R407C/R410A	R407C/R410A
Outlet water temperature (°C)	Default is 55 °C , it can be adjusted ranges from 40-60 °C	Default is 55 °C , it can be adjusted ranges from 40-60 °C
Maximum power (W)	1134	1192
Max working current (A)	5.15	5.42
Anti-shock type	I	I
Protection level	IPX4	IPX4
Water tank weight (kg)	58	65
Dimensions (mm)	700 × 534 × 250	700 × 534 × 250
Configuration of the water tank (L)	150	200
Water tank size (mm)	Φ480 × 1514	Φ520 × 1589
Water tank weight (kg)	57	67
Water tank connection pipe diameter(inch)	4	4
Applicable ambient temperature range(°C)	-7 ~ 45	-7 ~ 45
Decibels of sound (A)	≤50	≤50
Applicable water users	3 ~ 8	5 ~ 8
Testing Conditions	Air side: Temperature of dry bulb is 20℃, of wet bulb is 15 °C; Hot water side: The initial temperature is 15 °C and termination temperature is 55 °C.	

› Domestic Heat Pump Hot Water Unit



Product Features

- ◆ The Enesoon Household Heat Pump comes in 3 different model sizes. Frost resistant, digital interface with a wide operating temperature range - it is jam packed with features.
- ◆ Our Heat Pump offers a full range of manual and automated system models, so you can rest assure that your hot water is looking after your home or business.
- ◆ Inbuilt frost protection to prevent frost build up and icing. This means your unit is protected and provides quality heating in cold weather.
- ◆ Advanced operations and super efficient, with an energy rating like no other – saving you up to 80% on your energy bills.
- ◆ Very low operating noise. Our unique heat pump design allows for quiet operation.
- ◆ With a wide operating temperature range this heat pump is made for majority conditions. It has an ambient operating range from -7°C to +45°C.
- ◆ Fully approved under the VIC and NSW Energy Upgrades Scheme, meaning huge subsidies in place.
- ◆ A fan draws in air, containing heat energy, across the evaporator.
- ◆ The evaporator turns the liquid refrigerant into a gas, The compressor pressurises the refrigerant into a hot gas.
- ◆ The hot gas inside the condenser coil heats the water inside the coil-wrapped tank.
- ◆ The refrigerant reverts back to a liquid after heating the water and continues to the evaporator for the process to start again.

Product Specification

Model	ENE-320LHPWH	ENE-270LHPWH	ENE-170LHPWH
Power Specification	220V ~ 50Hz	220V ~ 50Hz	220V ~ 50Hz
Heating capacity(kW)	4.3	4.3	4.3
Heating power consumption(W)	550	550	550
Water Storage(L)	320	270	170
Refrigerant working medium	R134a/0.95	R134a/0.95	R134a/0.95
Outlet water temperature(°C)	Max 70	Max 70	Max 70
Water inlet	3/4BSP inch	3/4BSP inch	3/4BSP inch
Water Outlet	3/4BSP inch	3/4BSP inch	3/4BSP inch
Max working current(A)	3.0	3.0	3.0
Rated inlet pressure(kPa)	850	850	850
Protection level	IPX4	IPX4	IPX4
Water tank weight(kg)	90	75	70
Dimensions(mm)	800*800*2000	720*720*2100	720*720*2070
Water tank size(mm)	Φ700*1860	Φ620*1960	Φ620*1930
Applicable ambient temperature range(°C)	-7 ~ +45	-7 ~ +45	-7 ~ +45
Decibels of sound(A)	50	50	50

