

## Full DC Inverter Technology

Athena Series perfectly combines eco-friendly R290 refrigerant and inverter technology to produce efficient house heating/cooling hot water even under extreme cold climate.

### ▶ DC Inverter Compressor

Compared to AC drive technology, DC inverter speed technology usually modulates control process of the compressor more precisely, thus improving transmission efficiency and reducing noise and energy consumption of the compressor.

### ▶ DC Inverter Fan Motor

With better dynamic balance and reducing turbulent flow noise, heat pump work efficiency is greatly improved.



## Noise Reduction Technology

Linked-Go dedicates to creating super quiet running environment for the user.

Athena Series adopts multiple noise reduction technologies, every product has been repeatedly tested and optimized.

### ▶ Shock Absorption & Noise Reduction Technology

Athena Series offers suspension chassis which can greatly minimize vibration and reduce noise.

### ▶ Soundproof Isolation

All-sided of cabinet is fully wrapped with Soundproof sponge material, which can efficiently absorb and block out the noise from compressor operation.



## Specification

Model	Unit	KR290-2	KR290-4	KR290-4T	KR290-6	KR290-6T
<b>Electrical data</b>						
Rated voltage	V	230V	230V	400V	230V	400V
<b>General</b>						
Heating air temperature range	°C	-25~38				
Cooling air temperature range	°C	15~43				
Heating water temperature range	°C	20~75				
Width	mm	1167	1287	1250		
Height	mm	795	928	1330		
Depth	mm	407	458	540		
<b>Noise emissions</b>						
Sound power LWA EN12102 (A7°C / W55°C)	dB	60	61	61	67	67
Sound pressure at 1m	dB(A)	45	46	46	48	48
<b>Efficiency</b>						
Heating capacity range	kW	2-10	4-14	4-14	5-23	5-23
Rated heat output (Average 35°C / 55°C) Test standard: EN14825	kW	7 / 7	12 / 12	12 / 12	17 / 17	17 / 17
Rated heat output (W30/35 °C, A7°C/6°C) Test standard: EN14511	kW	9.6	14.7	14.7	23.2	23.2
SCOP Average climate 35°C / 55°C		4.9 / 3.5	4.7 / 3.6	4.7 / 3.7	4.7 / 3/7	4.7 / 3/7
Cooling capacity (W7 °C / A 35 °C) Test standard: EN14511	kW	6.7	10.8	10.8	17.2	17.2
Cooling capacity (W18 °C / A 35 °C) Test standard: EN14511	kW	9.2	13.5	13.6	20.2	20.2
Energy efficiency class 35°C / 55°C		A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
<b>Circulation</b>						
Rated flow rate	m³/h	1	1.7	1.7	2.9	2.9
External pressure at rated flow	kPa	75	50	50	65	65
<b>Refrigerant circuit</b>						
Type of refrigerant		R290				

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LINKEDGO

## Athena Series

Heating/Cooling+DHW Heat Pump



## Why Choose Us



### Intelligence

Different from traditional manufacturers, we make the product ecosystem smarter with the help of powerful IoT-linked remote and voice control.



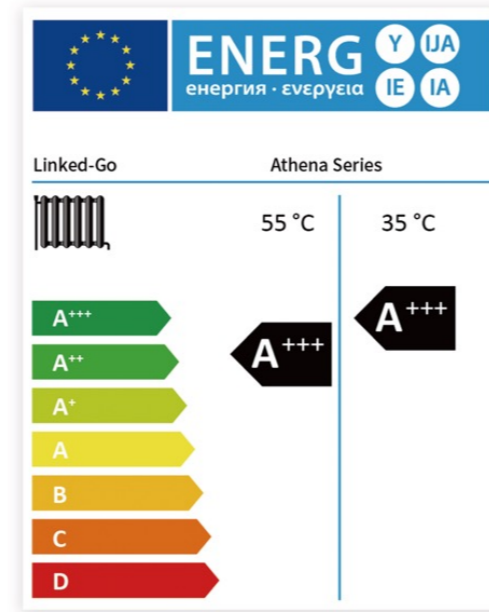
### Personalization

Not only heat pump appearance design, heat pump controller and thermostat, but also APP and PC management system, all can be customised.



### Systematization

We offer a one-stop solution that includes integration of cloud, user interface, controller and equipment.



To reduce carbon emission to the environment and curb global warming, Linked-Go develops R290 air to water heat pump-Athena Series. With many advantages such as low carbon emission and high efficiency, R290 refrigerant is recognized as a refrigerant with the most development potential in the industry, which contributes to the reduction of carbon emission and help achieve the global goal of carbon neutrality.

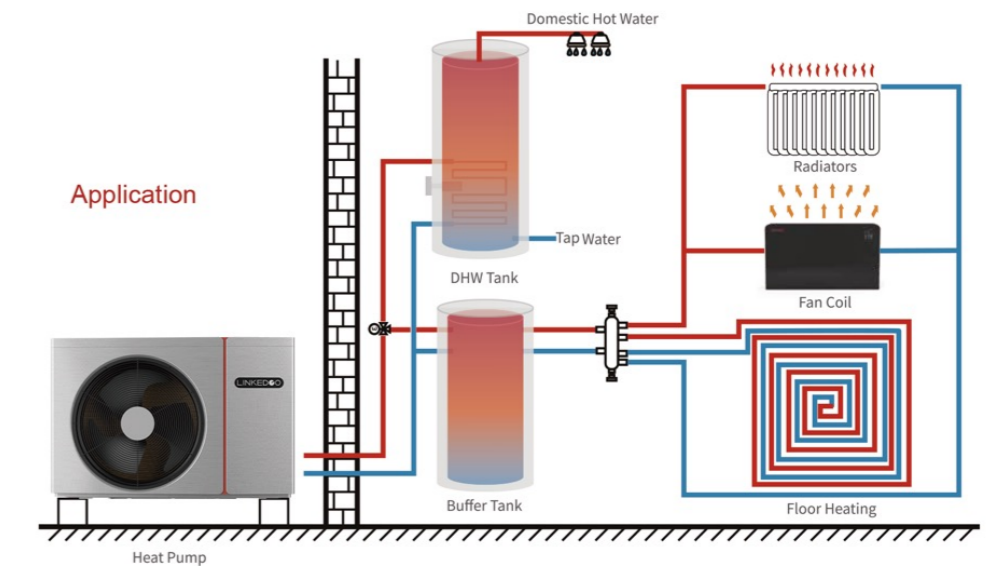


## Super High Efficiency A+++

Athena Series air-to-water heat pump is specially developed with the most cutting-edge heat pump technology and modern design to meet stringent requirements for efficiency, stability and quieness. Not only does Athena Series use R290 green gas and inverter technology, but also is rated with A+++ energy label. With top energy rating A+++ , the unit is energy efficient and can greatly reduce energy bills for user.

## Installation with Athena Series

Linked-Go monoblock heat pumps can provide heating/cooling and domestic hot water. Floor heating loops is used for space heating while fancoil unite can be used for space heating and cooling. Domestic hot water is supplied from the domestic hot water tank connected to the heat pump.



## Linked-Go Smart Control

Smart App control brings a lot of convenience to users. Temperature adjustment, mode switching, and timer setting can be achieved on your smart phone. Moreover, you can know power consumption statistics and fault record anytime and anywhere.

