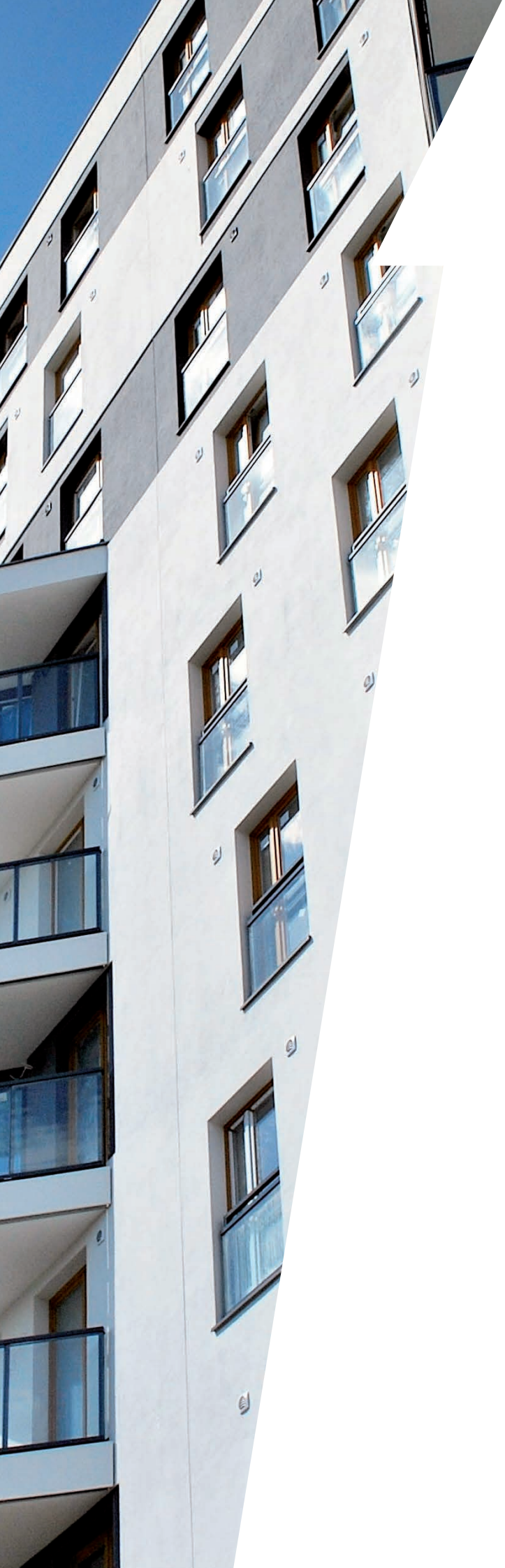


WELL-BEING FOR YOUR HOME

The most demanding customers, attentive to technological developments, their benefits and respect for the environment, will find a practical solution in the new **RESIDENTIAL MONOSPLIT/MULTISPLIT R32** line, which offers a selection of the best the market has to offer for residential environment installations.

RESIDENTIAL AND COMMERCIAL R32

HOKKAIDO

WELL-BEING FOR **PEOPLE AND THE PLANET**

THE ADVANTAGES OF R32

In this day and age, environmental protection is considered by both users and professionals to be of the utmost importance.

Choosing an air conditioner with the new R32 refrigerant helps achieve excellent comfort in both cooling and heating, reducing polluting emissions.

The most relevant aspect of the R32 gas is its 675 GWP value, which makes it possible to create systems containing up to 7 kg of gas without exceeding the threshold requiring a characteristic leakage control, keeping of the equipment register; a threshold that for a R410A gas has already been surpassed by 2.4 kg of gas.

- Environmentally friendly.
- **Non-toxic**.
- Slightly flammable.
- Not harmful and does not present risks to the ozone.
- Very efficient.

WHY CHOOSE R32?

The specific name of R32 gas is difluoromethane. Currently, it is present among the low-value GWP fluorinated gases, equal to 675, and is used in residential use air conditioning units.

There is no requirement to replace the current R410A gas, which therefore remains regularly on the market, except in monosplit applications with refrigerant <3 kg where the use of gas with GWP<750 will be mandatory for new installations beginning in 2025.

There are certain limitations on particular conditions of use that must be considered in accordance with the regulations in force.

STORAGE, STANDARDS AND DESIGN

When storing units containing R32, it may be necessary to revise the Fire Prevention Certificate depending on the quantities stored, to guarantee the validity of its insurance coverage (Presidential Decree 151/2011). The transport of dangerous goods is regulated by Leg. Decree 35/2010. R32 has been classified as slightly flammable by ISO 817 and as such has no stringent restrictions on road transport (ADR in force), maintaining a strict regulation in maritime (IMDG in force) and aeronautical (IATA in force) transport.

The EN 378:2016 standard also regulates the applications of appliances using R32 gas. The maximum concentration limits of gas in residential applications must always be verified, with particular regard to multisplit systems that can potentially concentrate high quantities of refrigerant in small-sized environments (in case of leakage). **R32 gas is heavier than air and accumulates in the event of a leak**. Indoor units therefore follow different normative parameters depending on the type of application.

Installation in public buildings is regulated by specific standards concerning the application of appliances with flammable gases, such as: Min. Decree for Hotels 09/04/1994, Min. Decree for shopping centres 27/07/2010, Min. Decree for buildings for public entertainment 19/08/1996, Min. Decree for hospitals 18/09/2012, Min. Decree for schools 26/08/1992, Min. Decree for offices 22/02/2006, Min. Decree for games for children 16/07/2014, Min. Decree for airports 07/07/2014, Min. Decree for interports 18/07/2014.

The design, installation and maintenance of appliances with R32 gas are regulated by the following standards: Ministerial Decree 37/2008 provisions concerning the installation of plants inside buildings, Leg. Decree 81/2008 text on health and safety at work, F-gas 517/2014 regulation of fluorinated gases, Presidential Decree 151/2011 governing the procedures relating to fire prevention, EN 378:2016 refrigeration systems and heat pumps (requirements for plant safety).

With Ministerial Decree of 10 March 2020 and the subsequent Circular DCPREV 9833 of 22 July 2020 by the Fire Brigade, the technical provisions are updated allowing the possibility of using machines equipped with A1 or A2L classified refrigerants in air conditioning systems, thus overcoming the restriction of using only non-toxic or non-flammable fluids.

A scrupulous check of existing regulations is however recommended when using equipment containing R32 gas. Failure to comply with these regulations means that designers and installers of R32 equipment assume direct legal responsibility for application of the equipment.

SIMPLIFY YOUR LIFESTYLE

HOKKAIDO WIFI SYSTEMS

HKM-WIFI | HKM-WIFI LCAC

ACTIVE LIFESTYLES

Hokkaido Wi-Fi can communicate with your air conditioning system, letting you regulate the climate in your home while you carry out your day-to-day activities. Have you set your air conditioning system to turn on when you get home from work but then you decide to go out for dinner? With the Hokkaido Wi-Fi App, you can easily change the timer or turn the air conditioning system on/off remotely, saving money.

EXPERT SAVERS

Hokkaido Wi-Fi functions help you save money and energy. Did you ever go back home and it was too hot or too cold, and you had to turn the air conditioning system on at maximum? You can use the Hokkaido App to turn on the air conditioning system while you're on your way back home to gradually heat or cool it before you get there. Same results, greater savings.

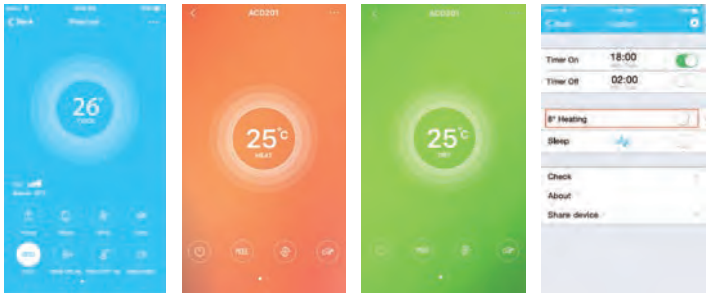
WIFI SYSTEMS FOR ALL NEEDS

Hokkaido provides two different Wi-Fi systems that can be controlled from the same app, depending on the type of indoor unit chosen by the user:

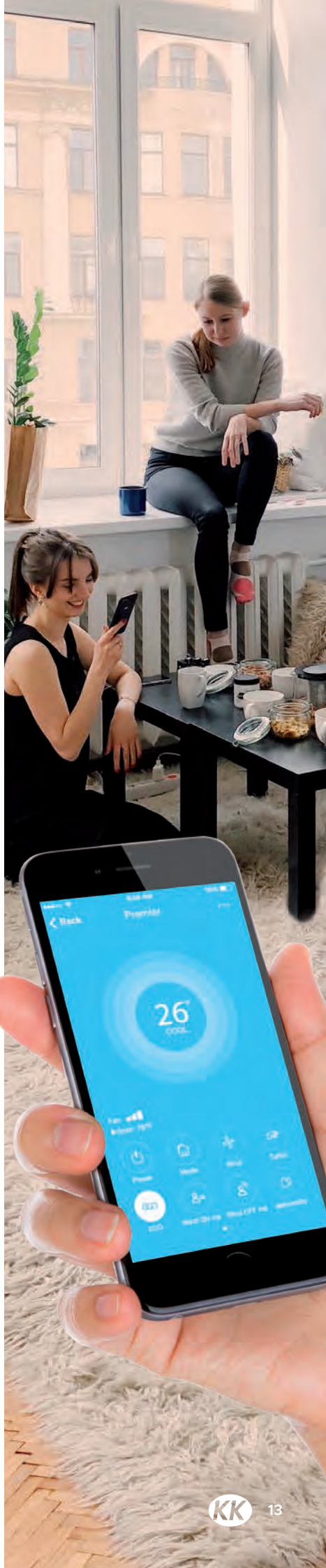
- **HKM-WIFI**: for residential wall-mounted indoor units.
- **HKM-WIFI LCAC**: for commercial indoor units (cassette, ducted, floor/ceiling).

Available for Android devices from the Google Play Store.

Some examples of screens from iOs devices



Available for iOS devices from the Apple App Store.



WHY CHOOSE A **HOKKAIDO WALL-MOUNTED UNIT?**

COMMON ADVANTAGES TO ALL WALL-MOUNTED MODELS

Refrigerant leak detection

Active in cooling mode only. It identifies compressor malfunctions following a refrigerant leak.

Louver position memory

When the V-DESIGN PLUS is switched back on, this function allows the horizontal deflector to maintain the same angle tilt used and stored during the last machine use.

24H timer

This function allows users to select when to turn on and/or off the air conditioner on a daily basis, either via remote (standard) or via Wi-Fi (optional).

Sleep mode

Reduces consumption at night.
In cooling mode, the system increases the room temperature by 2° C within 2 hours (in heating mode the system lowers the temperature by 2° C). At the end of the 2 hours, the indoor unit runs at low speed. The system maintains the temperature for the next 5 hours.

Silence mode

This function minimises the operating speed of the outdoor unit compressor so as to reduce noise and energy consumption to minimum.

The temperature sensor is in the remote control

The Follow-me function activates a temperature sensor in the remote control, which lets you adjust the climate according to your location. This makes it possible to adjust the air conditioner operation to different room conditions.

INAZAMI AND ACTIVE LINE PLUS MODELS

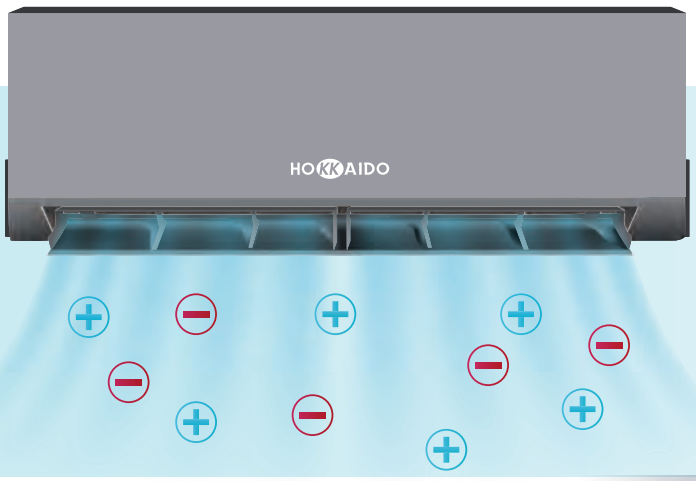
Anti-freeze function 8°C

A minimum temperature level can be guaranteed inside rooms in the event of an extended absence. When a temperature lower than 8° C is detected in the room when the anti-freeze function is activated, the system starts until this temperature is reached.

Cold current prevention

In heating mode, this function makes it possible to avoid the introduction of cold air into a room following the defrost cycles.

V-DESIGN PLUS
COMFORT AND HEALTH



Air Guardian filter

The filter generates more than 3 million **positive** and **negative ions** per cubic metre. For breathing air that is free of dust, allergens and pollutants. It cleans the air in the room and makes home a healthy place.

Light effects

The innovative V-shaped opening of the air conditioner changes its colour based on the operating mode: blue light when in cooling or red light when in heating.

Energy class in cooling

A+++

SEER value

8.6

2.64 kW model

Energy class in heating

A++

SCOP value

4.6

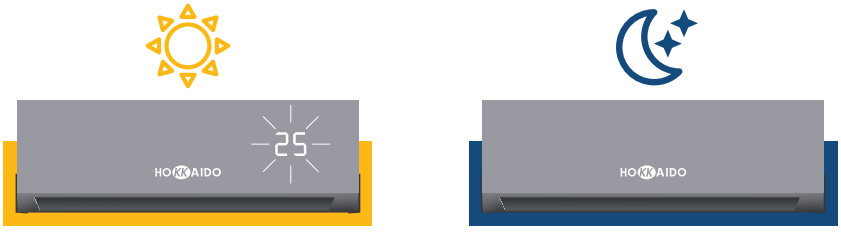
For all models

Technology for energy saving

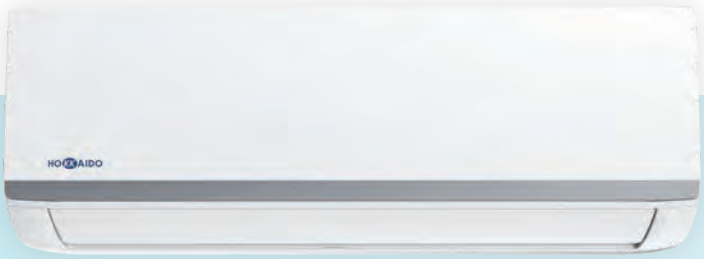
Hokkaido V-Design Plus ranks among the highest energy efficiency classes on the market. Thanks to the Inverter technology, the air conditioner provides exceptional comfort without increasing your energy bill.

Automatic brightness adjustment

The auto-brightness feature adjusts the intensity of the display light. In full light, the display is bright and easy to read, while in the dark it switches off so as not to disturb you while you rest.



INAZAMI
EFFICIENT AND ENERGY-SAVING

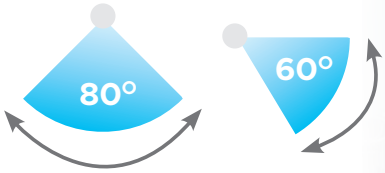


Reliability with Golden Fin treatment

The exclusive Golden Fin anti-corrosive coating on the heat exchangers can withstand salt air, rain and other corrosive elements. It also effectively prevents the growth of bacteria and improves thermal efficiency.

3D flow

The airflow direction is automatically controlled both horizontally and vertically, distributing a pleasant airwave in every corner of the room.



Energy class in cooling

A+++

SEER value

8.8

2.64 kW model

Energy class in heating

A++

SCOP value

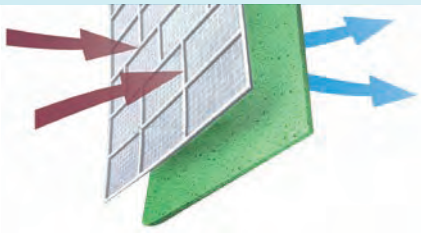
4.6

For all models

Top of the range efficiency values

The inverter technology is able to modulate the power supplied according to actual needs. This keeps the temperature constant, avoiding energy waste for greater efficiency and maximum energy saving.

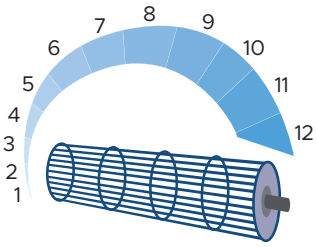
Health Filter



It consists of 2 parts, a first high-density filter which traps dust, animal hair, fungi, and a second micro-protection filter which traps fine dust, bacteria and fumes. The Health filter eliminates harmful substances and provides fresh, clean air.

12 fan speeds

Inazami features 12 speed levels, that ensure a more accurate control and a more confortable airflow.



R32 MONOSPLIT

kW		2.60	3.50	5.30	7.10	8.80	10.80	12.30	14.00	16.00
V-DESIGN PLUS										
Wall	NEW	HKEMM ZAL	HKEMM ZAL							
INAZAMI										
Wall	NEW	HKEMM ZAL	HKEMM ZAL							
ACTIVE LINE										
Wall		HKEU ZAL	HKEU ZAL-1	HKEU ZAL	HKEU ZAL					
COMMERCIAL										
Console			HFIU ZAL							
Compact cassette			HTFU ZAL	HTFU ZAL						
Slim cassette 84x84					HTBI ZA	HTBI ZA	HTBI ZA	HTBI ZA	HTBI ZA	HTBI ZA
Ducted with medium static pressure			HUCI ZA	HUCI ZA	HUCI ZA	HUCI ZA	HUCI ZA	HUCI ZA	HUCI ZA	HUCI ZA
Floor/ceiling				HSFU ZAL	HSFI ZA1	HSFI ZA1	HSFI ZA1	HSFI ZA1	HSFI ZA1	HSFI ZA1
Outdoor units		NEW	NEW							

Performance and consumption are based on the following test conditions. O.T. heating 7° C DB, 6° C WBand- I.T. 20° C DB.
Cooling: O.T. 35° C DB, 24° C WB - I.T. 27° C DB, 19° C WB (ISO T1).