› Commercial Ultra-low Temperature Heat Pump Hot Water Unit



Product Features

- ◆Touch-type man-machine interface, fully automatic operation, display equipmentstatus, operation mode, water temperature and fault code and other functions.Access to the Internet opens up "Internet+" life.
- ◆Accurate control of air supply, to meet the requirements of greatly improving quality and energy efficiency at low ambient temperature, super heating capacity.
- ◆Large evaporation area, efficient heat exchange, fast defrosting, fast defrosting water,acid rain, durable.
- ◆Strong waterproof, strong toughness, no deformation, large amount of air exhaust.
- ◆Special waterproof design, high efficiency and energy saving, stable and reliable, low noise.
- ◆Precise adjustment of refrigerant flow and pressure, easy to fully evaporate, absorb more heat.
- ◆Comprehensive heat transfer performance of wall side circulation and complex scour boundary layer, resistance to high temperature steam, impact corrosion and scale formation.
- ◆The original valve chamber design and refrigerant flow logic position arrangement scheme reduce the internal leakage of the high and low pressure side and obtain higher energy efficiency ratio.
- ◆Fully intelligent, automatic real-time monitoring and detection, fast and accurate to reach the preset temperature.

Product Specification

Model		ENE-16KDRB	ENE-32KDRB	ENE-60KDRB
Applicable ambient temperature range	℃	-25-43	-25-43	-25-43
Nominal heating capacity	KW	16.5	33	60
Energy efficiency ratio COP	W/W	3.7	3.8	3.8
Nominal inout power	KW	4.45	8.7	15.6
Max. working current	A	12.5	26	48
Water output	L/h	355	710	1290
Protection level	/	IPX4		
Power form	/	380V 3N/50Hz		
Refrigerant type	/	R407C/R410A		
Max. Outlet water temperature	℃	60		
Water tank connection pipe diameter	inch	G1" Internal Thread	G1.5 "Internal Thread	Dn100
Circulating water volume	m³/h	2.8	5.7	10.3
Decibels of noise	dB(A)	56	62	69
Dimensions	mm	1120×435×1355	1500×692×1370	2100×1100×2000
Unit net weight	kg	155	350	700
1.Testing condisitons: Air side: temperature of dry bulb is 20℃/ wet bulb 15℃, initial temperature of hot watern is 15℃ and termination temperature is 55℃.				
2.Models and parameters are subject to change due to product improvement without prior notice. The subject parametersare subject to nameplate parameters.				

› Commercial Heat Pump Hot Water Unit



Product Features

- ◆Touch-type man-machine interface, fully automatic operation, display equipmentstatus, operation mode, water temperature and fault code and other functions.Access to the Internet opens up "Internet+" life.
- ◆Accurate control of air supply, to meet the requirements of greatly improving quality and energy efficiency at low ambient temperature, super heating capacity.
- ◆Large evaporation area, efficient heat exchange, fast defrosting, fast defrosting water,acid rain, durable.
- ◆Strong waterproof, strong toughness, no deformation, large amount of air exhaust.
- ◆Special waterproof design, high efficiency and energy saving, stable and reliable, low noise.
- ◆Precise adjustment of refrigerant flow and pressure, easy to fully evaporate, absorb more heat.
- ◆Comprehensive heat transfer performance of wall side circulation and complex scour boundary layer, resistance to high temperature steam, impact corrosion and scale formation.
- ◆The original valve chamber design and refrigerant flow logic position arrangement scheme reduce the internal leakage of the high and low pressure side and obtain higher energy efficiency ratio.
- ◆Fully intelligent, automatic real-time monitoring and detection, fast and accurate to reach the preset temperature.

Product Specification

Model		ENE-16KDR	ENE-32KDR	ENE-45KDR	ENE-70KDR	ENE-90KDR
Applicable ambient temperature range	℃	-15-43	-15-43	-15-43	-15-43	-15-43
Nominal heating capacity	KW	18	36	45	70	90
Energy efficiency ratio COP	W/W	4.3	4.2	4.2	4.1	4.1
Nominal inout power	KW	4.2	8.57	10.7	17	21.9
Max. working current	A	14	24.8	30	45	58
Water output	L/h	387	774	967	1505	1935
Protection level	/	IPX4				
Power form	/	380V 3N/50Hz				
Refrigerant type	/	R407C/R410A				
Max. Outlet water temperature	℃	60				
Water tank connection pipe diameter	inch	G1" Internal Thread	G1.5 "Internal Thread	G1.5 "Internal Thread	Dn100	Dn100
Circulating water volume	m³/h	3.1	6.2	7.74	12.04	15.48
Decibels of noise	dB(A)	56	59	65	69	72
Dimensions	mm	750×690×1070	1500×690×1070	1500×692×1370	2100×1100×2000	2100×1100×2000
Unit net weight	kg	150	290	350	700	800
1.Testing condisitons: Air side: temperature of dry bulb is 20℃/ wet bulb 15℃, initial temperature of hot watern is 15℃ and termination temperature is 55℃.						
2.Models and parameters are subject to change due to product improvement without prior notice. The subject parametersare subject to nameplate parameters.						

› Ultra-low Temperature Heating And Cooling Unit



Product Features

- ◆ Enesoon EVI low-temperature heat pump unit adopts international leading level of EVI technology. The energy efficiency of this product is 30% higher than other similar products in low-temperature environment, it is the preferred heating unit for northern regions.
- ◆ The main engine is equipped with water pump(optional), extension tank, water flow switch, automatic pressure relief valve and automatic exhaust valve etc. To keep the entire circulatory system balanced and stable at all time.
- ◆ The main engine is equipped with automatic variable speed fan motor, the control system automatically adjusts the fan motor speed according to the outdoor air temperature monitored in real time. Automatically reduce load according to the reduction of heating area and enter low wind speed operation in order to achieve silent operation at night.
- ◆ The main engine adopts EVI technology and equipped with electronic valve, approved to operate heating between -35-25℃, cooling between 15-43℃. To widen unit operating temperature range under severe cold and intense heat environment, improve the stability of the unit operation.
- ◆ The structure design of the main engine and the key control noise source between components, AT fan motor, integral wind inlet guide, sheet metal sound absorption design and anti-vibration axial fan blade, etc. It formed “Quadruple” noise reduction.
- ◆ The control system monitors temperature changes in key parts of the main frame system, including exhaust temperature, ambient temperature, fin temperature, heat exchanger temperature, gas inlet temperature, inlet temperature and outlet water temperature are monitored and controlled, and the operation of compressor and fan motor able to quickly adjusted to meet the changes of indoor requirement.
- ◆ Indoor heat transfer terminal water system are liquid water, non-pipe range leads to the decrease of air conditioning capacity. The built-in expansion tank and other hydraulic modules ensure the highest height difference between indoor and outdoor machines remain stable.

Product Specification

Model		ENE-32KDKCB	ENE-65KDKCB	ENE-90KDKCB	ENE-140KDKCB
Applicable ambient temperature	℃	-35-43			
Power supply	/	380V 3N/50Hz			
Anti-shock type	/	Class I			
Protection level	/	IPX4			
Refrigerating capacity/cop	KW/-	27.0/2.8	53.0/3.0	70.0/2.8	130.0/2.8
Low temperature heating capacity	KW/-	20.0/2.3	37.5/2.5	55.0/2.4	82.0/2.5
Nominal heating capacity	KW/-	32.0/3.6	63.0/3.9	90.0/3.6	146.0/3.9
Heating capacity	A7W35/COP	KW/-	33.0/4.3	65.0/4.5	92.0/4.3
	A-7W45/COP	KW/-	23.5/2.6	41.0/2.6	62.0/2.6
	A-15W45/COP	KW/-	19.5/2.2	34.0/2.2	50.0/2.2
	A-20W45/COP	KW/-	16.5/2.0	30.2/2.0	43.0/2.0
Cooling capacity	KW	9.6	17.7	25	46.4
Low temperature heating capacity	KW	8.7	15	22.9	32.8
Nominal heating power	KW	8.9	16.2	25	37.4
Max working current	A	25	47	65	110
Max outlet water temperature	℃	60			
Water-carrying capacity	m³/h	4.6	9.1	12	22.4
Refrigerant type	/	R407C/R410A			
Dimensions	mm	1530×750×1370	2100×1100×2000	2100×1100×2000	2100×2060×2250
Decibels of noise	dB(A)	65	68	68	69
Equipment weight	kg	350	850	950	1900
Mainframe connection pipe diameters	/	G1.5" external thread	Dn50 flange	Dn65 flange	Dn65 external thread