NEW

V-DESIGN PLUS DC INVERTER

Wall HKEMM 262-352 ZAL Dark silver

Wi-Fi (optional)

	SEER	SCOP
2.64 kW	8.6/A+++	4.6/A++
3.52 kW	8.5/A+++	4.6/A++

Remote control included as standard

Indoor unit model			HKEMM 262 ZAL	HKEMM 352 ZAL
Outdoor unit model			HCNMX 262 ZA	HCNMX 352 ZA
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	2.64 (1.03~3.22)	3.52 (1.38~4.31)
Rated absorbed power (T=+35°C)		kW	0.61 (0.09~1.14)	1.03 (0.13~1.65)
Rated energy efficiency coefficient		EER[3]	4.33	3.42
Seasonal energy efficiency class		626/2011[1]	A+++	A+++
Seasonal energy efficiency index		SEER[2]	8.6	8.5
Annual energy consumption		kWh/a	107	154
Theoretical load (Pdesignc)		kW	2.60	3.50
Rated capacity (T=+7°C)	Heating	kW	2.93 (0.82~3.37)	3.82 (1.07~4.38)
Rated absorbed power (T=+7°C)		kW	0.64 (0.11~1.08)	1.03 (0.16~1.56)
Rated energy performance coefficient		COP[3]	4.58	3.71
Energy efficiency class (average season)		626/2011[1]	A++	A++
Seasonal energy efficiency class index (average season)		SCOP[2]	4.6	4.6
Annual energy consumption		kWh/a	775	775
Theoretical load (Pdesignh) @-10°C		kW	2.30	2.50
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50
	Heating	°C	-15~30	-15~30
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 2.5 mm[2]	
Connection wires between I.U. and O.U.		no.	5	5
Absorbed current	Cooling	A	2.66 (0.40~4.70)	4.50 (0.60~7.20)
	Heating	A	2.77 (0.48~4.70)	4.50 (0.70~6.80)
Maximum current		A	10.50	10.50
Maximum absorbed power		kW	2.20	2.20
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	
Quantity refrigerant pre-load		Kg	0.62	0.62
Tons of CO2 equivalent		t	0.418	0.418
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")
Max splitting length		m	25	25
Max height difference I.U. /O.U.		m	10	10
Splitting length without additional load		m	5	5
Additional load		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	897x182x312	897x182x312
Net weight		Kg	10.5	10.5
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	37.5/32/24	37.5/32/24
Sound power level (I.U.)	Hi	dB(A)	51	51
Treated air volume	Hi/Mi/Lo	m³/h	558/478/384	558/478/384
Motor power (Output)		W	50	50
Diameter of condensate drain		mm	25	25
Specifications of outdoor units				
Dimensions	LxDxH	mm	765x303x555	765x303x555
Net weight		Kg	26.7	26.7
Sound pressure level (O.U.)		dB(A)	54	54
Sound power level (O.U.)		dB(A)	60	60
Treated air (Max)		m³/h	2200	2200
Motor power (Output)		W	34	34
Optional parts				
Wired remote control			NO	
Centralized control			NO	
Wi-Fi module			HKM-WIFI	

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

NEW

INAZAMI DC INVERTER

Wall HKEMM 266-356 ZAL

Wi-Fi
(optional)

	SEER	SCOP
2.64 kW	8.8/A+++	4.6/A++
3.52 kW	8.5/A+++	4.6/A++

22 dB(A)
Extremely quiet

Remote control
included as standard

Indoor unit model			HKEMM 266 ZAL	HKEMM 356 ZAL
Outdoor unit model			HCNMX 266 ZA	HCNMX 356 ZA
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	2.64 (1.03~3.22)	3.52 (1.38~4.31)
Rated absorbed power (T=+35°C)		kW	0.63 (0.08~1.10)	1.01 (0.13~1.65)
Rated energy efficiency coefficient		EER[3]	4.19	3.49
Seasonal energy efficiency class		626/2011[1]	A+++	A+++
Seasonal energy efficiency index		SEER[2]	8.8	8.5
Annual energy consumption		kWh/a	107	157
Theoretical load (Pdesignc)		kW	2.60	3.50
Rated capacity (T=+7°C)	Heating	kW	2.93 (0.82~3.37)	3.81 (1.01~4.38)
Rated absorbed power (T=+7°C)		kW	0.65(0.70~0.99)	0.98(0.16~1.56)
Rated energy performance coefficient		COP[3]	4.51	3.89
Energy efficiency class (average season)		626/2011[1]	A++	A++
Seasonal energy efficiency class index (average season)		SCOP[2]	4.6	4.6
Annual energy consumption		kWh/a	744	797
Theoretical load (Pdesignh) @-10°C		kW	2.40	2.60
Operating limits (outside temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 2.5 mm[2]	
Connection wires between I.U. and O.U.		no.	5	5
Absorbed current	Cooling	A	2.70 (0.40~4.80)	4.40 (0.60~7.20)
	Heating	A	2.80 (0.30~4.30)	4.20 (0.70~6.80)
Maximum current		A	10.50	10.50
Maximum absorbed power		kW	2.20	2.20
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	0.62	0.62
Tons of CO2 equivalent		t	0.419	0.419
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")
Max splitting length		m	25	25
Max height difference I.U./O.U.		m	10	10
Split length without additional charge		m	5	5
Additional load		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	835x208x295	835x208x295
Net weight		Kg	8.7	8.7
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	37/31/22	39/33/22
Sound power level (I.U.)	Hi	dB(A)	54	55
Treated air volume	Hi/Mi/Lo	m³/h	510/360/300	520/370/310
Motor power (Output)		W	45	45
Diameter of condensate drain		mm	25	25
Specifications of outdoor units				
Dimensions	LxDxH	mm	765x303x555	765x303x555
Net weight		Kg	26.7	26.7
Sound pressure level (O.U.)		dB(A)	54	54.5
Sound power level (O.U.)		dB(A)	58	61
Treated air (Max)		m³/h	2150	2200
Motor power (Output)		W	34	34
Optional parts				
Wired remote control			NO	
Centralized control			NO	
Wi-Fi module			HKM-WIFI	

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

NEW

ACTIVE LINE DC INVERTER

Wall HKEU 263-533-713 ZAL - HKEU 353 ZAL-1

Wi-Fi
(optional)

	SEER	SCOP
2.64 kW	6.3/A++	4.0/A+
3.52 kW	6.1/A++	4.0/A+
5.28 kW	7.1/A++	4.0/A+
7.03 kW	6.1/A++	4.0/A+

Remote control included as standard

25 dB(A)
Extremely quiet
(2.64~5.28 kW)

Indoor unit model			HKEU 263 ZAL	HKEU 353 ZAL-1	HKEU 533 ZAL	HKEU 713 ZAL
Outdoor unit model			HCNMX 263 ZA	HCNMX 353 ZA	HCNI 533 ZA	HCNI 713 ZA
Type			DC-Inverter heat pump			
Control (included)			Remote control			
Rated capacity (T=+35°C)	Cooling	kW	2.64 (0.91~3.40)	3.52 (1.11~4.16)	5.28 (1.82~6.13)	7.03 (2.08~7.95)
Rated absorbed power (T=+35°C)		kW	0.73 (0.10~1.24)	1.21 (0.13~1.58)	1.54 (0.14~2.36)	2.35 (0.16~2.96)
Rated energy efficiency coefficient		EER[3]	3.62	2.91	3.43	2.99
Seasonal energy efficiency class		626/2011[1]	A++	A++	A++	A++
Seasonal energy efficiency index		SEER[2]	6.3	6.1	7.1	6.1
Annual energy consumption		kWh/a	156	221	256	412
Theoretical load (Pdesignc)		kW	2.80	3.60	5.20	7.00
Rated capacity (T=+7°C)	Heating	kW	2.93 (0.82~3.37)	3.81 (1.08~4.22)	5.57 (1.38~6.74)	7.33 (1.61~8.79)
Rated absorbed power (T=+7°C)		kW	0.73 (0.12~1.20)	1.09 (0.10~1.68)	1.48 (0.20~2.41)	2.04 (0.26~3.14)
Rated energy performance coefficient		COP[3]	4.01	3.50	3.76	3.59
Energy efficiency class (average season)		626/2011[1]	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	4.0	4.0	4.0
Annual energy consumption		kWh/a	910	945	1435	1697
Theoretical load (Pdesignh) @-10°C		kW	2.60	2.70	4.10	4.80
Operating limits (outside temperature)	Cooling	°C	-15~50			
	Heating	°C	-15~30			
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz			
Power cable		Type	3 x 2.5 mm²		3 x 4 mm²	
Connection wires between I.U. and O.U.		no.	5	5	5	5
Absorbed current	Cooling	A	3.20 (0.40~5.40)	5.30 (0.50~6.90)	6.90 (0.60~10.30)	10.20 (0.70~13.30)
	Heating	A	3.20 (0.50~5.20)	4.70 (0.40~6.90)	6.40 (0.90~10.50)	10.20 (1.10~13.30)
Maximum current		A	10	10	13.5	17.5
Maximum absorbed power		kW	2.15	2.15	2.95	3.85
Refrigerant circuit						
Refrigerant (GWP)[4]			R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	0.55	0.55	1	1.6
Tons of CO2 equivalent		t	0.371	0.371	0.675	1.080
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")	ø9.52 (3/8") - ø15.88 (5/8")
Max splitting length		m	25	25	30	50
Max height difference I.U./O.U.		m	10	10	20	25
Split length without additional charge		m	5	5	5	5
Additional load		g/m	12	12	12	24
Indoor unit specifications						
Dimensions	LxDxH	mm	805x194x285	805x194x285	957x213x302	1040x220x327
Net weight		Kg	7.6	7.6	10	12.3
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	38.5/32/25	40.5/34.5/25	44/37/30/25	44.5/42/34.5/28
Sound power level (I.U.)	Hi	dB(A)	54	55	55	59
Treated air volume	Hi/Mi/Lo	m³/h	466/360/325	540/430/314	840/680/540	980/817/662
Motor power (Output)		W	40	40	36	58
Diameter of condensate drain		mm	-	-	-	-
Specifications of outdoor units						
Dimensions	LxDxH	mm	720x270x495	720x270x495	800x333x554	845x363x702
Net weight		Kg	23.2	23.2	34	51.5
Sound pressure level (O.U.)		dB(A)	55.5	56	56	59.5
Sound power level (O.U.)		dB(A)	62	63	61	67
Treated air (Max)		m³/h	1750	1800	2500	3000
Motor power (Output)		W	-	-	63	115
Optional parts						
Wired remote control			NO			
Centralized control			NO			
Wi-Fi module			HKM-WIFI			

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CONSOLE

HFIU 350 ZAL

	SEER	SCOP
3.52 kW	7.7/A++	4.3/A+

4 air distribution inlets for increased system energy efficiency

-15~50° C | -15~24° C
Operating range in cooling and heating

Anti-formaldehyde filter supplied

Double air distribution mode

Remote control included as standard

Indoor unit model			HFIU 350 ZAL
Outdoor unit model			HCKI 350 ZA
Type			FULL DC-Inverter heat pump
Control (included)			Remote control
Rated capacity (T=+35° C)	Cooling	kW	3.52 (0.77~3.81)
Rated absorbed power (T=+35° C)		kW	0.92 (0.17~1.84)
Rated energy efficiency coefficient		EER[3]	3.83
Seasonal energy efficiency class		626/2011[1]	A++
Seasonal energy efficiency index		SEER[2]	7.7
Annual energy consumption		kWh/a	159
Theoretical load (Pdesignc)		kW	3.5
Rated capacity (T=+7° C)	Heating	kW	3.81 (0.46~4.34)
Rated absorbed power (T=+7° C)		kW	1.02 (0.15~1.47)
Rated energy performance coefficient		COP[3]	3.74
Energy efficiency class (average season)		626/2011[1]	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.3
Annual energy consumption		kWh/a	1042
Theoretical load (Pdesignh) @-10° C		kW	3.2
Operating limits (outside temperature)	Cooling	℃	-15~50
	Heating	℃	-15~24
Electrical data			
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ
Power cable		Type	3 x 2.5 mm^2
Connection wires between I.U. and O.U.		no.	4
Rated absorbed current (min~max)	Cooling	A	4.10 (1.40~8.10)
	Heating	A	4.50 (1.20~6.50)
Maximum current		A	10
Maximum absorbed power		kW	2.35
Refrigerant circuit			
Refrigerant (GWP)[4]			R32 (675)
Quantity refrigerant pre-load		Kg	0.87
Tons of CO2 equivalent		t	0.587
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")
Max. splitting length		m	25
Max height difference I.U./O.U.		m	10
Splitting length without additional load		m	5
Additional load		g/m	12
Indoor unit specifications			
Dimensions	LxDxH	mm	700xx210x600
Net weight		Kg	14.8
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	43/41.5/35
Sound power level (I.U.)	Hi	dB(A)	58
Treated air volume	Hi/Mi/Lo	m^3/h	512/480/370
Motor power (Output)		W	67
Outside diameter of condensate drain		mm	ø16
Specifications of outdoor units			
Dimensions	LxDxH	mm	800x333x554
Net weight		Kg	34.7
Sound pressure level (O.U.)		dB(A)	55.5
Sound power level (O.U.)		dB(A)	63
Treated air (Max)		m^3/h	2000
Motor power (Output)		W	40
Optional parts			
Wired remote control			YES
Manual centralized control	Requires NIM-GRH interface		YES
Wi-Fi centralized control			XRV Mobile BMS

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COMPACT CASSETTE 60x60

HTFU 350-530 ZAL

Wi-Fi (optional)

TFP 200 IHRS panel with 360° air diffusion

Remote control included as standard

	SEER	SCOP
3.52 kW	7.8/A++	4.6/A++
5.28 kW	6.1/A++	4.0/A+

-15~50° C | -15~24° C
Operating range in cooling and heating

Pre-set for external air inlet

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Indoor unit model			HTFU 350 ZAL	HTFU 530 ZAL
Outdoor unit model			HCKI 350 ZA	HCKI 530 ZA
Type			FULL DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	3.52 (1.52~5.28)	5.28 (2.90~5.74)
Rated absorbed power (T=+35°C)		kW	0.85 (0.35~1.60)	1.63 (0.72~1.86)
Rated energy efficiency coefficient		EER[3]	4.14	3.24
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	7.8	6.1
Annual energy consumption		kWh/a	157	304
Theoretical load (Pdesignc)		kW	3.5	5.3
Rated capacity (T=+7°C)	Heating	kW	4.40 (1.03~5.57)	5.42 (2.37~6.10)
Rated absorbed power (T=+7°C)		kW	1.10 (0.31~1.80)	1.46 (0.70~1.93)
Rated energy performance coefficient		COP[3]	4.00	3.71
Energy efficiency class (average season)		626/2011[1]	A++	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.6	4.0
Annual energy consumption		kWh/a	959	1470
Theoretical load (Pdesignh) @-10° C		kW	3.1	4.2
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50
	Heating	°C	-15~24	-15~24
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ	1-220~240V-50HZ
Power cable		Type	3 x 2.5 mm²	3 x 4.0 mm²
Connection wires between I.U. and O.U.		no.	5	4
Rated absorbed current (min~max)	Cooling	A	3.80 (1.60~7.10)	7.20 (3.20~8.20)
	Heating	A	5.00 (1.40~7.90)	6.40 (3.10~8.50)
Maximum current		A	10	13.5
Maximum absorbed power		kW	2.35	2.95
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	0.87	1.15
Tons of CO2 equivalent		t	0.587	0.776
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")
Max splitting length		m	25	30
Max height difference I.U./O.U.		m	10	20
Splitting length without additional load		m	5	5
Additional load		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	570x570x260	570x570x260
Net weight		Kg	16.2	16.2
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	41/36/33	42.5/39/35.5
Sound power level (I.U.)	Hi	dB(A)	51	56
Treated air volume	Hi/Mi/Lo	m³/h	617/504/416	720/625/540
Motor power (Output)		W	45	45
Outside diameter of condensate drain		mm	ø25	ø25
Specifications of outdoor units				
Dimensions	LxDxH	mm	800x333x554	800x333x554
Net weight		Kg	34.7	33.7
Sound pressure level (O.U.)		dB(A)	55.5	55
Sound power level (O.U.)		dB(A)	63	63
Treated air (Max)		m³/h	2000	2000
Motor power (Output)		W	40	57
Accessories				
Decorative panel			TFP 200 ZA	
Dimensions	LxDxH	mm	647x647x50	
Net weight		Kg	2.5	
Optional parts				
Wired remote control			YES	
Manual centralized control			YES	
Wi-Fi centralized control			HKM-WIFI LCAC	

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SLIM CASSETTE 84x84

HTBI 710-1080-1400-1600 ZA

Wi-Fi
(optional)

	SEER	SCOP
7.03 kW	6.1/A++	4.0/A+
8.79 kW	6.5/A++	3.8/A
11.40 kW	5.9/A+	3.9/A
10.55 kW	6.1/A++	4.0/A+
14.07 kW	6.1/A++	4.0/A+
15.53 kW	6.1/A++	4.0/A+