› Heating And Cooling Unit



Product Features

- ◆ The main engine is equipped with automatic variable speed fan motor, the control system automatically adjusts the fan motor speed according to the outdoor air temperature monitored in real time. Automatically reduce load according to the reduction of heating area and enter low wind speed operation in order to achieve silent operation at night.
- ◆ The main engine adopts EVI technology and equipped with electronic valve, approved to operate heating between -35-25℃, cooling between 15-43℃. To widen unit operating temperature range under severe cold and intense heat environment, improve the stability of the unit operation.
- ◆ The structure design of the main engine and the key control noise source between components, AT fan motor, integral wind inlet guide, sheet metal sound absorption design and anti-vibration axial fan blade, etc. It formed “Quadruple” noise reduction.
- ◆ The control system monitors temperature changes in key parts of the main frame system, including exhaust temperature, ambient temperature, fin temperature, heat exchanger temperature, gas inlet temperature, inlet temperature and outlet water temperature are monitored and controlled, and the operation of compressor and fan motor able to quickly adjusted to meet the changes of indoor requirement.
- ◆ Indoor heat transfer terminal water system are liquid water, non-pipe range leads to the decrease of air conditioning capacity. The built-in expansion tank and other hydraulic modules ensure the highest height difference between indoor and outdoor machines remain stable.

Product Specification

Model		ENE-9KCKC	ENE-13KCKC	ENE-18KCKC	ENE-34KDKC
Applicable ambient temperature	℃	-15-45			
Power supply	/	380V 3N/50Hz			
Anti-shock type	/	Class I			
Protection level	/	IPX4			
Rated heating capacity (A7W35)	Heating capacity	KW	9.0	13.6	18.2
	Input power	KW	2.2	3.4	4.4
	COP	/	4.12	3.98	4.10
Rated cooling capacity (A35W7)	Working current	A	4.1	6.5	8.4
	Cooling capacity	KW	7.5	12.5	16.5
	Input power	KW	2.7	4.2	5.8
Max input power	EER	/	2.8	3.0	2.9
	Max working current	A	5.8	7.0	7.8
	Max outlet water temperature	℃	8.0	12.0	14.0
Water flow	m³/h	2.2	2.2	2.8	4.7
Refrigerant type	/	R410A			
Dimensions	mm	1115×425×712	1030×380×1335	1030×380×1335	1500×690×1070
Decibels of noise	dB(A)	≤58	≤60	≤60	≤65
Equipment weight	kg	90	120	130	350
Mainframe connection pipe diameters	/	Dn25 internal thread	Dn32 internal thread	Dn32 internal thread	Dn32 internal thread

› High Temperature Drying Intelligent Heat Pump



Product Features

- ◆High efficiency and energy saving: adopt international famous brand compressorand heat pump special compressor, environmental protection refrigerant, high efficiency heat exchanger, adhering to heat pump control technology, special high temperature heating system. The system is more stable, with highthermal efficiency of high temperature drying (80-85℃), saving energy significantly, and the cost of producing heat is much lower than that of electric heating, gas and fuel oil.
- ◆Easy to use: only power on can start the operation, no need for special room prevention equipment;
- ◆Green environmental protection: high temperature hot water can be used as thermal medium to bake the required drying materials through heat pump drying equipment. The unit eliminates the pollution of waste gas and waste residue caused by combustion.
- ◆Safety and stability: automatic operation, intelligent control, no need for specialequipment and operation. Low pressure protection, insufficient water flow, anti-freezing protection, high and low water outlet temperature,multiple protection, such as large temperature difference, to ensure the safe and stable operation of the unit in bad working conditions.

Product Specification

Model		ENE-13KCH	ENE-16KCH	ENE-26KCH	ENE-32KCH	ENE-60KCH
Application environment range	℃	-7-43	-7-43	-7-43	-7-43	-7-43
Nominal heating capacity	KW	13	16	26	32	60
Nominal heating inout power	KW	4.33	5.33	8.67	10.67	20
Input current	A	12	14	25	30	60
Max.operating current	A	15.6	18.2	32.5	39	78
Weight	kg	130	140	230	300	600
Protection level	/	IPX4				
Power form	/	380V 3N/50Hz				
Refrigerant type	/	R134a				
Safety device	/	High and low voltage protection, over current protection, temperature protection, power phase sequence protection				
Dimensions	mm	1080×1040×1100	1080×1040×1100	1720×1060×1100	1720×1060×1100	2100×1100×2000
Internal machine air volume	m³	15	20	30	38	76

› Swinmming Pool Heat Pump



Product Characteristics :

- ◆ Cooling & Heating, Aluminum Cabinet, on/off.
- ◆ Innovated, unique and graceful design, provides a more personalized solution for above ground pools or spas.
- ◆ Apply the most efficient and environment-friendly refrigerant type---R32:
R32 is the new generation refrigerant with around 8% higher COP, 5% high EER; And GWP only 675, about 68% lower than the traditional R410a!
- ◆ Renewed internal structure design :
Vertical water inlet / outlet , added water flow switch, 2 rows L-shaped evaporator etc., ensures much higher energy efficiency.
- ◆ Revolutionary inner-grooved OBLATE TUBE titanium heat exchanger:
Heat exchanging efficiency is initially 30% higher than spiral tubes.
- ◆ Various safety protection:
Low pressure switch, RCD plug, over ambient / water temp. , compressor discharge etc., ensures an unworried running, enjoy your fun with it!

Product Parameters:

Factory Model No.		ENE-3KCY	ENE-5KCY	ENE-7KCY	ENE-9KCY	ENE-12KCY	ENE-14KCY	ENE-16KCY
<Performance at Air 27℃, Water 27℃, Relative Humidity 80%>								
Heating capacity	kW	3.35	5.46	7.24	9.43	11.7	13.6	15.6
Power consumption	kW	0.64	1.03	1.37	1.75	2.13	2.47	2.84
COP	W/W	5.2	5.3	5.3	5.4	5.5	5.5	5.5
<Performance at Air 15℃, Water 26℃, Relative Humidity 70%>								
Heating capacity	kW	2.3	3.7	4.7	6.7	8.0	9.3	10.9
Power consumption	kW	0.60	0.92	1.18	1.66	1.91	2.26	2.65
COP	W/W	3.9	4.0	4.0	4.0	4.2	4.1	4.1
Advised pool volume (with cover)	m³	0-10	10-16	15-26	25-32	30-60	40-68	55-80
Net Weight	kg	34	38	48	53	63	75	79
Gross Weight	kg	36	40	51	57	67	79	88
Net Dimension (WxDxH)	mm	759*300*510		942*363*550		1049*413*702		
Package Dimension (WxDxH)	mm	862*325*523		1052*388*564		1145*437*842		
Loading per 20'ft	pcs	138		96		48		
Loading per 40 ft	pcs	372		198		144		
Loading per 40'HQ	pcs	372		198		144		

› Swimming Pool Heat Pump

Product Characteristics :