-15~50° C | -15~24° C
Operating range in cooling and heating

Pre-set for external air inlet

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Remote control
included as standard

Indoor unit model			HTBI 710 ZA	HTBI 1080 ZA	HTBI 1400 ZA	HTBI 1080 ZA	HTBI 1400 ZA	HTBI 1600 ZA
Outdoor unit model			HCKI 710 ZA	HCKI 880 ZA	HCKI 1200 ZA	HCSI 1080 ZA	HCSI 1400 ZA	HCSI 1600 ZA
Type			FULL DC-Inverter heat pump					
Control (included)			Remote control					
Rated capacity (T=+35°C)		kW	7.03 (3.22~8.21)	8.79 (4.04~10.02)	11.40 (4.75~13.19)	10.55 (4.04~12.02)	14.07 (4.75~14.58)	15.53 (5.28~16.71)
Rated absorbed power (T=+35°C)		kW	2.19 (0.48-2.85)	2.93 (0.89~4.20)	3.77 (1.16~4.79)	3.95 (0.89~4.50)	5.13 (1.17~5.60)	5.95 (1.15~6.68)
Rated energy efficiency coefficient		EER[3]	3.21	3.00	3.02	2.67	2.74	2.61
Seasonal energy efficiency class	Cooling	626/2011[1]	A++	A++	A+	A++	A++	A++
Seasonal energy efficiency index		SEER[2]	6.1	6.5	5.9	6.1	6.1	6.1
Annual energy consumption		kWh/a	402	479	694	602	805	901
Theoretical load (Pdesignc)		kW	7.0	8.9	11.7	10.5	14.0	15.7
Rated capacity (T=+7°C)		kW	7.62 (2.43~8.65)	9.82 (2.94~11.48)	13.20 (3.93~15.03)	11.14 (2.95~14.14)	16.12 (3.93~16.77)	18.17 (4.40~19.34)
Rated absorbed power (T=+7°C)		kW	2.05 (0.50- 2.88)	2.42 (0.72~4.15)	3.76 (0.99~4.38)	3.00 (0.72~4.75)	5.05 (0.99~5.38)	6.04 (1.02~6.45)
Rated energy performance coefficient		COP[3]	3.71	4.06	3.51	3.71	3.19	3.01
Energy efficiency class (average season)	Heating	626/2011[1]	A+	A	A	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	3.8	3.9	4.0	4.0	4.0
Annual energy consumption		kWh/a	1890	2653	3303	2835	3920	4165
Theoretical load (Pdesignh) @-10° C		kW	5.4	7.2	9.2	8.1	11.2	11.9
Operating limits (outside temperature)	Cooling	°C	-15~50					
	Heating	°C	-15~24					
Electrical data								
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ			3-380~415V-50HZ		
Power cable		Type	3 x 4 mm²	3 x 4 mm²	3 x 6 mm²	5 x 2.5 mm²	5 x 2.5 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	5 (2 of which shielded)					
Rated absorbed current (min~max)	Cooling	A	9.50 (2.10- 12.40)	12.90 (3.90~18.20)	16.50 (5.30~20.80)	6.60 (3.90~8.20)	8.30 (1.80~9.30)	9.80 (1.80~11.60)
	Heating	A	8.90 (2.20- 12.50)	10.70 (3.20~18.30)	16.40 (4.50~19.90)	5.00 (3.20~8.30)	8.20 (1.60~8.90)	9.90 (1.60~11.20)
Maximum current		A	13.5	16.5	22.5	10	11.2	14
Maximum absorbed power		kW	2.95	3.60	4.80	5.60	6.20	7.50
Refrigerant circuit								
Refrigerant (GWP)[4]			R32 (675)					
Quantity refrigerant pre-load		Kg	1.5	2	2.8	2.4	2.8	2.95
Tons of CO2 equivalent		t	1.013	1.350	1.890	1.620	1.890	1.991
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88 (5/8")					
Max. splitting length		m	50	50	50	65	65	65
Max height difference I.U./O.U.		m	25	25	30	30	30	30
Splitting length without additional load		m	5	5	5	5	5	5
Additional load		g/m	24	24	24	24	24	24
Indoor unit specifications								
Dimensions	LxDxH	mm	840x840x205	840x840x245	840x840x287	840x840x245	840x840x287	840x840x287
Net weight		Kg	23	27.5	29	27.5	29	29.7
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	47/43/40	51/49/46	52/50/49	51/47/41	52/50/49	53/50.5/48
Sound power level (I.U.)	Hi	dB(A)	59	62	66	62	65	65
Treated air volume	Hi/Mi/Lo	m³/h	1378/1200/1032	1775/1620/1438	1715/1568/1381	1775/1620/1438	1715/1568/1381	1970/1737/1537
Motor power (Output)		W	141	141	141	141	141	232
Outside diameter of condensate drain		mm	ø32	ø32	ø32	ø32	ø32	ø32
Specifications of outdoor units								
Dimensions	LxDxH	mm	845x363x702	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	66.8	56.9	73.9	81.5	106.7	111.3
Sound pressure level (O.U.)		dB(A)	62	60.5	67	64	66	66
Sound power level (O.U.)		dB(A)	65	69	74	68	72	74
Treated air (Max)		m³/h	2700	3600	3800	4000	7500	7500
Motor power (Output)		no. x W	1 x 115	1 x 150	1 x 150	1 x 150	2 x 126	2 x 126
Accessories								
Decorative panel			TBP 710 ZA					
Dimensions	LxDxH	mm	950x950x55					
Net weight		Kg	5					
Optional parts								
Wired remote control			YES					
Manual centralized control			YES					
Wi-Fi centralized control			HKM-WIFI LCAC					

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NEW

CLEAN AIR UV-KIT
AIR PURIFIYING DEVICE FOR DUCTED SYSTEMS

TMS-UV02
TMS-UV04

AN ALL-IN-ONE SOLUTION FOR ELIMINATING VIRUSES AND BACTERIA

The UV-C air purification device has the ability to modify the DNA or RNA of micro-organisms, preventing them from reproducing and thus being harmful. UV-C light is able to inactivate 99.99% of viruses.

Use in ducted systems is recommended as it does not expose humans to UV-C light and allows disinfection and air purification.

The device technology is able to degrade numerous organic compounds by oxidation.

The filter attracts and retains moisture molecules that are naturally present in the air, capturing fine dust and oxides. This process encourages faster decomposition of substances that are harmful to humans.

This product is therefore capable of:

- effectively eliminating micro-organisms that are harmful to human health, such as moulds and viruses;
- decomposing organic compounds present in the air such as benzene, formaldehyde, ammonia, ether, TVOC and other organic chemical compounds;
- eliminating unpleasant odours.

This device can be connected to ducted indoor units so that they only operate when the air conditioning system is switched on.

TMS-UV02: for models HUCU 350~530 ZAL; HUCI 710~1080 ZA.
TMS-UV04: for models HUCI 1400~1600 ZA.

DUCTED
WITH MEDIUM STATIC PRESSURE

HUCU 350-530 ZAL

Wi-Fi
(optional)

	SEER	SCOP
3.51 kW	6.5/A++	4.0/A+
5.28 kW	6.1/A++	4.0/A+

-15~50° C | **-15~24° C**
Operating range in cooling and heating

100 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Compatible with systems AIRZONE

Remote control
included as standard

Indoor unit model			HUCU 350 ZAL	HUCU 530 ZAL
Outdoor unit model			HCKI 350 ZA	HCKI 530 ZA
Type			FULL DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	3.51 (1.49~4.75)	5.28 (2.55~5.69)
Rated absorbed power (T=+35°C)		kW	0.95 (0.35~1.62)	1.63 (0.71~1.90)
Rated energy efficiency coefficient		EER[3]	3.69	3.24
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	6.5	6.1
Annual energy consumption		kWh/a	188	304
Theoretical load (Pdesignc)		kW	3.5	5.3
Rated capacity (T=+7°C)	Heating	kW	4.10 (0.97~5.63)	5.86 (2.20~6.15)
Rated absorbed power (T=+7°C)		kW	1.10 (0.35~2.05)	1.58 (0.74~1.76)
Rated energy performance coefficient		COP[3]	3.73	3.71
Energy efficiency class (average season)		626/2011[1]	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	4.0
Annual energy consumption		kWh/a	1120	1512
Theoretical load (Pdesignh) @-10° C		kW	3.2	4.3
Operating limits (outside temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ	
Power cable		Type	3 x 2.5 mm²	3 x 4 mm²
Connection wires between I.U. and O.U.		no.	5	4
Rated absorbed current (min~max)	Cooling	A	4.20 (1.70~7.20)	7.20 (3.20~8.30)
	Heating	A	5.00 (1.70~9.00)	7.00 (3.30~7.70)
Maximum current		A	10	13.5
Maximum absorbed power		kW	2.35	2.95
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	
Quantity refrigerant pre-load		Kg	0.87	1.15
Tons of CO2 equivalent		t	0.587	0.776
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")
Max. splitting length		m	25	30
Max height difference I.U./O.U.		m	10	20
Splitting length without additional load		m	5	5
Additional load		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	700x450x200	880x674x210
Net weight		Kg	18	24.3
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	35/30.5/26	41.5/38/33
Sound power level (I.U.)	Hi	dB(A)	56	59
Treated air volume	Hi/Mi/Lo	m³/h	600/480/300	880/650/350
Fan static pressure	Std/Max	Pa	25/60	25/100
Motor power (Output)		W	130	90
Outside diameter of condensate drain		mm	ø25	ø25
Specifications of outdoor units				
Dimensions	LxDxH	mm	800x333x554	800x333x554
Net weight		Kg	34.7	33.7
Sound pressure level (O.U.)		dB(A)	55.5	55
Sound power level (O.U.)		dB(A)	63	63
Treated air (Max)		m³/h	2000	2000
Motor power (Output)		no. x W	1 x 40	1 x 57
Optional parts				
Wired remote control			YES	
Manual centralized control			YES	
Wi-Fi centralized control			HKM-WIFI LCAC	

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DUCTED
WITH MEDIUM STATIC PRESSURE

HUCI 710-1080-1400-1600 ZA

Wi-Fi (optional)

Remote control included as standard

	SEER	SCOP
7.03 kW	6.1/A++	4.0/A+
8.79 kW	6.1/A++	4.0/A+
12.31 kW	6.1/A++	4.0/A+
10.55 kW	6.1/A++	4.0/A+
14.07 kW	6.1/A++	4.0/A+
15.24 kW	6.1/A++	4.0/A+

-15~50° C | **-15~24° C**
Operating range in cooling and heating

160 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Compatible with systems AIRZONE

Indoor unit model			HUCI 710 ZA	HUCI 1080 ZA	HUCI 1400 ZA	HUCI 1080 ZA	HUCI 1400 ZA	HUCI 1600 ZA
Outdoor unit model			HCKI 710 ZA	HCKI 880 ZA	HCKI 1200 ZA	HCSI 1080 ZA	HCSI 1400 ZA	HCSI 1600 ZA
Type			FULL DC-Inverter heat pump					
Control (included)			Remote control					
Rated capacity (T=+35°C)	Cooling	kW	7.03 (3.28~8.16)	8.79 (2.23~9.82)	12.31 (2.58~12.31)	10.55 (4.04~12.02)	14.07 (4.26~15.19)	15.24 (5.86~17.29)
Rated absorbed power (T=+35°C)		kW	2.19 (0.48~2.85)	2.60 (0.19~3.35)	3.65 (0.23~4.35)	4.10 (0.89~4.98)	5.15 (1.17~5.70)	5.42 (1.27~6.65)
Rated energy efficiency coefficient		EER[3]	3.21	3.38	3.37	2.57	2.73	2.81
Seasonal energy efficiency class		626/2011[1]	A++	A++	A++	A++	A++	A++
Seasonal energy efficiency index		SEER[2]	6.1	6.1	6.1	6.1	6.1	6.1
Annual energy consumption		kWh/a	402	505	711	602	808	878
Theoretical load (Pdesignc)		kW	7.0	8.8	12.4	10.5	14.0	15.3
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.72~8.72)	9.38 (2.70~11.14)	13.48 (2.05~14.27)	11.14 (2.81~13.19)	16.12 (3.7~18.02)	18.17 (4.69~20.52)
Rated absorbed power (T=+7°C)		kW	2.05 (0.50~2.88)	2.30 (0.43~2.90)	3.68 (0.34~4.29)	3.00 (0.78~4.67)	4.28 (0.95~5.82)	5.33 (1.04~6.03)
Rated energy performance coefficient		COP[3]	3.72	4.08	3.66	3.71	3.77	3.41
Energy efficiency class (average season)		626/2011[1]	A+	A+	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	4.0	4.0	4.0	4.0	4.0
Annual energy consumption		kWh/a	1911	2800	3360	2968	4263	4375
Theoretical load (Pdesignh) @-10° C		kW	5.4	8.0	9.6	8.4	12.1	12.5
Operating limits (outside temperature)	Cooling	°C	-15~50					
	Heating	°C	-15~24					
Electrical data								
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ			3-380~415V-50HZ		
Power cable		Type	3 x 4 mm²	3 x 4 mm²	3 x 6 mm²	5 x 2.5 mm²	5 x 2.5 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	5 (2 of which shielded)					
Rated absorbed current (min~max)	Cooling	A	9.50 (2.10~12.40)	11.80 (2.00~15.50)	16.00 (1.50~19.10)	6.50 (1.40~8.20)	8.30 (1.80~9.40)	8.90 (2.00~11.60)
	Heating	A	8.90 (2.20~12.50)	10.60 (3.00~13.50)	16.20 (1.90~18.80)	4.70 (1.30~7.40)	6.80 (1.50~9.20)	8.80 (1.60~10.50)
Maximum current		A	13.5	16.5	22.5	10	11.2	14
Maximum absorbed power		kW	2.95	3.60	4.80	5.60	6.20	7.50
Refrigerant circuit								
Refrigerant (GWP)[4]			R32 (675)					
Quantity refrigerant pre-load		Kg	1.5	2	2.8	2.4	2.8	2.95
Tons of CO2 equivalent		t	1.013	1.350	1.890	1.620	1.890	1.991
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52(3/8") - ø15.88(5/8")					
Max. splitting length		m	50	50	50	65	65	65
Max height difference I.U./O.U.		m	25	25	30	30	30	30
Splitting length without additional load		m	5	5	5	5	5	5
Additional load		g/m	24	24	24	24	24	24
Indoor unit specifications								
Dimensions	LxDxH	mm	1100x774x249	1360x774x249	1200x874x300	1360x774x249	1200x874x300	1200x874x300
Net weight		Kg	31.5	40.5	47.6	40.5	47.6	47.6
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	42/40/38	47/43/40	51/50/48	47/43/40	51/50/48	54/52/51
Sound power level (I.U.)	Hi	dB(A)	62	63	68	63	68	71
Treated air volume	Hi/Mi/Lo	m³/h	1248/1054/839	1400/1150/750	2400/2040/1680	1400/1150/750	2400/2040/1680	2600/2210/1820
Fan static pressure	Std/Max	Pa	25/160	37/160	50/160	37/160	50/160	50/160
Motor power (Output)		W	90	250	560	250	560	560
Outside diameter of condensate drain		mm	ø25	ø25	ø25	ø25	ø25	ø25
Specifications of outdoor units								
Dimensions	LxDxH	mm	845x363x702	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	66.8	56.9	73.9	81.5	106.7	111.3
Sound pressure level (O.U.)		dB(A)	62	60.5	67	64	66	66
Sound power level (O.U.)		dB(A)	65	69	74	68	72	74
Treated air (Max)		m³/h	2700	3600	3800	4000	7500	7500
Motor power (Output)		no. x W	1 x 115	1 x 150	1 x 150	1 x 150	2 x 126	2 x 126
Optional parts								
Wired remote control			YES					
Manual centralized control			YES					
Wi-Fi centralized control			HKM-WIFI LCAC					

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

FLOOR/CEILING

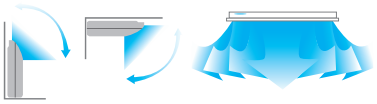
HSFU 530 ZAL - HSFI 710-1080-1400-1600 ZA1

Wi-Fi (optional)

	SEER	SCOP
5.28 kW	6.1/A++	4.0/A+
7.03 kW	6.1/A++	4.0/A+
8.79 kW	7.0/A++	3.8/A
11.70 kW	7.0/A++	3.8/A
10.55 kW	6.1/A++	4.0/A+
14.07 kW	6.1/A++	4.0/A+
15.83 kW	6.1/A++	4.0/A+