- ◆ Cooling & Heating, Galvanized Steel Cabinet, on/off. Top Discharge.
- ◆ Innovated, unique and graceful design, provides a more personalized solution for above ground pools or spas
- ◆ Apply the most efficient and environment-friendly refrigerant type---R32 : R32 is the new generation refrigerant with around 8% higher COP, 5% high EER; And GWP only 675, about 68% lower than the traditional R410a!
- ◆ Renewed internal structure design:
Vertical water inlet / outlet , added water flow switch, 2 rows L-shaped evaporator etc., ensures much higher energy efficiency.
- ◆ Revolutionary inner-grooved OBLATE TUBE titanium heat exchanger: Heat exchanging efficiency is initially 30% higher than spiral tubes.
- ◆ Various safety protection:
Low pressure switch, RCD plug, over ambient / water temp. , compressor discharge etc., ensures an unworried running, enjoy your fun with it!



Product Parameters:

Factory Model No.		ENE-12KDY	ENE-14KDY	ENE-17KDY	ENE-21KDY	ENE-26KDY	ENE-30KDY	ENE-37KDY
<Performance at Air 27℃, Water 27℃, Relative Humidity 80%>								
Heating capacity	kW	12.2	14	16.7	20.5	25.8	30.5	37.5
Power consumption	kW	2.35	2.64	3.15	3.80	4.69	5.55	6.82
COP	W/W	5.2	5.3	5.3	5.4	5.5	5.5	5.5
<Performance at Air 15℃, Water 26℃, Relative Humidity 70%>								
Heating capacity	kW	8.7	9.9	11.7	14.1	18.6	22.0	27.0
Power consumption	kW	1.92	2.37	2.72	3.21	4.42	5.23	6.43
COP	W/W	4.5	4.2	4.3	4.4	4.2	4.2	4.2
Advised pool volume (with cover)	m³	20-45	28-58	40-83	46-91	60-110	72-130	85-166
Power supply		220-240V 50Hz 1Ph				380-415V 50Hz 1Ph		
Refrigerant		R32	R32	R32	R32	R410A	R410A	R410A
Fan quantity	/	1	1	1	1	1	1	2
Fan speed	RPM	850	850	850	850	850	850	850
Noise level (1m)	Db(A)	55	56	56	58	58	60	65
Water connection	mm	50						
Net Dimension (WxDxH)	mm	750×740×860			750×775×860			1250×775×910
Packing Dimension (WxDxH)	mm	790×795×926			790×840×926			1320×840×976
Loading QTY per 20'ft	pcs	28			28			22
Loading QTY per 40 ft	pcs	56			56			44
Loading QTY per 40'HQ	pcs	56			56			44

› Intelligent Falling Film Evaporation Integrated Refrigerator Station



Product Features

- ◆Quick installation : All component equipment and connection pipes are assembled in the factory and integrated into the overall structure. On-site installation with outdoor rainproof shell, no machine room needed.
- ◆Short debugging period : The operational testing is finished before leaving the factory, reducing on-site debugging time.
- ◆High efficiency : The integrated cooling-water staion including compressor, water pump and cooling fan.Its COP and LPLV are significantly higher than air-cooled and water-cooled machine room system.
- ◆Stability : Equipments are assembled and integrated in the factory to ensure the product safety and stability by pressure, airtight,electric and performane test.
- ◆Simple operation : Adopts industrial touch tablet as human-computer interface, to monitor and control compresor, water pump, cooling fan and otherinstruments in one interface.
- ◆Condensation heat recovery(optional) : While in the process of refrigeration, up to 60℃ hot water can be used for heating or sanitary water by heat recovery heat exchanger.
- ◆Mutiple natual cooling modes(optional)