-15~50° C | **-15~24° C**
Operating range in cooling and heating

Excellent installation flexibility



Remote control included as standard

Indoor unit model			HSFU 530 ZAL	HSFI 710 ZA1	HSFI 1080 ZA1	HSFI 1400 ZA1	HSFI 1080 ZA1	HSFI 1400 ZA1	HSFI 1600 ZA1
Outdoor unit model			HCKI 530 ZA	HCKI 710 ZA	HCKI 880 ZA	HCKI 1200 ZA	HCSI 1080 ZA	HCSI 1400 ZA	HCSI 1600 ZA
Type			FULL DC-Inverter heat pump						
Control (included)			Remote control						
Rated capacity (T=+35°C)	Cooling	kW	5.28 (2.71~5.57)	7.03 (3.22~8.29)	8.79 (4.04~10.02)	11.70 (4.96~13.11)	10.55 (3.93~12.02)	14.07 (4.96~15.11)	15.83 (5.28~17.00)
Rated absorbed power (T=+35°C)	Cooling	kW	1.63 (0.67~1.85)	2.19 (0.48- 2.93)	2.65 (0.89~4.00)	3.73 (1.16~4.72)	3.75 (0.87~4.50)	5.50 (1.16~6.00)	6.06 (1.23~6.50)
Rated energy efficiency coefficient	Cooling	EER[3]	3.24	3.21	3.32	3.14	2.81	2.67	2.61
Seasonal energy efficiency class	Cooling	626/2011[1]	A++	A++	A++	A++	A++	A++	A++
Seasonal energy efficiency index	Cooling	SEER[2]	6.1	6.1	7.0	7.0	6.1	6.1	6.1
Annual energy consumption	Cooling	kWh/a	304	402	440	590	602	803	916
Theoretical load (Pdesignc)	Cooling	kW	5.3	7.0	8.8	11.8	10.5	14.0	15.9
Rated capacity (T=+7°C)	Heating	kW	5.57 (2.42~6.30)	7.62 (2.72~8.65)	9.82 (2.94~11.48)	12.90 (3.81~14.96)	11.14 (2.81~13.95)	16.12 (3.81~18.07)	18.17 (4.4~19.64)
Rated absorbed power (T=+7°C)	Heating	kW	1.50 (0.54~1.64)	2.05 (0.50- 2.85)	2.37 (0.72~4.05)	3.82 (1.03~4.20)	3.00 (0.73- 4.89)	5.05 (1.03~6.20)	6.04 (1.02~6.55)
Rated energy performance coefficient	Heating	COP[3]	3.71	3.72	4.14	3.38	3.71	3.19	3.01
Energy efficiency class (average season)	Heating	626/2011[1]	A+	A+	A	A	A+	A+	A+
Seasonal energy efficiency class index (average season)	Heating	SCOP[2]	4.0	4.0	3.8	3.8	4.0	4.0	4.0
Annual energy consumption	Heating	kWh/a	1435	1890	2689	3398	3150	4025	4165
Theoretical load (Pdesignh) @-10° C	Heating	kW	4.1	5.4	7.3	9.3	9.0	11.5	11.9
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Electrical data									
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ				3-380~415V-50HZ		
Power cable		Type	3 x 4 mm²	3 x 4 mm²	3 x 4 mm²	3 x 6 mm²	5 x 2.5 mm²	5 x 2.5 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	5 (2 of which shielded)					
Rated absorbed current (min~max)	Cooling	A	7.20 (3.20~8.20)	10.00 (2.10~13.10)	11.80 (3.90~17.40)	16.30 (5.60~20.50)	5.80 (1.20~8.20)	9.10 (1.80~9.80)	10.50 (1.90~11.30)
	Heating	A	6.60 (2.70~7.30)	9.50 (2.20~12.70)	10.60 (3.20~17.40)	16.70 (5.60~18.30)	4.800 (1.20~8.30)	8.10 (1.60~10.30)	9.90 (1.60~11.50)
Maximum current		A	13.5	13.5	16.5	22.5	10	11.2	14
Maximum absorbed power		kW	2.95	2.95	3.60	4.80	5.60	6.20	7.50
Refrigerant circuit									
Refrigerant (GWP)[4]			R32 (675)						
Quantity refrigerant pre-load		Kg	1.15	1.5	2	2.8	2.4	2.8	2.95
Tons of CO2 equivalent		t	0.776	1.013	1.350	1.890	1.620	1.890	1.991
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.74(1/2")	ø9.52(3/8") - ø15.88(5/8")					
Max. splitting length		m	30	50	50	50	65	65	65
Max height difference I.U./O.U.		m	20	25	25	30	30	30	30
Splitting length without additional load		m	5	5	5	5	5	5	5
Additional load		g/m	12	24	24	24	24	24	24
Indoor unit specifications									
Dimensions	LxDxH	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Net weight		Kg	26.8	28	39	41.2	39	41.2	41.4
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	41.5/38.5/34.5	50/46/41	51/47/42	54/50/46	51/47/42	54/50/46	54/47/42
Sound power level (I.U.)	Hi	dB(A)	58	61	62	67	59	66	69
Treated air volume	Hi/Mi/Lo	m³/h	880/760/650	1208/1066/853	2160/1844/1431	2329/1930/1417	2160/1844/1431	2329/1930/1417	2454/1834/1426
Motor power (Output)		no. x W	1 x 96	1 x 100	2 x 96	2 x 96	2 x 96	2 x 96	2 x 90
Outside diameter of condensate drain		mm	ø25	ø25	ø25	ø25	ø25	ø25	ø25
Specifications of outdoor units									
Dimensions	LxDxH	mm	800x333x554	845x363x702	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	33.7	66.8	56.9	73.9	81.5	106.7	111.3
Sound pressure level (O.U.)		dB(A)	55	62	60.5	67	64	66	66
Sound power level (O.U.)		dB(A)	63	65	69	74	68	72	74
Treated air (Max)		m³/h	2000	2700	3600	3800	4000	7500	7500
Motor power (Output)		no. x W	1 x 57	1 x 115	1 x 150	1 x 150	1 x 150	2 x 126	2 x 126
Optional parts									
Wired remote control			YES						
Manual centralized control			YES						
Wi-Fi centralized control			HKM-WIFI LCAC						

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

TWIN COMBINATIONS

Indoor unit model			2 x HTBI 710 ZA	2 x HTBI 1080 ZA
Outdoor unit model			HCSI 1400 ZA	HCSI 1600 ZA
Type			FULL DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	14.06 (4.68~14.60)	15.53 (5.28~16.71)
Rated absorbed power (T=+35°C)		kW	5.13 (1.17~5.60)	5.95 (1.15~6.68)
Rated energy efficiency coefficient		EER[3]	2.74	2.61
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	6.1	6.1
Annual energy consumption		kWh/a	803	901
Theoretical load (Pdesignc)		kW	14.0	15.7
Rated capacity (T=+7°C)	Heating	kW	16.12 (3.93~16.76)	18.17 (4.40~19.34)
Rated absorbed power (T=+7°C)		kW	5.05 (0.99~5.38)	6.04 (1.02~6.45)
Rated energy performance coefficient		COP[3]	3.19	3.01
Energy efficiency class (average season)		626/2011[1]	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	4.0
Annual energy consumption		kWh/a	3920	4165
Theoretical load (Pdesignh) @-10° C		kW	11.2	11.9
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50
	Heating	°C	-15~24	-15~24
Electrical data				
Power supply	Indoor unit	Ph-V-Hz	1-220~240V-50HZ	1-220~240V-50HZ
	Outdoor unit		3-380~415V-50HZ	3-380~415V-50HZ
Power cable		Type	5 x 2.5 mm^2	5 x 4 mm^2
Connection wires between each I.U. and O.U.		no.	5 (2 of which shielded)	5 (2 of which shielded)
Rated absorbed current (min~max)	Cooling	A	8.30 (1.80~9.30)	9.80 (1.80~11.00)
	Heating	A	8.20 (1.60~8.80)	9.90 (1.60~10.60)
Maximum current		A	11.2	14.0
Maximum absorbed power		kW	6.20	7.50
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	2.8	2.95
Tons of CO2 equivalent		t	1.890	1.991
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	ø9.52 (3/8") - ø15.88 (5/8")	ø9.52 (3/8") - ø15.88 (5/8")
	Outdoor unit			
Max. splitting length		m	65	65
Max height difference I.U./O.U.		m	30	30
Splitting length without additional load		m	5	5
Additional load		g/m	24	24

Indoor unit model			2 x HUCI 710 ZA	2 x HUCI 1080 ZA
Outdoor unit model			HCSI 1400 ZA	HCSI 1600 ZA
Type			FULL DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	14.07 (4.28~15.24)	15.24 (5.86~17.29)
Rated absorbed power (T=+35°C)		kW	5.15 (1.17~5.70)	5.42 (1.27~6.65)
Rated energy efficiency coefficient		EER[3]	2.73	2.81
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	6.1	6.1
Annual energy consumption		kWh/a	803	884
Theoretical load (Pdesignc)		kW	14.0	15.4
Rated capacity (T=+7°C)	Heating	kW	16.12 (3.69~18.02)	18.17 (4.69~20.52)
Rated absorbed power (T=+7°C)		kW	4.28 (1.05~6.12)	5.33 (1.04~6.03)
Rated energy performance coefficient		COP[3]	3.77	3.41
Energy efficiency class (average season)		626/2011[1]	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	4.0
Annual energy consumption		kWh/a	4200	4375
Theoretical load (Pdesignh) @-10° C		kW	12.0	12.5
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50
	Heating	°C	-15~24	-15~24
Electrical data				
Power supply	Indoor unit	Ph-V-Hz	1-220~240V-50HZ	1-220~240V-50HZ
	Outdoor unit		3-380~415V-50HZ	3-380~415V-50HZ
Power cable		Type	5 x 2.5 mm^2	5 x 4 mm^2
Connection wires between each I.U. and O.U.		no.	5 (2 of which shielded)	5 (2 of which shielded)
Rated absorbed current (min~max)	Cooling	A	8.30 (1.8~9.4)	8.90 (2.0~11.0)
	Heating	A	6.80 (1.7~10.2)	8.80 (1.6~9.9)
Maximum current		A	11.2	14.0
Maximum absorbed power		kW	6.20	7.50
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	2.8	2.95
Tons of CO2 equivalent		t	1.890	1.991
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	ø9.52 (3/8") - ø15.88(5/8")	ø9.52(3/8") - ø15.88(5/8")
	Outdoor unit			
Max. splitting length		m	65	65
Max height difference I.U./O.U.		m	30	30
Splitting length without additional load		m	5	5
Additional load		g/m	24	24

TWIN COMBINATIONS

Indoor unit model			2 x HSFI 710 ZA1	2 x HSFI 1080 ZA1
Outdoor unit model			HCSI 1400 ZA	HCSI 1600 ZA
Type			FULL DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	14.07 (4.96~15.12)	15.83 (5.28~17.00)
Rated absorbed power (T=+35°C)		kW	5.50 (1.16~5.70)	6.06 (1.23~6.30)
Rated energy efficiency coefficient		EER[3]	2.56	2.61
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	6.1	6.1
Annual energy consumption		kWh/a	815	912
Theoretical load (Pdesignc)		kW	14.2	15.9
Rated capacity (T=+7°C)	Heating	kW	16.12 (3.81~18.05)	18.17 (4.40~19.64)
Rated absorbed power (T=+7°C)		kW	5.05 (1.03~6.20)	6.04 (1.02~6.55)
Rated energy performance coefficient		COP[3]	3.19	3.01
Energy efficiency class (average season)		626/2011[1]	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.0	4.0
Annual energy consumption		kWh/a	3885	4165
Theoretical load (Pdesignh) @-10° C		kW	11.1	11.9
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50
	Heating	°C	-15~24	-15~24
Electrical data				
Power supply	Indoor unit	Ph-V-Hz	1-220~240V-50HZ	1-220~240V-50HZ
	Outdoor unit		3-380~415V-50HZ	3-380~415V-50HZ
Power cable		Type	5 x 2.5 mm^2	5 x 4 mm^2
Connection wires between each I.U. and O.U.		no.	5 (2 of which shielded)	5 (2 of which shielded)
Rated absorbed current (min~max)	Cooling	A	9.10 (1.80~9.30)	10.50 (1.90~10.30)
	Heating	A	8.10 (1.60~10.30)	9.90 (1.60~10.80)
Maximum current		A	11.2	14.0
Maximum absorbed power		kW	6.20	7.50
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	2.8	2.95
Tons of CO2 equivalent		t	1.890	1.991
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	ø9.52(3/8") - ø15.88(5/8")	ø9.52(3/8") - ø15.88(5/8")
	Outdoor unit			
Max. splitting length		m	65	65
Max height difference I.U./O.U.		m	30	30
Splitting length without additional load		m	5	5
Additional load		g/m	24	24

For the specifications of the units, the connectable accessories and the optional parts, refer to the tables of the single models.
1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant was released into the atmosphere, then the impact on global warming would be 675 times higher than 1 kg of CO2, for a period of 100 years. In no case should the user try to intervene on the refrigerant circuit or to disassemble the product. Always contact qualified personnel if necessary.

The indoor units that can be used in the twin combinations are the slim cassette, the medium static pressure ducted and the floor/ceiling combined with outdoor units of 14.00 and 16.00 kW.

R32 MULTISPLIT

Outdoor unit	EER*	COP*	SEER*	SCOP*
HCKU 470 Z2	3.23	3.71	5.6 / A+	3.8 / A
HCKU 530 Z2	3.24	4.01	6.1 / A++	3.8 / A
HCKU 600 Z3	3.24	3.71	6.1 / A++	4.0 / A+
HCKU 760 Z3	3.23	3.91	6.1 / A++	4.0 / A+
HCKU 810 Z4	3.23	4.00	6.1 / A++	3.8 / A
HCKU 1060 Z4	3.23	3.93	6.2 / A++	3.8 / A
HCKU 1200 Z5	2.89	3.97	6.1 / A++	3.5 / A

* The values shown may vary depending on the combinations chosen. For further information, refer to the technical manual.

OPERATING RANGE

-15° C / 50° C
in cooling

-15° C / 24° C
in cooling

INSTALLATION FLEXIBILITY

Extensive splitting lengths.

HCKU 470-530 Z2

L	TOT PIPING	**= 40 m**
L	MAX O.U.- I.U.	**= 25 m**
H	MAX O.U.- I.U.	**= 15 m**
H	MAX I.U.- I.U.	**= 10 m**

HCKU 600-760 Z3

L	TOT PIPING	**= 60 m**
L	MAX O.U.- I.U.	**= 30 m**
H	MAX O.U.- I.U.	**= 15 m**
H	MAX I.U.- I.U.	**= 10 m**

HCKU 810-1060 Z4 | HCKU 1200 Z5

L	TOT PIPING	**= 80 m**
L	MAX O.U.- I.U.	**= 35 m**
H	MAX O.U.- I.U.	**= 15 m**
H	MAX I.U.- I.U.	**= 10 m**

HIGHLY COMPACT

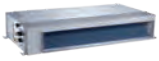
Highly compact and easy to install.

HCKU 470-530 Z2

HCKU 600-760 Z3

HCKU 810-1060 Z4 | HCKU 1200 Z5

R32 MULTISPLIT

kW		4.10	5.28	6.15	7.91	8.21	10.55	12.31
Number of connectable I.U.		2	2	3	3	4	4	5
								
		HCKU 470 Z2	HCKU 530 Z2	HCKU 600 Z3	HCKU 760 Z3	HCKU 810 Z4	HCKU 1060 Z4	HCKU 1200 Z5
	HKEMM 262 ZAL	●	●	●	●	●	●	●
	HKEMM 352 ZAL	●	●	●	●	●	●	●
	HKEMM 266 ZAL	●	●	●	●	●	●	●
	HKEMM 356 ZAL	●	●	●	●	●	●	●
	HKEU 203 ZL	●	●	●	●	●	●	●
	HKEU 263 ZAL	●	●	●	●	●	●	●
	HKEU 353 ZAL-1	●	●	●	●	●	●	●
	HKEU 533 ZAL	●	●	●	●	●	●	●
	HKEU 713 ZAL						●	●
	HFIU 260 ZL	●	●	●	●	●	●	●
	HFIU 350 ZAL	●	●	●	●	●	●	●
	HTFU 260 ZL	●	●	●	●	●	●	●
	HTFU 350 ZAL	●	●	●	●	●	●	●
	HTFU 530 ZAL	●	●	●	●	●	●	●
	HUCU 260 ZL	●	●	●	●	●	●	●
	HUCU 350 ZAL	●	●	●	●	●	●	●
	HUCU 530 ZAL	●	●	●	●	●	●	●
	HSFU 530 ZAL	●	●	●	●	●	●	●

Performance and consumption are based on the following test conditions. O.T. heating 7° C DB, 6° C WBand- I.T. 20° C DB.
Cooling: O.T. 35° C DB, 24° C WB - I.T. 27° C DB, 19° C WB (ISO T1).

R32 MULTISPLIT
Outdoor unit - Up to 5 connectable indoor units

HCKU 470 Z2
HCKU 530 Z2

HCKU 600 Z3
HCKU 760 Z3

HCKU 810 Z4
HCKU 1060 Z4

HCKU 1200 Z5

A++/A+ (6.15~7.91 kW) | Energy efficiency class in cooling/heating

Broad operating range in heating mode up to an outside temperature of -15° C, in cooling mode up to an outside temperature of +50° C.

Maximum flexibility and ease of installation guaranteed by long refrigerant pipe length.

Verify the maximum gas concentration limits, in particular in residential applications, as required by EN 378:2016.

Model			HCKU 470 Z2	HCKU 530 Z2	HCKU 600 Z3	HCKU 760 Z3	HCKU 810 Z4	HCKU 1060 Z4	HCKU 1200 Z5
Type			Outdoor DC-Inverter heat pump unit						
Connectable indoor units (min - max)		no.	1 - 2	1 - 2	2 - 3	2 - 3	2 - 4	2 - 4	2 - 5
Rated capacity (T=+35°C)		kW	4.10 (1.82~4.81)	5.28 (2.05~6.86)	6.15 (1.94~6.86)	7.91 (2.96~8.50)	8.21 (2.05~9.85)	10.55 (2.05~12.66)	12.31 (2.05~14.16)
Rated absorbed power (T=+35°C)		kW	1.27 (0.17~1.71)	1.63 (0.65~2.00)	1.90 (0.18~2.24)	2.45 (0.24~3.22)	2.54 (0.89~3.18)	3.27 (1.14~4.09)	4.26 (1.49~4.58)
Rated energy efficiency coefficient		EER[3]	3.23	3.24	3.24	3.23	3.23	3.23	2.89
Seasonal energy efficiency class	Cooling	626/2011[1]	A+	A++	A++	A++	A++	A++	A++
Seasonal energy efficiency index		SEER[2]	5.6	6.1	6.1	6.1	6.1	6.2	6.1
Annual energy consumption		kWh/a	256	309	350	453	471	598	711
Theoretical load (Pdesignc)		kW	4.1	5.3	6.1	7.9	8.2	10.6	12.4
Rated capacity (T=+7°C)		kW	4.40 (1.53~5.10)	5.57 (2.34~7.24)	6.6 (1.73~7.25)	8.21 (2.04~9.38)	8.79 (2.34~10.55)	10.84 (2.34~13.01)	12.31 (2.34~14.77)
Rated absorbed power (T=+7°C)		kW	1.185 (0.27~1.71)	1.39 (0.60~1.67)	1.78 (0.33~1.92)	2.10 (0.31~2.89)	2.20 (0.77~2.75)	2.76 (0.97~3.45)	3.10 (1.09~4.00)
Rated energy performance coefficient		COP[3]	3.71	4.01	3.71	3.91	4.00	3.93	3.97
Energy efficiency class (average season)	Heating	626/2011[1]	A	A	A+	A+	A	A	A
Seasonal energy efficiency class index (average season)		SCOP[2]	3.8	3.8	4.0	4.0	3.8	3.8	3.5
Annual energy consumption		kWh/a	1363	1768	1960	1960	2395	3316	3680
Theoretical load (Pdesignh) @-10° C		kW	3.7	4.8	5.6	5.6	6.5	9.0	9.2
Operating limits (outside temperature)	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Electrical data									
Power supply		Ph-V-Hz	1-220~240V-50HZ	1-220~240V-50HZ	1-220~240V-50HZ	1-220~240V-50HZ	1-220~240V-50HZ	1-220~240V-50HZ	1-220~240V-50HZ
Power cable		Type	3 x 2.5 mm^2	3 x 2.5 mm^2	3 x 4 mm^2	3 x 4 mm^2	3 x 4 mm^2	3 x 6 mm^2	3 x 6 mm^2
Connection wires between each I.U. and O.U.		no.	4	4	4	4	4	4	4
Rated absorbed current (min~max)	Cooling	A	5.50 (0.70~9.30)	7.10 (2.80~9.20)	9.00 (1.10~9.90)	13.70 (2.20~14.30)	11.30 (3.90~14.10)	14.30 (5.10~18.20)	18.50 (6.60~20.30)
	Heating	A	5.20 (1.20~9.40)	6.10 (2.60~7.70)	8.50 (1.90~8.50)	12.50 (2.50~12.90)	9.80 (3.40~12.20)	12.10 (4.30~15.30)	13.50 (4.80~17.80)
Maximum current		A	11.5	13	15.5	17.5	19	21.5	22
Maximum absorbed power		kW	2.65	2.85	3.30	3.60	4.15	4.60	4.70
Refrigerant circuit									
Refrigerant (GWP)[4]			R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	1.10	1.25	1.4	1.72	2.1	2.1	2.4
Tons of CO2 equivalent		t	0.743	0.844	0.945	1.161	1.418	1.418	1.620
Diameter of refrigerant piping on liquid/gas		mm (inches)	2 x ø6.35(1/4")/ 2 x ø9.52(3/8")	2 x ø6.35(1/4")/ 2 x ø9.52(3/8")	3 x ø6.35(1/4")/ 3 x ø9.52(3/8")	3 x ø6.35(1/4")/ 3 x ø9.52(3/8")	4 x ø6.35(1/4")/ 3 x ø9.52(3/8")+ 1 x ø12.74(1/2")	4 x ø6.35(1/4")/ 3 x ø9.52(3/8") + 1 x ø12.74(1/2")	5 x ø6.35(1/4")/ 4 x ø9.52(3/8")+ 1 x ø12.74(1/2")
Total splitting length		m	40	40	60	60	80	80	80
Max length of a single refrigeration line		m	25	25	30	30	35	35	35
Max height difference I.U./O.U.		m	15	15	15	15	15	15	15
Max height difference between I.U.		m	10	10	10	10	10	10	10
Splitting length without additional load		m	15	15	22.5	22.5	30	30	37.5
Additional load		g/m	12	12	12	12	12	12	12
Product specifications									
Dimensions	LxDxH	mm	800x333x554	800x333x554	845x363x702	845x363x702	946x410x810	946x410x810	946x410x810
Net weight		Kg	31.6	35.5	46.8	51.1	62.1	68.8	73.3
Sound pressure level		dB(A)	57	56	57.5	54	61.5	63	64
Sound power level		dB(A)	64	65	65	67	67	67	69
Treated air (Max)		m^3/h	2200	2200	3000	2700	3800	4000	3850
Motor power (Output)		W	34	34	115	115	150	150	150

Energy efficiency values refer to the following combinations: HCKU 470 Z2 + 2 x HKEU 203 ZL - HCKU 530 Z2 + 2 x HKEU 263 ZAL - HCKU 600 Z3 + 3 x HKEU 203 ZL - HCKU760Z3 + 3 x HKEU 263 ZAL - HCKU810Z4 + 4 x HKEU 203 ZL - HCKU 1060 Z4 + 4 x HKEU 263 ZAL - HCKU1 200 Z5 + 5 x HKEU 263 ZAL.

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

NEW

V-DESIGN PLUS DC INVERTER MULTISPLIT INDOOR UNITS

Wall HKEMM 262-352 ZAL Dark silver

Wi-Fi (optional)

Remote control included as standard

Air Guardian filter: generates more than 3 million **positive and negative ions** per cubic metre. For breathing air that is free of dust, allergens and pollutants

Light effects: blue light when in cooling or red light when in heating

Automatic brightness adjustment

Model			HKEMM 262 ZAL	HKEMM 352 ZAL
Type			Indoor wall unit	
Control (included)			Remote control	
Rated capacity	Cooling	kW	2.64	3.52
	Heating	kW	2.93	3.82
Electrical data				
Power supply		Ph-V-Hz	-	-
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")
Product specifications				
Dimensions	LxDxH	mm	897x182x312	897x182x312
Net weight		Kg	10.5	10.5
Sound pressure level	Hi/Mi/Lo	dB(A)	37.5/32/24	37.5/32/24
Sound power level	Hi	dB(A)	51	51
Treated air (High / Med. / Low)		m^3/h	558/478/384	558/478/384
Motor power (Output)		W	20	20
Optional parts				
Wi-Fi module			HKM-WiFi	
Wired remote control			NO	
Centralized control			NO	

INAZAMI DC INVERTER MULTISPLIT INDOOR UNITS

NEW

Wall HKEMM 266-356 ZAL

Wi-Fi (optional)

Remote control included as standard

"3D flow" air diffusion

Health filter: eliminates harmful substances and provides fresh, clean air

Up to 12 fan speeds

Model			HKEMM 266 ZAL	HKEMM 356 ZAL
Type			Indoor wall unit	
Control (included)			Remote control	
Rated capacity	Cooling	kW	2.64	3.52
	Heating	kW	2.93	3.81
Electrical data				
Power supply		Ph-V-Hz	-	-
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")
Product specifications				
Dimensions	LxDxH	mm	835x208x295	835x208x295
Net weight		Kg	8.7	8.7
Sound pressure level	Hi/Mi/Lo	dB(A)	37/31/22	39/33/22
Sound power level	Hi	dB(A)	54	55
Treated air (High / Med. / Low)		m^3/h	510/360/300	520/370/310
Motor power (Output)		W	50	50
Optional parts				
Wi-Fi module			HKM-WiFi	
Wired remote control			NO	
Centralized control			NO	

ACTIVE LINE DC INVERTER MULTISPLIT INDOOR UNITS

Wall HKEU 203 ZL - HKEU 263-533-713 ZAL - HKEU 353 ZAL-1

Wi-Fi (optional)

Remote control included as standard

- High density filter
- Self-cleaning function
- Anti-freeze function 8° C

Model			HKEU 203 ZL	HKEU 263 ZAL	HKEU 353 ZAL-1	HKEU 533 ZAL	HKEU 713 ZAL
Type			Indoor wall unit				
Control (included)			Remote control				
Rated capacity	Cooling	kW	2.10	2.60	3.50	5.30	7.00
	Heating	kW	2.30	2.90	3.80	5.60	7.30
Electrical data							
Power supply		Ph-V-Hz	-	-	-	-	-
Connection wires between I.U. and O.U.		no.	4	4	4	4	4
Refrigerant circuit							
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")	ø9.52(3/8") - ø15.88(5/8")
Product specifications							
Dimensions	LxDxH	mm	805x194x285	805x194x285	805x194x285	957x213x302	1040x220x327
Net weight		Kg	7.5	7.5	7.5	10	12.3
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	40/30/26/21	40/30/26/21	40/34/26/22	44/37/30/25	44.5/42/34.5/28
Sound power level	Hi	dB(A)	54	54	53	55	59
Treated air (High / Med. / Low)		m^3/h	520/460/340	520/460/340	600/500/360	840/680/540	980/817/662
Motor power (Output)		W	40	40	40	36	58
Optional parts							
Wi-Fi module			HKM-WiFi				
Wired remote control			NO				
Centralized control			NO				

MULTISPLIT INDOOR UNITS

Console HFIU 260 ZL - HFIU 350 ZAL

Remote control included as standard

- 4 air distribution inlets for increased system energy efficiency
- Double air distribution mode
- Anti-formaldehyde filter supplied

Model			HFIU 260 ZL	HFIU 350 ZAL
Type			Indoor console unit	
Control (included)			Remote control	
Rated capacity	Cooling	kW	2.70	3.50
	Heating	kW	3.50	3.80
Electrical data				
Power supply		Ph-V-Hz	-	-
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")
Product specifications				
Dimensions	LxDxH	mm	700x600x210	700x600x210
Net weight		Kg	14.8	14.8
Sound pressure level	Hi/Mi/Lo	dB(A)	43/41.5/35	43/41.5/35
Sound power level	Hi	dB(A)	58	58
Treated air (High / Med. / Low)		m^3/h	512/480/370	512/480/370
Motor power (Output)		W	67	67
Optional parts				
Wi-Fi module			NO	
Wired remote control			YES	
Manual centralized control	Requires NIM-GRH interface		YES	
			XRV Mobile BMS	

MULTISPLIT INDOOR UNITS

Compact cassette 60x60 HTFU 260 ZL - HTFU 350-530 ZAL

Wi-Fi
(optional)

Remote control included as standard

TFP 200 ZA panel with 360° air diffusion

Pre-set for external air inlet

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Model			HTFU 260 ZL	HTFU 350 ZAL	HTFU 530 ZAL
Type			Indoor cassette unit		
Control (included)			Remote control		
Rated capacity	Cooling	kW	2.60	3.50	5.30
	Heating	kW	2.90	4.10	5.40
Electrical data					
Power supply		Ph-V-Hz	-	-	-
Connection wires between I.U. and O.U.		no.	4	4	4
Refrigerant circuit					
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")
Product specifications					
Dimensions	LxDxH	mm	570x570x260	570x570x260	570x570x260
Net weight		Kg	14.5	16.2	16.2
Sound pressure level	Hi/Mi/Lo	dB(A)	38/33/29	41/37/34	44/42/41
Sound power level	Hi	dB(A)	53	58	56
Treated air (High / Med. / Low)		m^3/h	580/500/450	617/504/415	680/560/500
Motor power (Output)		W	45	45	45
Accessories					
Decorative panel			TFP200ZA		
Optional parts					
Wi-Fi module			HKM-WIFI LCAC		
Wired remote control			YES		
Manual centralized control			YES[1]		
Wi-Fi centralized control			YES[1]		

1. Contact the Hokkaido technical department for installation.

MULTISPLIT INDOOR UNITS

Medium static pressure ducted

HUCU 260 ZL - HUCU 350-530 ZAL

Wi-Fi
(optional)

Remote control included as standard

Compatible with systems AIRZONE

Optional Clean Air UV-kit purification device

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower height

Model			HUCU 260 ZL	HUCU 350 ZAL	HUCU 530 ZAL
Type			Indoor ducted unit		
Control (included)			Remote control		
Rated capacity	Cooling	kW	2.60	3.50	5.30
	Heating	kW	2.90	3.80	5.60
Electrical data					
Power supply		Ph-V-Hz	-	-	-
Connection wires between I.U. and O.U.		no.	4	4	4
Refrigerant circuit					
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")
Product specifications					
Dimensions	LxDxH	mm	700x450x200	700x450x200	880x674x210
Net weight		Kg	18	18	24.3
Sound pressure level	Hi/Mi/Lo	dB(A)	40/34.5/27.5	40/34.5/27.5	41.5/38/33
Sound power level	Hi	dB(A)	58	59	59
Treated air (High / Med. / Low)		m^3/h	500/340/230	600/480/300	880/650/350
Fan static pressure	Std/Max	Pa	25/40	25/60	25/100
Motor power (Output)		W	130	130	90
Optional parts					
Wi-Fi module			HKM-WIFI LCAC		
Wired remote control			YES		
Manual centralized control			YES[1]		
Wi-Fi centralized control			YES[1]		

1. Contact the Hokkaido technical department for installation.

MULTISPLIT INDOOR UNITS

Ceiling HSFU 530 ZAL

Wi-Fi
(optional)

Remote control included as standard

Excellent installation flexibility

Turbo function, for heating and cooling rooms quickly

Model			HSFU 530 ZAL
Type			**Indoor ceiling unit**
Control (included)			Remote control
Rated capacity	Cooling	kW	5.30
	Heating	kW	5.60
Electrical data			
Power supply		Ph-V-Hz	-
Connection wires between I.U. and O.U.		no.	4
Refrigerant circuit			
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.74(1/2")
Product specifications			
Dimensions	LxDxH	mm	1068x675x235
Net weight		Kg	28
Sound pressure level	Hi/Mi/Lo	dB(A)	41.5/38.5/34.5
Sound power level	Hi	dB(A)	58
Treated air (High / Med. / Low)		m^3/h	880/760/650
Motor power (Output)		W	96
Optional parts			
Wi-Fi module			HKM-WIFI LCAC
Wired remote control			YES
Manual centralized control			YES[1]
Wi-Fi centralized control			YES[1]

1. Contact the Hokkaido technical department for installation.

TECHNICAL APPENDIX

R32 COMBINATIONS

HCKU 470 Z2 Cooling

Combinations	Indoor Units	Combination		Rated cooling capacity (kW)		Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std.	std.	std.				
1 unit	53	53	—	4.10	—	4.10	1.27	3.23	—	—	—	—
2 units	**20+20**	**20**	**20**	**2.05**	**2.05**	**4.10**	**1.27**	**3.23**	**4.1**	**5.6**	**256**	**A+**
	20+26	20	26	1.79	2.31	4.10	1.27	3.23	4.1	5.6	256	A+
	20+35	20	35	1.51	2.59	4.10	1.27	3.23	4.1	5.6	256	A+
	26+26	26	26	2.05	2.05	4.10	1.27	3.23	4.1	5.6	256	A+
	26+35	26	35	1.76	2.34	4.10	1.27	3.23	4.1	5.6	256	A+

HCKU 470 Z2 Heating

Combinations	Indoor Units	Combination		Rated heating capacity (kW)		Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std.	std.	std.				
1 unit	53	53	—	4.40	—	4.40	1.19	3.71	—	—	—	—
2 units	**20+20**	**20**	**20**	**2.20**	**2.20**	**4.40**	**1.19**	**3.71**	**3.7**	**3.8**	**1363**	**A**
	20+26	20	26	1.93	2.48	4.40	1.19	3.71	3.7	3.8	1363	A
	20+35	20	35	1.62	2.78	4.40	1.19	3.71	3.7	3.8	1363	A
	26+26	26	26	2.20	2.20	4.40	1.19	3.71	3.7	3.8	1363	A
	26+35	26	35	1.89	2.51	4.40	1.19	3.71	3.7	3.8	1363	A

HCKU 530 Z2 Cooling

Combinations	Indoor Units	Combination		Rated cooling capacity (kW)		Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std.	std.	std.				
1 unit	53	53	—	5.00	—	5.00	1.55	3.23	—	—	—	—
2 units	20+20	20	20	2.10	2.10	4.20	1.23	3.41	4.2	6.1	241	A++
	20+26	20	26	2.06	2.64	4.70	1.46	3.23	4.7	6.1	270	A++
	20+35	20	35	1.92	3.28	5.20	1.61	3.23	5.3	6.1	304	A++
	20+53	20	53	1.50	3.88	5.35	1.65	3.25	5.3	6.1	304	A++
	26+26	**26**	**26**	**2.65**	**2.65**	**5.30**	**1.63**	**3.24**	**5.3**	**6.1**	**304**	**A++**
	26+35	26	35	2.27	3.03	5.30	1.63	3.24	5.3	6.1	304	A++
	26+53	26	53	1.78	3.57	5.35	1.65	3.25	5.3	6.1	304	A++
	35+35	35	35	2.65	2.65	5.30	1.63	3.24	5.3	6.1	304	A++

HCKU 530 Z2 Heating

Combinations	Indoor Units	Combination		Rated heating capacity (kW)		Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std.	std.	std.				
1 unit	53	53	—	5.20	—	5.20	1.35	3.85	—	—	—	—
2 units	20+20	20	20	2.50	2.50	5.00	1.24	4.03	4.8	3.8	1768	A
	20+26	20	26	2.32	2.98	5.30	1.34	3.95	4.8	3.8	1768	A
	20+35	20	35	2.03	3.47	5.50	1.37	4.01	4.8	3.8	1768	A
	20+53	20	53	1.60	4.14	5.70	1.42	4.01	4.8	3.8	1768	A
	26+26	**26**	**26**	**2.79**	**2.79**	**5.57**	**1.39**	**4.01**	**4.8**	**3.8**	**1768**	**A**
	26+35	26	35	2.40	3.20	5.60	1.40	4.01	4.8	3.8	1768	A
	26+53	26	53	1.93	3.87	5.80	1.45	4.01	4.8	3.8	1768	A
	35+35	35	35	2.80	2.80	5.60	1.40	4.01	4.8	3.8	1768	A