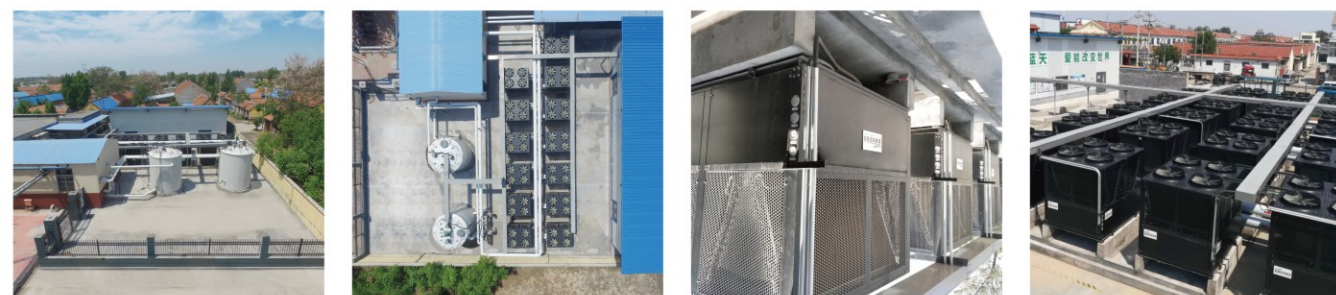
Product Specification

ICSB2-S series integrated chiller station (screw compoessor,R134a, single system)												
Model	195S	220S	250S	315S	340S	385S	470S	540S	620S	700S	760S	845S
Refrigerating capacity (KW)	190	217	247	309	334	381	464	531	609	692	749	831
Rated power (KW)	40	47	55	66	71	79	99	113	127	145	164	181
Rated current (A)	77	89	102	117	131	148	178	204	225	265	295	329
Performance ratio	4.7	4.6	4.5	4.7	4.7	4.8	4.7	4.7	4.8	4.8	4.6	4.6
Water-carrying capacity (m³/h)	33	37	42	53	58	65	80	91	105	119	129	143
Water pipe diameter (mm)	100	100	100	125	125	125	150	150	150	200	200	200
Weight (kg)	4420	4930	5490	6490	7150	7820	9060	9820	11110	11570	15530	13350
Dimensions (mm)	3850 2400 3350	4050 2400 3350	4200 2600 3350	4100 2800 3350	4800 2800 3350	5450 2600 3350	5800 2800 3350	6200 2800 3350	6500 3000 3350	6800 3000 3350	7200 3000 3350	7500 3000 3350
ICSB2-D series integrated chiller station(screw compoessor,R134a, double system)												
Model	390D	440D	500D	630D	680D	770D	940D	1080D	1240D	1400D	1520D	1690D
Refrigerating capacity (KW)	381	433	493	618	669	761	928	1061	1218	1384	1499	1663
Rated power (KW)	79	95	105	131	145	169	198	225	248	290	319	347
Rated current (A)	151	179	196	232	270	317	357	404	436	528	574	628
Performance ratio	4.8	4.6	4.7	4.7	4.6	4.5	4.7	4.7	4.9	4.8	4.7	4.8
Water-carrying capacity (m³/h)	65	74	85	106	115	131	160	183	210	238	258	280
Water pipe diameter (mm)	125	125	150	150	150	200	200	200	200	250	250	250
Weight (kg)	8450	9230	9610	11870	12800	14220	16280	18200	20400	21730	23140	25030
Dimensions (mm)	4950 2600 3350	5300 2800 3350	5300 2800 3350	6000 3000 3350	6800 3000 3350	7500 3000 3350	8100 3000 3350	9100 3000 3350	9900 3000 3350	10500 3000 3350	10800 3000 3350	11500 3000 3350
Testing conditions	Cold water inlet water temperature 12℃, outlet water temperature 7℃, environment temperature24℃(standard) or 28℃ (Super high efficient), power supply type: 380V/3N/50Hz											

› Engineering Cases

Shandong Sunjiaji Street Clean Energy Town

Project address: Sunjiaji Street Office, shougaung, Weifang City
Heating area: 200,000 m²
Number of equipment: 25 Enesoon 130KWV air source ultra-low temperature heat pump