R32 COMBINATIONS

HCKU 600 Z3 Cooling

Combinations	Indoor Units	Combination			Rated cooling capacity (kW)			Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	std.	std.	std.				
2 units	20+35	20	35	—	1.95	3.35	—	5.30	1.64	3.23	5.3	5.6	331	A+
	20+53	20	53	—	1.76	4.54	—	6.30	1.95	3.23	6.1	5.6	381	A+
	26+26	26	26	—	2.65	2.65	—	5.30	1.64	3.23	5.3	5.6	331	A+
	26+35	26	35	—	2.57	3.43	—	6.00	1.86	3.23	6.0	5.6	375	A+
	26+53	26	53	—	2.10	4.20	—	6.30	1.94	3.24	6.1	5.6	381	A+
	35+35	35	35	—	3.10	3.10	—	6.20	1.92	3.23	6.1	5.6	381	A+
3 units	**20+20+20**	**20**	**20**	**20**	**2.03**	**2.03**	**2.03**	**6.10**	**1.89**	**3.23**	**6.1**	**6.1**	**350**	**A++**
	20+20+26	20	20	26	1.92	1.92	2.47	6.30	1.95	3.23	6.1	6.1	350	A++
	20+20+35	20	20	35	1.70	1.70	2.91	6.30	1.94	3.24	6.1	6.1	350	A++
	20+26+26	20	26	26	1.76	2.27	2.27	6.30	1.94	3.24	6.1	6.1	350	A++
	20+26+35	20	26	35	1.58	2.03	2.70	6.30	1.94	3.24	6.1	6.1	350	A++
	26+26+26	26	26	26	2.10	2.10	2.10	6.30	1.94	3.24	6.1	6.1	350	A++
	26+26+35	26	26	35	1.89	1.89	2.52	6.30	1.94	3.24	6.1	6.1	350	A++

HCKU 600 Z3 Heating

Combinations	Indoor Units	Combination			Rated heating capacity (kW)			Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	std.	std.	std.				
2 units	20+35	20	35	—	2.17	3.73	—	5.90	1.59	3.71	4.8	3.8	1768	A
	20+53	20	53	—	1.82	4.68	—	6.50	1.75	3.71	5.1	3.8	1886	A+
	26+26	26	26	—	2.95	2.95	—	5.90	1.59	3.71	4.8	3.8	1768	A
	26+35	26	35	—	2.70	3.60	—	6.30	1.70	3.71	5.1	3.8	1886	A+
	26+53	26	53	—	2.20	4.40	—	6.60	1.78	3.71	5.1	3.8	1886	A+
	35+35	35	35	—	3.15	3.15	—	6.30	1.70	3.71	5.1	3.8	1886	A+
3 units	**20+20+20**	**20**	**20**	**20**	**2.20**	**2.20**	**2.20**	**6.60**	**1.78**	**3.71**	**5.6**	**4.0**	**1960**	**A+**
	20+20+26	20	20	26	2.02	2.02	2.60	6.65	1.79	3.72	5.6	4.0	1960	A+
	20+20+35	20	20	35	1.80	1.80	3.09	6.70	1.80	3.72	5.6	4.0	1960	A+
	20+26+26	20	26	26	1.88	2.41	2.41	6.70	1.80	3.72	5.6	4.0	1960	A+
	20+26+35	20	26	35	1.68	2.15	2.87	6.70	1.80	3.72	5.6	4.0	1960	A+
	26+26+26	26	26	26	2.23	2.23	2.23	6.70	1.81	3.71	5.6	4.0	1960	A+
	26+26+35	26	26	35	2.01	2.01	2.68	6.70	1.80	3.72	5.6	4.0	1960	A+

R32 COMBINATIONS

HCKU 760 Z3 Cooling

Combinations	Indoor Units	Combination			Rated cooling capacity (kW)			Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	std.	std.	std.				
2 units	20+35	20	35	—	1.95	3.35	—	5.30	1.64	3.23	5.3	5.6	331	A+
	20+53	20	53	—	1.82	4.68	—	6.50	2.01	3.23	6.5	5.6	406	A+
	26+26	26	26	—	2.65	2.65	—	5.30	1.64	3.23	5.3	5.6	331	A+
	26+35	26	35	—	2.57	3.43	—	6.00	1.86	3.23	6.0	5.6	375	A+
	26+53	26	53	—	2.27	4.53	—	6.80	2.09	3.25	6.8	5.6	425	A+
	35+35	35	35	—	3.15	3.15	—	6.30	1.94	3.24	6.3	5.6	394	A+
	35+53	35	53	—	2.72	4.08	—	6.80	2.09	3.25	6.8	5.6	425	A+
3 units	20+20+20	20	20	20	2.43	2.43	2.43	7.30	2.26	3.23	7.3	6.1	419	A++
	20+20+26	20	20	26	2.25	2.25	2.90	7.40	2.29	3.23	7.4	6.1	425	A++
	20+20+35	20	20	35	2.13	2.13	3.65	7.90	2.45	3.23	7.9	6.1	453	A++
	20+20+53	20	20	53	1.73	1.73	4.44	7.90	2.43	3.25	7.9	6.1	453	A++
	20+26+26	20	26	26	2.13	2.74	2.74	7.60	2.35	3.23	7.6	6.1	436	A++
	20+26+35	20	26	35	1.98	2.54	3.39	7.90	2.45	3.23	7.9	6.1	453	A++
	20+26+53	20	26	53	1.63	2.09	4.18	7.90	2.43	3.25	7.9	6.1	453	A++
	20+35+35	20	35	35	1.78	3.06	3.06	7.90	2.43	3.25	7.9	6.1	453	A++
	26+26+26	**26**	**26**	**26**	**2.63**	**2.63**	**2.63**	**7.90**	**2.45**	**3.23**	**7.9**	**6.1**	**453**	**A++**
	26+26+35	26	26	35	2.37	2.37	3.16	7.90	2.43	3.25	7.9	6.1	453	A++
	26+35+35	26	35	35	2.15	2.87	2.87	7.90	2.43	3.25	7.9	6.1	453	A++
	35+35+35	35	35	35	2.63	2.63	2.63	7.90	2.43	3.25	7.9	6.1	453	A++

HCKU 760 Z3 Heating

Combinations	Indoor Units	Combination			Rated heating capacity (kW)			Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	std.	std.	std.				
2 units	20+35	20	35	—	2.21	3.79	—	6.00	1.57	3.81	5.1	3.8	1879	A
	20+53	20	53	—	1.96	5.04	—	7.00	1.84	3.81	5.1	3.8	1879	A
	26+26	26	26	—	3.00	3.00	—	6.00	1.57	3.81	5.1	3.8	1879	A
	26+35	26	35	—	2.70	3.60	—	6.30	1.65	3.81	5.1	3.8	1879	A
	26+53	26	53	—	2.33	4.67	—	7.00	1.84	3.81	5.1	3.8	1879	A
	35+35	35	35	—	3.25	3.25	—	6.50	1.71	3.81	5.1	3.8	1879	A
	35+53	35	53	—	2.80	4.20	—	7.00	1.84	3.81	5.1	3.8	1879	A
3 units	20+20+20	20	20	20	2.27	2.27	2.27	6.80	1.75	3.88	5.6	4.0	1960	A+
	20+20+26	20	20	26	2.13	2.13	2.74	7.00	1.80	3.88	5.6	4.0	1960	A+
	20+20+35	20	20	35	2.13	2.13	3.65	7.90	2.03	3.90	5.6	4.0	1960	A+
	20+20+53	20	20	53	1.82	1.82	4.67	8.30	2.12	3.91	5.6	4.0	1960	A+
	20+26+26	20	26	26	2.21	2.84	2.84	7.90	2.03	3.90	5.6	4.0	1960	A+
	20+26+35	20	26	35	2.05	2.64	3.51	8.20	2.10	3.91	5.6	4.0	1960	A+
	20+26+53	20	26	53	1.71	2.20	4.39	8.30	2.12	3.92	5.6	4.0	1960	A+
	20+35+35	20	35	35	1.87	3.21	3.21	8.30	2.12	3.92	5.6	4.0	1960	A+
	26+26+26	**26**	**26**	**26**	**2.73**	**2.73**	**2.73**	**8.20**	**2.10**	**3.91**	**5.6**	**4.0**	**1960**	**A+**
	26+26+35	26	26	35	2.49	2.49	3.32	8.30	2.12	3.91	5.6	4.0	1960	A+
	26+35+35	26	35	35	2.26	3.02	3.02	8.30	2.12	3.92	5.6	4.0	1960	A+
	35+35+35	35	35	35	2.77	2.77	2.77	8.30	2.12	3.92	5.6	4.0	1960	A+

R32 COMBINATIONS

HCKU 810 Z4 Cooling

Combinations	Indoor Units	Combination				Rated heating capacity (kW)				Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std	std	std				
2 units	20+35	20	35	—	—	1.95	3.35	—	—	5.30	1.64	3.23	5.3	5.1	364	A
	20+53	20	53	—	—	1.96	5.04	—	—	7.00	2.17	3.23	7.0	5.1	480	A
	26+26	26	26	—	—	2.65	2.65	—	—	5.30	1.64	3.23	5.3	5.1	364	A
	26+35	26	35	—	—	2.57	3.43	—	—	6.00	1.86	3.23	6.0	5.1	412	A
	26+53	26	53	—	—	2.43	4.87	—	—	7.30	2.26	3.23	7.3	5.1	501	A
	35+35	35	35	—	—	3.25	3.25	—	—	6.50	2.01	3.23	6.5	5.1	446	A
	35+53	35	53	—	—	2.92	4.38	—	—	7.30	2.26	3.23	7.3	5.1	501	A
	53+53	53	53	—	—	3.75	3.75	—	—	7.50	2.32	3.23	7.5	5.1	515	A
3 units	20+20+20	20	20	20	—	2.00	2.00	2.00	—	6.00	1.86	3.23	6.0	5.6	375	A+
	20+20+26	20	20	26	—	1.98	1.98	2.54	—	6.50	2.01	3.23	6.5	5.6	406	A+
	20+20+35	20	20	35	—	1.91	1.91	3.28	—	7.10	2.20	3.23	7.1	5.6	444	A+
	20+20+53	20	20	53	—	1.71	1.71	4.39	—	7.80	2.41	3.23	7.8	5.6	488	A+
	20+26+26	20	26	26	—	1.90	2.45	2.68	—	6.80	2.11	3.23	6.8	5.6	425	A+
	20+26+35	20	26	35	—	1.88	2.41	3.21	—	7.50	2.32	3.23	7.5	5.6	469	A+
	20+26+53	20	26	53	—	1.61	2.06	4.13	—	7.80	2.41	3.23	7.8	5.6	488	A+
	20+35+35	20	35	35	—	1.76	3.02	3.02	—	7.80	2.41	3.23	7.8	5.6	488	A+
	20+35+53	20	35	53	—	1.48	2.53	3.79	—	7.80	2.41	3.23	7.8	5.6	488	A+
	26+26+26	26	26	26	—	2.37	2.37	2.37	—	7.10	2.20	3.23	7.1	5.6	444	A+
	26+26+35	26	26	35	—	2.34	2.34	3.12	—	7.80	2.41	3.23	7.8	5.6	488	A+
	26+26+53	26	26	53	—	1.95	1.95	3.90	—	7.80	2.41	3.23	7.8	5.6	488	A+
	26+35+35	26	35	35	—	2.13	2.84	2.84	—	7.80	2.41	3.23	7.8	5.6	488	A+
	26+35+53	26	35	53	—	1.80	2.40	3.60	—	7.80	2.41	3.23	7.8	5.6	488	A+
	35+35+35	35	35	35	—	2.60	2.60	2.60	—	7.80	2.41	3.23	7.8	5.6	488	A+
4 units	**20+20+20+20**	**20**	**20**	**20**	**20**	**2.05**	**2.05**	**2.05**	**2.05**	**8.21**	**2.54**	**3.23**	**8.2**	**6.1**	**471**	**A++**
	20+20+20+26	20	20	20	26	1.92	1.92	1.92	2.46	8.21	2.54	3.23	8.2	6.1	471	A++
	20+20+20+35	20	20	20	35	1.74	1.74	1.74	2.99	8.21	2.54	3.23	8.2	6.1	471	A++
	20+20+20+53	20	20	20	53	1.47	1.47	1.47	3.79	8.21	2.53	3.25	8.2	6.1	471	A++
	20+20+26+26	20	20	26	26	1.80	1.80	2.31	2.31	8.21	2.54	3.23	8.2	6.1	471	A++
	20+20+26+35	20	20	26	35	1.64	1.64	2.11	2.81	8.21	2.54	3.23	8.2	6.1	471	A++
	20+20+35+35	20	20	35	35	1.51	1.51	2.59	2.59	8.21	2.53	3.24	8.2	6.1	471	A++
	20+26+26+26	20	26	26	26	1.69	2.17	2.17	2.17	8.21	2.54	3.23	8.2	6.1	471	A++
	20+26+26+35	20	26	26	35	1.55	2.00	2.00	2.66	8.21	2.53	3.24	8.2	6.1	471	A++
	20+26+35+35	20	26	35	35	1.44	1.85	2.46	2.46	8.21	2.53	3.25	8.2	6.1	471	A++
	26+26+26+26	26	26	26	26	2.05	2.05	2.05	2.05	8.21	2.53	3.24	8.2	6.1	471	A++
	26+26+26+35	26	26	26	35	1.89	1.89	1.89	2.53	8.21	2.53	3.25	8.2	6.1	471	A++

R32 COMBINATIONS

HCKU 810 Z4 Heating

Combinations	Indoor Units	Combination				Rated heating capacity (kW)				Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std.	std.	std.				
2 units	20+35	20	35	—	—	2.21	3.79	—	—	6.00	1.57	3.81	4.6	3.4	1902	A
	20+53	20	53	—	—	2.18	5.62	—	—	7.80	2.03	3.85	6.0	3.4	2473	A
	26+26	26	26	—	—	3.00	3.00	—	—	6.00	1.57	3.81	4.6	3.4	1902	A
	26+35	26	35	—	—	3.00	4.00	—	—	7.00	1.84	3.81	5.4	3.4	2219	A
	26+53	26	53	—	—	2.63	5.27	—	—	7.90	2.05	3.85	6.1	3.4	2505	A
	35+35	35	35	—	—	3.75	3.75	—	—	7.50	1.97	3.81	5.8	3.4	2378	A
	35+53	35	53	—	—	3.20	4.80	—	—	8.00	2.08	3.85	6.1	3.4	2505	A
	53+53	53	53	—	—	4.00	4.00	—	—	8.00	2.08	3.85	6.1	3.4	2505	A
3 units	20+20+20	20	20	20	—	2.33	2.33	2.33	—	7.00	1.79	3.90	5.4	3.5	2156	A
	20+20+26	20	20	26	—	2.37	2.37	3.05	—	7.80	2.00	3.90	6.0	3.5	2402	A
	20+20+35	20	20	35	—	2.26	2.26	3.88	—	8.40	2.14	3.92	6.1	3.5	2440	A
	20+20+53	20	20	53	—	1.88	1.88	4.84	—	8.60	2.19	3.92	6.2	3.5	2480	A
	20+26+26	20	26	26	—	2.35	3.02	2.68	—	8.40	2.14	3.92	6.1	3.5	2440	A
	20+26+35	20	26	35	—	2.13	2.73	3.64	—	8.50	2.17	3.92	6.2	3.5	2480	A
	20+26+53	20	26	53	—	1.77	2.28	4.55	—	8.60	2.18	3.95	6.2	3.5	2480	A
	20+35+35	20	35	35	—	1.94	3.33	3.33	—	8.60	2.19	3.92	6.2	3.5	2480	A
	20+35+53	20	35	53	—	1.63	2.79	4.18	—	8.60	2.18	3.95	6.2	3.5	2480	A
	26+26+26	26	26	26	—	2.87	2.87	2.87	—	8.60	2.19	3.92	6.2	3.5	2480	A
	26+26+35	26	26	35	—	2.58	2.58	3.44	—	8.60	2.19	3.92	6.2	3.5	2480	A
	26+26+53	26	26	53	—	2.15	2.15	4.30	—	8.60	2.18	3.95	6.2	3.5	2480	A
	26+35+35	26	35	35	—	2.35	3.13	3.13	—	8.60	2.19	3.92	6.2	3.5	2480	A
	26+35+53	26	35	53	—	1.98	2.65	3.97	—	8.60	2.18	3.95	6.2	3.5	2480	A
	35+35+35	35	35	35	—	2.87	2.87	2.87	—	8.60	2.18	3.95	6.2	3.5	2480	A
4 units	**20+20+20+20**	**20**	**20**	**20**	**20**	**2.20**	**2.20**	**2.20**	**2.20**	**8.80**	**2.20**	**4.00**	**6.5**	**3.8**	**2395**	**A**
	20+20+20+26	20	20	20	26	2.08	2.08	2.08	2.67	8.90	2.22	4.01	6.5	3.8	2395	A
	20+20+20+35	20	20	20	35	1.91	1.91	1.91	3.27	9.00	2.24	4.01	6.5	3.8	2395	A
	20+20+20+53	20	20	20	53	1.63	1.63	1.63	4.20	9.10	2.27	4.01	6.5	3.8	2395	A
	20+20+26+26	20	20	26	26	1.95	1.95	2.50	2.50	8.90	2.22	4.01	6.5	3.8	2395	A
	20+20+26+35	20	20	26	35	1.80	1.80	2.31	3.09	9.00	2.24	4.01	6.5	3.8	2395	A
	20+20+35+35	20	20	35	35	1.68	1.68	2.87	2.87	9.10	2.27	4.01	6.5	3.8	2395	A
	20+26+26+26	20	26	26	26	1.83	2.36	2.36	2.36	8.90	2.23	4.00	6.5	3.8	2395	A
	20+26+26+35	20	26	26	35	1.70	2.19	2.19	2.92	9.00	2.24	4.01	6.5	3.8	2395	A
	20+26+35+35	20	26	35	35	1.59	2.05	2.73	2.73	9.10	2.27	4.01	6.5	3.8	2395	A
	26+26+26+26	26	26	26	26	2.23	2.23	2.23	2.23	8.90	2.22	4.01	6.5	3.8	2395	A
	26+26+26+35	26	26	26	35	2.10	2.10	2.10	2.80	9.10	2.27	4.01	6.5	3.8	2395	A