› Engineering Cases

Weihai Wendeng Project

Wendeng project address: Jinlingshanzhuang Community, Wendeng District, Weihai City, Shandong Province
Heating area: 210,000 m²
Number of equipment: 34 sets of 140KW air source heat pump



Typical Cases

Application Projects Of Cooling And Heating Joint Supply

Project address: North side of the People's Government of Lugang Township, Changyi County, Henan Province
Heating area: 42,000 m²
Number of equipment: 17 air source heat pump equipment and other equipment



Typical Cases

Xiongan Project In Baoding,Hebei Province

Xiong'an project address: Hot Spring Garden Community, Jianshe Street, Anxin County, Xiong'an New District, Baoding City, Hebei Province
Heating area: 120,000 m²
Number of equipment: 17 Enesoon equipment (1 1200KW+1 1650KW+1 480KW water source heat pump, 4 45KW+8 130KW air source ultra-low temperature heat pump, 2 90KWN sewage source heat pump)



› Application Projects Cases



Wangbei New Village,
Jimo District, Qingdao

Project address: Jimo District, Qingdao
Heating area: 50,000 m²

› Application Projects Cases



Sanyuanzhu village, Sunjiaji
Street, Shouguang City

Project address: Weifang City,
Shandong Province
Heating area: 57,000 m²



Jizhong Energy Mine Group
General Hospital

Project address: Jingxing Mining Area,
Shijiazhuang City
Heating area: 28,000 m²



Shenbao Development
Baoshen S & T Park

Project address: Lianchi District,
Baoding City
Heating area: 5000m²



Lizhuang Town Qinglong
Court

Project address: Huimin County,
Binzhou City
Heating area: 15,000 m²



Fusheng Food Company

Project address: Dongguan City,
Guangdong Province
Heating area: 500m²

› Company Service

Service concept: whole course service wholehearted service

The company implements the package service concept of “Worry-free”, providing customers with perfect service before, during and after sales. The premise of customer value-added and good feelings helps to enhance the core competitiveness of the company. Enesoon is trying to provide customers with professional and comprehensive caring services.

Service Commitment: Excellence Product Lifelong Maintenance

Pre-sales: free system consulting, design services and cost accounting
In the sale: free home delivery, professional and efficient, quick installation, providing operators with maintenance and training services
After-sales: commercial machine free warranty for 24 months, free maintenance for life; establish customer files, one file per machine, full tracking service, 24-hour on-site inspection and maintenance, quick troubleshooting.



›Service Advantages



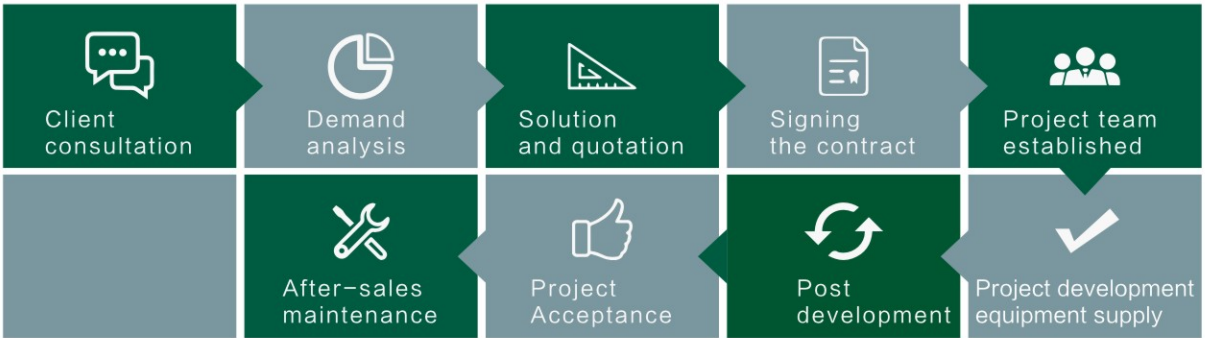
›Service Process



›Service Channel



›Cooperation Process



Cooperative Client