R32 COMBINATIONS

HCKU 1060 Z4 Cooling

Combinations	Indoor Units	Combination				Rated heating capacity (kW)				Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std.	std.	std.				
2 units	20+35	20	35	—	—	2.03	3.47	—	—	5.50	1.68	3.28	5.5	5.1	377	A
	20+53	20	53	—	—	1.96	5.04	—	—	7.00	2.13	3.28	7.0	5.2	471	A
	20+71	20	71	—	—	2.03	6.97	—	—	9.00	2.74	3.28	9.0	5.2	606	A
	26+26	26	26	—	—	2.65	2.65	—	—	5.30	1.62	3.28	5.3	5.2	357	A
	26+35	26	35	—	—	2.57	3.43	—	—	6.00	1.83	3.28	6.0	5.2	404	A
	26+53	26	53	—	—	2.50	5.00	—	—	7.50	2.29	3.28	7.5	5.2	505	A
	26+71	26	71	—	—	2.59	6.91	—	—	9.50	2.90	3.28	9.5	5.2	639	A
	35+35	35	35	—	—	3.50	3.50	—	—	7.00	2.13	3.28	7.0	5.2	471	A
	35+53	35	53	—	—	3.40	5.10	—	—	8.50	2.59	3.28	8.5	5.2	572	A
	35+71	35	71	—	—	3.33	6.67	—	—	10.00	3.09	3.24	10.0	5.2	673	A
	53+53	53	53	—	—	5.00	5.00	—	—	10.00	3.09	3.24	10.0	5.2	673	A
3 units	20+20+20	20	20	20	—	2.00	2.00	2.00	—	6.00	1.80	3.33	6.0	5.6	375	A+
	20+20+26	20	20	26	—	1.98	1.98	2.54	—	6.50	1.98	3.28	6.5	5.6	406	A+
	20+20+35	20	20	35	—	2.02	2.02	3.46	—	7.50	2.29	3.28	7.5	5.6	469	A+
	20+20+53	20	20	53	—	1.97	1.97	5.06	—	9.00	2.74	3.28	9.0	5.8	543	A+
	20+20+71	20	20	71	—	1.84	1.84	6.32	—	10.00	3.09	3.24	10.0	5.8	603	A+
	20+26+26	20	26	26	—	1.96	2.52	2.52	—	7.00	2.13	3.28	7.0	5.8	422	A+
	20+26+35	20	26	35	—	2.00	2.57	3.43	—	8.00	2.44	3.28	8.0	5.8	483	A+
	20+26+53	20	26	53	—	1.96	2.51	5.03	—	9.50	2.93	3.24	9.5	5.8	573	A+
	20+26+71	20	26	71	—	1.75	2.25	6.00	—	10.00	3.09	3.24	10.0	5.8	603	A+
	20+35+35	20	35	35	—	2.03	3.48	3.48	—	9.00	2.78	3.24	9.0	5.8	543	A+
	20+35+53	20	35	53	—	1.89	3.24	4.86	—	10.00	3.09	3.24	10.0	5.8	603	A+
	20+35+71	20	35	71	—	1.63	2.79	5.58	—	10.00	3.09	3.24	10.0	5.8	603	A+
	20+53+53	20	53	53	—	1.63	4.19	4.19	—	10.00	3.09	3.24	10.0	5.8	603	A+
	26+26+26	26	26	26	—	2.50	2.50	2.50	—	7.50	2.31	3.24	7.5	5.8	453	A+
	26+26+35	26	26	35	—	2.55	2.55	3.40	—	8.50	2.62	3.24	8.5	5.8	513	A+
	26+26+53	26	26	53	—	2.50	2.50	5.00	—	10.00	3.09	3.24	10.0	5.8	603	A+
	26+26+71	26	26	71	—	2.14	2.14	5.71	—	10.00	3.09	3.24	10.0	5.8	603	A+
	26+35+35	26	35	35	—	2.59	3.45	3.45	—	9.50	2.93	3.24	9.5	5.8	573	A+
	26+35+53	26	35	53	—	2.31	3.08	4.62	—	10.00	3.09	3.24	10.0	5.8	603	A+
	26+35+71	26	35	71	—	2.00	2.67	5.33	—	10.00	3.09	3.24	10.0	5.8	603	A+
	26+53+53	26	53	53	—	2.00	4.00	4.00	—	10.00	3.09	3.24	10.0	5.8	603	A+
	35+35+35	35	35	35	—	3.33	3.33	3.33	—	10.00	3.09	3.24	10.0	5.8	603	A+
	35+35+53	35	35	53	—	2.86	2.86	4.29	—	10.00	3.09	3.24	10.0	5.8	603	A+
	35+35+71	35	35	71	—	2.50	2.50	5.00	—	10.00	3.09	3.24	10.0	5.8	603	A+
	35+53+53	35	53	53	—	2.50	3.75	3.75	—	10.00	3.09	3.24	10.0	5.8	603	A+
4 units	20+20+20+20	20	20	20	20	2.05	2.05	2.05	2.05	8.20	2.29	3.58	8.2	6.1	470	A++
	20+20+20+26	20	20	20	26	1.98	1.98	1.98	2.55	8.50	2.47	3.44	8.5	6.1	488	A++
	20+20+20+35	20	20	20	35	2.02	2.02	2.02	3.45	9.50	2.86	3.32	9.5	6.1	545	A++
	20+20+20+53	20	20	20	53	1.87	1.87	1.87	4.80	10.40	3.22	3.23	10.4	6.2	587	A++
	20+20+20+71	20	20	20	71	1.65	1.65	1.65	5.65	10.60	3.28	3.23	10.6	6.2	598	A++
	20+20+26+26	20	20	26	26	1.97	1.97	2.53	2.53	9.00	2.71	3.32	9.0	6.2	508	A++
	20+20+26+35	20	20	26	35	2.00	2.00	2.57	3.43	10.00	3.09	3.24	10.0	6.2	565	A++
	20+20+26+53	20	20	26	53	1.81	1.81	2.33	4.65	10.60	3.28	3.23	10.6	6.2	598	A++
	20+20+26+71	20	20	26	71	1.58	1.58	2.03	5.41	10.60	3.28	3.23	10.6	6.2	598	A++
	20+20+35+35	20	20	35	35	1.95	1.95	3.35	3.35	10.60	3.28	3.23	10.6	6.2	598	A++
	20+20+35+53	20	20	35	53	1.69	1.69	2.89	4.34	10.60	3.28	3.23	10.6	6.2	598	A++
	20+20+53+53	20	20	53	53	1.48	1.48	3.82	3.82	10.60	3.28	3.23	10.6	6.2	598	A++
	20+26+26+26	20	26	26	26	1.96	2.51	2.51	2.51	9.50	2.92	3.25	9.5	6.2	536	A++
	20+26+26+35	20	26	26	35	2.01	2.58	2.58	3.44	10.60	3.28	3.23	10.6	6.2	598	A++
	20+26+26+53	20	26	26	53	1.73	2.22	2.22	4.44	10.60	3.28	3.23	10.6	6.2	598	A++
	20+26+26+71	20	26	26	71	1.51	1.95	1.95	5.19	10.60	3.28	3.23	10.6	6.2	598	A++
	20+26+35+35	20	26	35	35	1.86	2.39	3.18	3.18	10.60	3.28	3.23	10.6	6.2	598	A++

R32 COMBINATIONS

HCKU 1060 Z4 Cooling

Combinations	Indoor Units	Combination				Rated heating capacity (kW)				Total cooling capacity (kW)	Absorbed power (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std.	std.	std.				
4 units	20+26+35+53	20	26	35	53	1.61	2.07	2.77	4.15	10.60	3.28	3.23	10.6	6.2	598	A++
	20+26+53+53	20	26	53	53	1.43	1.83	3.67	3.67	10.60	3.28	3.23	10.6	6.2	598	A++
	20+35+35+35	20	35	35	35	1.73	2.96	2.96	2.96	10.60	3.28	3.23	10.6	6.2	598	A++
	20+35+35+53	20	35	35	53	1.51	2.60	2.60	3.89	10.60	3.28	3.23	10.6	6.2	598	A++
	26+26+26+26	**26**	**26**	**26**	**26**	**2.65**	**2.65**	**2.65**	**2.65**	**10.60**	**3.28**	**3.23**	**10.6**	**6.2**	**598**	**A++**
	26+26+26+35	26	26	26	35	2.45	2.45	2.45	3.26	10.60	3.28	3.23	10.6	6.2	598	A++
	26+26+26+53	26	26	26	53	2.12	2.12	2.12	4.24	10.60	3.28	3.23	10.6	6.2	598	A++
	26+26+35+35	26	26	35	35	2.27	2.27	3.03	3.03	10.60	3.28	3.23	10.6	6.2	598	A++
	26+26+35+53	26	26	35	53	1.99	1.99	2.65	3.98	10.60	3.28	3.23	10.6	6.2	598	A++
	26+35+35+35	26	35	35	35	2.12	2.83	2.83	2.83	10.60	3.28	3.23	10.6	6.2	598	A++
	26+35+35+53	26	35	35	53	1.87	2.49	2.49	3.74	10.60	3.28	3.23	10.6	6.2	598	A++
	35+35+35+35	35	35	35	35	2.65	2.65	2.65	2.65	10.60	3.28	3.23	10.6	6.2	598	A++

HCKU 1060 Z4 Heating

Combinations	Indoor Units	Combination				Rated heating capacity (kW)				Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std.	std.	std.				
2 units	20+35	20	35	—	—	2.21	3.79	—	—	6.00	1.59	3.78	4.3	3.4	1787	A
	20+53	20	53	—	—	2.24	5.76	—	—	8.00	2.12	3.78	4.7	3.4	1915	A
	20+20	20	20	—	—	2.17	7.43	—	—	9.60	2.54	3.78	4.7	3.4	1915	A
	26+26	26	26	—	—	3.00	3.00	—	—	6.00	1.59	3.78	6.2	3.4	2553	A
	26+35	26	35	—	—	3.00	4.00	—	—	7.00	1.85	3.78	4.7	3.4	1915	A
	26+53	26	53	—	—	2.93	5.87	—	—	8.80	2.33	3.78	5.4	3.4	2234	A
	26+20	26	20	—	—	2.67	7.13	—	—	9.80	2.58	3.80	4.7	3.4	1915	A
	35+35	35	35	—	—	3.75	3.75	—	—	7.50	1.98	3.78	6.8	3.4	2808	A
	35+53	35	53	—	—	3.76	5.64	—	—	9.40	2.49	3.78	5.8	3.4	2393	A
	35+71	35	20	—	—	3.33	6.67	—	—	10.00	2.63	3.80	4.7	3.4	1915	A
	53+53	53	53	—	—	5.05	5.05	—	—	10.10	2.66	3.80	7.3	3.5	2914	A
3 units	20+20+20	20	20	20	—	2.50	2.50	2.50	—	7.50	1.96	3.82	8.4	3.6	3267	A
	20+20+26	20	20	26	—	2.37	2.37	3.05	—	7.80	2.04	3.82	5.8	3.6	2260	A
	20+20+35	20	20	35	—	2.29	2.29	3.92	—	8.50	2.23	3.82	6.0	3.6	2351	A
	20+20+53	20	20	53	—	2.34	2.34	6.02	—	10.70	2.78	3.85	6.6	3.6	2562	A
	20+20+20	20	20	20	—	1.97	1.97	6.76	—	10.70	2.78	3.85	6.6	3.6	2562	A
	20+26+26	20	26	26	—	2.38	3.06	3.06	—	8.50	2.23	3.82	8.6	3.6	3344	A
	20+26+35	20	26	35	—	2.50	3.21	4.29	—	10.00	2.62	3.82	6.6	3.6	2562	A
	20+26+53	20	26	53	—	2.20	2.83	5.66	—	10.70	2.78	3.85	7.8	3.6	3014	A
	20+26+20	20	26	20	—	1.87	2.41	6.42	—	10.70	2.78	3.85	7.8	3.6	3014	A
	20+35+35	20	35	35	—	2.28	3.91	3.91	—	10.10	2.62	3.85	8.6	3.6	3344	A
	20+35+53	20	35	53	—	2.02	3.47	5.21	—	10.70	2.78	3.85	8.4	3.6	3267	A
	20+35+20	20	35	20	—	1.74	2.99	5.97	—	10.70	2.78	3.85	8.4	3.6	3267	A
	20+53+53	20	53	53	—	1.74	4.48	4.48	—	10.70	2.78	3.85	8.6	3.6	3344	A
	26+26+26	26	26	26	—	3.33	3.33	3.33	—	10.00	2.62	3.82	8.6	3.6	3344	A
	26+26+35	26	26	35	—	3.03	3.03	4.04	—	10.10	2.62	3.85	7.8	3.6	3014	A
	26+26+53	26	26	53	—	2.68	2.68	5.35	—	10.70	2.78	3.85	8.4	3.6	3267	A
	26+26+20	26	26	20	—	2.29	2.29	6.11	—	10.70	2.78	3.85	8.4	3.6	3267	A
	26+35+35	26	35	35	—	2.92	3.89	3.89	—	10.70	2.78	3.85	8.6	3.6	3344	A
	26+35+53	26	35	53	—	2.47	3.29	4.94	—	10.70	2.78	3.85	8.6	3.6	3344	A
	26+35+20	26	35	20	—	2.14	2.85	5.71	—	10.70	2.78	3.85	8.6	3.6	3344	A
	26+53+53	26	53	53	—	2.14	4.28	4.28	—	10.70	2.78	3.85	8.6	3.6	3344	A
	35+35+35	35	35	35	—	3.57	3.57	3.57	—	10.70	2.78	3.85	8.6	3.6	3344	A
	35+35+53	35	35	53	—	3.06	3.06	4.59	—	10.70	2.78	3.85	8.6	3.6	3344	A
	35+35+20	35	35	20	—	2.68	2.68	5.35	—	10.70	2.78	3.85	8.6	3.6	3344	A
	35+53+53	35	53	53	—	2.68	4.01	4.01	—	10.70	2.78	3.85	8.6	3.6	3344	A

R32 COMBINATIONS

HCKU 1060 Z4 Heating

Combinations	Indoor Units	Combination				Rated heating capacity (kW)				Total heating capacity (kW)	Absorbed power (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std.	std.	std.				
4 units	20+20+20+20	20	20	20	20	2.50	2.50	2.50	2.50	10.00	2.56	3.90	8.6	3.8	3168	A
	20+20+20+26	20	20	20	26	2.36	2.36	2.36	3.03	10.10	2.59	3.90	7.8	3.8	2855	A
	20+20+20+35	20	20	20	35	2.31	2.31	2.31	3.96	10.90	2.79	3.90	8.5	3.8	3132	A
	20+20+20+53	20	20	20	53	1.99	1.99	1.99	5.12	11.10	2.84	3.91	9.0	3.8	3316	A
	20+20+20+20	20	20	20	20	1.73	1.73	1.73	5.92	11.10	2.84	3.91	9.0	3.8	3316	A
	20+20+26+26	20	20	26	26	2.38	2.38	3.07	3.07	10.90	2.79	3.90	9.0	3.8	3316	A
	20+20+26+35	20	20	26	35	2.22	2.22	2.85	3.81	11.10	2.85	3.90	9.0	3.8	3316	A
	20+20+26+53	20	20	26	53	1.90	1.90	2.44	4.87	11.10	2.84	3.91	9.0	3.8	3316	A
	20+20+26+20	20	20	26	20	1.65	1.65	2.13	5.67	11.10	2.84	3.91	9.0	3.8	3316	A
	20+20+35+35	20	20	35	35	2.04	2.04	3.51	3.51	11.10	2.84	3.91	9.0	3.8	3316	A
	20+20+35+53	20	20	35	53	1.77	1.77	3.03	4.54	11.10	2.84	3.91	9.0	3.8	3316	A
	20+20+53+53	20	20	53	53	1.55	1.55	4.00	4.00	11.10	2.84	3.91	9.0	3.8	3316	A
	20+26+26+26	20	26	26	26	2.29	2.94	2.94	2.94	11.10	2.85	3.90	9.0	3.8	3316	A
	20+26+26+35	20	26	26	35	2.10	2.70	2.70	3.60	11.10	2.82	3.93	9.0	3.8	3316	A
	20+26+26+53	20	26	26	53	1.81	2.32	2.32	4.65	11.10	2.82	3.93	9.0	3.8	3316	A
	20+26+26+20	20	26	26	20	1.59	2.04	2.04	5.44	11.10	2.82	3.93	9.0	3.8	3316	A
	20+26+35+35	20	26	35	35	1.94	2.50	3.33	3.33	11.10	2.82	3.93	9.0	3.8	3316	A
	20+26+35+53	20	26	35	53	1.69	2.17	2.90	4.34	11.10	2.82	3.93	9.0	3.8	3316	A
	20+26+53+53	20	26	53	53	1.49	1.92	3.84	3.84	11.10	2.82	3.93	9.0	3.8	3316	A
	20+35+35+35	20	35	35	35	1.81	3.10	3.10	3.10	11.10	2.82	3.93	9.0	3.8	3316	A
	20+35+35+53	20	35	35	53	1.59	2.72	2.72	4.08	11.10	2.82	3.93	9.0	3.8	3316	A
	26+26+26+26	**26**	**26**	**26**	**26**	**2.78**	**2.78**	**2.78**	**2.77**	**11.10**	**2.82**	**3.93**	**9.0**	**3.8**	**3316**	**A**
	26+26+26+35	26	26	26	35	2.56	2.56	2.56	3.42	11.10	2.82	3.93	9.0	3.8	3316	A
	26+26+26+53	26	26	26	53	2.22	2.22	2.22	4.44	11.10	2.82	3.93	9.0	3.8	3316	A
	26+26+35+35	26	26	35	35	2.38	2.38	3.17	3.17	11.10	2.82	3.93	9.0	3.8	3316	A
	26+26+35+53	26	26	35	53	2.08	2.08	2.78	4.16	11.10	2.82	3.93	9.0	3.8	3316	A
	26+35+35+35	26	35	35	35	2.22	2.96	2.96	2.96	11.10	2.82	3.93	9.0	3.8	3316	A
	26+35+35+53	26	35	35	53	1.96	2.61	2.61	3.92	11.10	2.82	3.93	9.0	3.8	3316	A
	35+35+35+35	35	35	35	35	2.78	2.78	2.78	2.77	11.10	2.82	3.93	9.0	3.8	3316	A

HCKU 1200 Z5 Cooling

Combinations	Indoor Units	Combination					Rated heating capacity (kW)					Total cooling capacity (kW)	Power absorption (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	std.	std.	std.				
2 units	20+35	20	35	—	—	—	2.08	3.57	—	—	—	5.65	1.80	3.12	5.5	5.1	377	A
	20+53	20	53	—	—	—	2.07	5.32	—	—	—	7.38	2.35	3.06	7.0	5.1	480	A
	20+71	20	71	—	—	—	2.04	6.98	—	—	—	9.02	2.88	3.01	9.1	5.1	625	A
	26+26	26	26	—	—	—	2.68	2.68	—	—	—	5.36	1.71	3.12	5.3	5.1	364	A
	26+35	26	35	—	—	—	2.67	3.56	—	—	—	6.23	1.99	3.10	6.0	5.1	412	A
	26+53	26	53	—	—	—	2.65	5.31	—	—	—	7.96	2.54	3.04	7.5	5.1	515	A
	26+71	26	71	—	—	—	2.62	6.98	—	—	—	9.60	3.06	2.99	9.7	5.1	666	A
	35+35	35	35	—	—	—	3.55	3.55	—	—	—	7.09	2.26	3.07	7.0	5.1	480	A
	35+53	35	53	—	—	—	3.53	5.30	—	—	—	8.83	2.82	3.02	8.5	5.1	583	A
	35+71	35	71	—	—	—	3.49	6.98	—	—	—	10.47	3.34	2.97	10.0	5.1	686	A
	53+53	53	53	—	—	—	5.28	5.28	—	—	—	10.56	3.37	2.96	10.5	5.1	721	A
	53+71	53	71	—	—	—	4.93	6.57	—	—	—	11.50	3.88	2.96	11.5	5.1	789	A
3 units	20+20+20	20	20	20	—	—	2.04	2.04	2.04	—	—	6.13	1.58	3.10	6.0	5.3	396	A
	20+20+26	20	20	26	—	—	2.04	2.04	2.62	—	—	6.71	1.73	3.08	6.5	5.3	429	A
	20+20+35	20	20	35	—	—	2.04	2.04	3.50	—	—	7.58	1.95	3.06	7.5	5.3	495	A
	20+20+53	20	20	53	—	—	2.04	2.04	5.24	—	—	9.31	2.40	3.00	9.0	5.3	594	A
	20+20+71	20	20	71	—	—	2.02	2.02	6.92	—	—	10.95	2.82	2.95	11.0	5.3	726	A
	20+26+26	20	26	26	—	—	2.04	2.62	2.62	—	—	7.29	1.87	3.06	7.0	5.3	462	A
	20+26+35	20	26	35	—	—	2.04	2.62	3.49	—	—	8.15	2.10	3.04	8.0	5.3	528	A
	20+26+53	20	26	53	—	—	2.04	2.62	5.24	—	—	9.89	2.54	2.98	9.5	5.3	627	A

R32 COMBINATIONS

HCKU 1200 Z5 Cooling

Combinations	Indoor Units	Combination					Rated heating capacity (kW)					Total cooling capacity (kW)	Power absorption (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	std.	std.	std.				
3 units	20+26+71	20	26	71	—	—	2.02	2.59	6.92	—	—	11.53	2.97	2.93	11.5	5.3	759	A
	20+35+35	20	35	35	—	—	2.04	3.49	3.49	—	—	9.02	2.32	3.01	9.0	5.3	594	A
	20+35+53	20	35	53	—	—	2.04	3.49	5.23	—	—	10.76	2.77	2.96	10.5	5.3	693	A
	20+35+71	20	35	71	—	—	2.02	3.46	6.92	—	—	12.40	3.19	2.91	11.5	5.3	759	A
	20+53+53	20	53	53	—	—	2.03	5.23	5.23	—	—	12.49	3.21	2.90	11.5	5.3	759	A
	26+26+26	26	26	26	—	—	2.62	2.62	2.62	—	—	7.86	2.02	3.05	8.0	5.3	528	A
	26+26+35	26	26	35	—	—	2.62	2.62	3.49	—	—	8.73	2.25	3.02	9.0	5.3	594	A
	26+26+53	26	26	53	—	—	2.62	2.62	5.23	—	—	10.47	2.69	2.97	10.5	5.3	693	A
	26+26+71	26	26	71	—	—	2.59	2.59	6.92	—	—	12.11	3.12	2.91	11.5	5.3	759	A
	26+35+35	26	35	35	—	—	2.62	3.49	3.49	—	—	9.60	2.47	2.99	9.0	5.3	594	A
	26+35+53	26	35	53	—	—	2.62	3.49	5.23	—	—	11.34	2.92	2.94	11.0	5.3	726	A
	26+35+71	26	35	71	—	—	2.60	3.46	6.92	—	—	12.98	3.34	2.89	11.5	5.3	759	A
	26+53+53	26	53	53	—	—	2.61	5.23	5.23	—	—	13.07	3.36	2.89	12.0	5.3	792	A
	35+35+35	35	35	35	—	—	3.49	3.49	3.49	—	—	10.47	2.69	2.97	9.5	5.3	627	A
	35+35+53	35	35	53	—	—	3.49	3.49	5.23	—	—	12.20	3.14	2.91	11.5	5.3	759	A
	35+35+71	35	35	71	—	—	3.46	3.46	6.92	—	—	13.84	3.56	2.89	12.0	5.3	792	A
	35+53+53	35	53	53	—	—	3.48	5.23	5.23	—	—	13.94	3.59	2.89	12.0	5.3	792	A
	35+53+71	35	53	71	—	—	2.67	4.00	5.33	—	—	12.00	4.15	2.89	12.0	5.3	792	A
	53+53+53	53	53	53	—	—	4.00	4.00	4.00	—	—	12.00	4.15	2.89	12.0	5.3	792	A
4 units	20+20+20+20	20	20	20	20	—	2.00	2.00	2.00	2.00	—	8.00	2.63	3.04	8.0	5.6	500	A+
	20+20+20+26	20	20	20	26	—	1.98	1.98	1.98	2.55	—	8.50	2.81	3.02	8.5	5.6	531	A+
	20+20+20+35	20	20	20	35	—	2.02	2.02	2.02	3.45	—	9.50	3.17	3.00	9.5	5.6	594	A+
	20+20+20+53	20	20	20	53	—	2.06	2.06	2.06	5.31	—	11.50	3.91	2.94	11.5	5.6	719	A+
	20+20+20+71	20	20	20	71	—	1.87	1.87	1.87	6.40	—	12.00	4.15	2.89	12.0	5.6	750	A+
	20+20+26+26	20	20	26	26	—	2.08	2.08	2.67	2.67	—	9.50	3.16	3.00	9.5	5.6	594	A+
	20+20+26+35	20	20	26	35	—	2.00	2.00	2.57	3.43	—	10.00	3.36	2.98	10.0	5.6	625	A+
	20+20+26+53	20	20	26	53	—	1.96	1.96	2.52	5.05	—	11.50	3.93	2.92	11.5	5.6	719	A+
	20+20+26+71	20	20	26	71	—	1.79	1.79	2.30	6.13	—	12.00	4.15	2.89	12.0	5.6	750	A+
	20+20+35+35	20	20	35	35	—	1.93	1.93	3.32	3.32	—	10.50	3.56	2.95	10.5	5.6	656	A+
	20+20+35+53	20	20	35	53	—	1.83	1.83	3.14	4.70	—	11.50	3.97	2.90	11.5	5.6	719	A+
	20+20+35+71	20	20	35	71	—	1.72	1.72	2.95	5.90	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+20+53+53	20	20	53	53	—	1.72	1.72	4.43	4.43	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+20+53+71	20	20	53	71		1.54	1.54	3.95	5.27	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+26+26+26	20	26	26	26	—	2.06	2.65	2.65	2.65	—	10.00	3.35	2.99	10.0	5.6	625	A+
	20+26+26+35	20	26	26	35	—	1.99	2.55	2.55	3.41	—	10.50	3.55	2.96	10.5	5.6	656	A+
	20+26+26+53	20	26	26	53	—	1.87	2.41	2.41	4.81	—	11.50	3.96	2.91	11.5	5.6	719	A+
	20+26+26+71	20	26	26	71	—	1.76	2.26	2.26	6.02	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+26+35+35	20	26	35	35	—	2.01	2.59	3.45	3.45	—	11.50	3.92	2.93	11.5	5.6	719	A+
	20+26+35+53	20	26	35	53	—	1.83	2.35	3.13	4.70	—	12.00	4.15	2.89	12.0	5.6	750	A+
	20+26+35+71	20	26	35	71	—	1.66	2.13	2.84	5.68	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+26+53+53	20	26	53	53	—	1.66	2.13	4.26	4.26	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+26+53+71	20	26	53	71	—	1.48	1.91	3.82	5.09	—	12.30	4.23	2.91	12.4	5.6	775	A+
	20+35+35+35	20	35	35	35	—	1.87	3.21	3.21	3.21	—	11.50	3.96	2.91	11.5	5.6	719	A+
	20+35+35+53	20	35	35	53	—	1.71	2.94	2.94	4.41	—	12.00	4.15	2.89	12.0	5.6	750	A+
	20+35+53+53	20	35	35	71	—	1.57	2.68	2.68	5.37	—	12.30	4.26	2.89	12.4	5.6	775	A+
	20+35+53+71	20	35	53	53	—	1.57	2.68	4.03	4.03	—	12.30	4.26	2.89	12.4	5.6	775	A+
	26+26+26+26	26	26	26	26	—	2.63	2.63	2.63	2.63	—	10.50	3.54	2.97	10.5	5.6	656	A+
	26+26+26+35	26	26	26	35	—	2.65	2.65	2.65	3.54	—	11.50	3.91	2.94	11.5	5.6	719	A+
	26+26+26+53	26	26	26	53	—	2.40	2.40	2.40	4.80	—	12.00	4.15	2.89	12.0	5.6	750	A+
	26+26+26+71	26	26	26	71	—	2.17	2.17	2.17	5.79	—	12.30	4.26	2.89	12.4	5.6	775	A+
	26+26+35+35	26	26	35	35	—	2.46	2.46	3.29	3.29	—	11.50	3.95	2.91	11.5	5.6	719	A+
	26+26+35+53	26	26	35	53	—	2.25	2.25	3.00	4.50	—	12.00	4.15	2.89	12.0	5.6	750	A+
	26+26+35+71	26	26	35	71	—	2.05	2.05	2.73	5.47	—	12.30	4.26	2.89	12.4	5.6	775	A+
	26+26+53+53	26	26	53	53	—	2.05	2.05	4.10	4.10	—	12.30	4.26	2.89	12.4	5.6	775	A+
	26+35+35+35	26	35	35	35	—	2.30	3.07	3.07	3.07	—	11.50	3.98	2.89	11.5	5.6	719	A+

R32 COMBINATIONS

HCKU 1200 Z5 Cooling

Combinations	Indoor Units	Combination					Rated heating capacity (kW)					Total cooling capacity (kW)	Power absorption (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	std.	std.	std.				
4 units	26+35+35+53	26	35	35	53	—	2.17	2.89	2.89	4.34	—	12.30	4.26	2.89	12.4	5.6	775	A+
	26+35+35+71	26	35	35	71	—	1.94	2.59	2.59	5.18	—	12.30	4.26	2.89	12.4	5.6	775	A+
	26+35+53+53	26	35	53	53	—	1.94	2.59	3.88	3.88	—	12.30	4.26	2.89	12.4	5.6	775	A+
	35+35+35+35	35	35	35	35	—	2.88	2.88	2.88	2.88	—	11.50	3.98	2.89	11.5	5.6	719	A+
	35+35+35+53	35	35	35	53	—	2.73	2.73	2.73	4.10	—	12.30	4.26	2.89	12.4	5.6	775	A+
5 units	20+20+20+20+20	20	20	20	20	20	2.10	2.10	2.10	2.10	2.10	10.50	3.52	2.98	10.5	6.1	602	A++
	20+20+20+20+26	20	20	20	20	26	2.08	2.08	2.08	2.08	2.68	11.00	3.71	2.96	11.0	6.1	631	A++
	20+20+20+20+35	20	20	20	20	35	2.01	2.01	2.01	2.01	3.45	11.50	3.92	2.94	11.5	6.1	660	A++
	20+20+20+20+53	20	20	20	20	53	1.87	1.87	1.87	1.87	4.81	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+20+20+71	20	20	20	20	71	1.66	1.66	1.66	1.66	5.68	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+20+26+26	20	20	20	26	26	2.06	2.06	2.06	2.65	2.65	11.50	3.91	2.94	11.5	6.1	660	A++
	20+20+20+26+35	20	20	20	26	35	2.00	2.00	2.00	2.57	3.43	12.00	4.11	2.92	12.0	6.1	689	A++
	20+20+20+26+53	20	20	20	26	53	1.79	1.79	1.79	2.31	4.61	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+20+26+71	20	20	20	26	71	1.59	1.59	1.59	2.05	5.47	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+20+35+35	20	20	20	35	35	1.91	1.91	1.91	3.28	3.28	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+20+35+53	20	20	20	35	53	1.69	1.69	1.69	2.89	4.34	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+20+35+71	20	20	20	35	71	1.51	1.51	1.51	2.59	5.18	12.30	4.24	2.90	12.4	6.1	711	A++
	20+20+20+53+53	20	20	20	53	53	1.51	1.51	1.51	3.88	3.88	12.30	4.24	2.90	12.4	6.1	711	A++
	20+20+26+26+26	20	20	26	26	26	2.05	2.05	2.63	2.63	2.63	12.00	4.10	2.93	12.0	6.1	689	A++
	20+20+26+26+35	20	20	26	26	35	1.96	1.96	2.52	2.52	3.35	12.30	4.24	2.90	12.4	6.1	711	A++
	20+20+26+26+53	20	20	26	26	53	1.72	1.72	2.21	2.21	4.43	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+26+26+71	20	20	26	26	71	1.54	1.54	1.98	1.98	5.27	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+26+35+35	20	20	26	35	35	1.83	1.83	2.36	3.14	3.14	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+26+35+53	20	20	26	35	53	1.62	1.62	2.09	2.78	4.18	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+26+53+53	20	20	26	53	53	1.46	1.46	1.88	3.75	3.75	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+35+35+35	20	20	35	35	35	1.72	1.72	2.95	2.95	2.95	12.30	4.26	2.89	12.4	6.1	711	A++
	20+20+35+35+53	20	20	35	35	53	1.54	1.54	2.64	2.64	3.95	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+26+26+26	20	26	26	26	26	2.00	2.57	2.57	2.57	2.57	12.30	4.23	2.91	12.4	6.1	711	A++
	20+26+26+26+35	20	26	26	26	35	1.87	2.41	2.41	2.41	3.21	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+26+26+53	20	26	26	26	53	1.66	2.13	2.13	2.13	4.26	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+26+26+71	20	26	26	26	71	1.48	1.91	1.91	1.91	5.09	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+26+35+35	20	26	26	35	35	1.76	2.26	2.26	3.01	3.01	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+26+35+53	20	26	26	35	53	1.57	2.01	2.01	2.68	4.03	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+35+35+35	20	26	35	35	35	1.66	2.13	2.84	2.84	2.84	12.30	4.26	2.89	12.4	6.1	711	A++
	20+26+35+35+53	20	26	35	35	53	1.48	1.91	2.54	2.54	3.82	12.30	4.26	2.89	12.4	6.1	711	A++
	20+35+35+35+35	20	35	35	35	35	1.57	2.68	2.68	2.68	2.68	12.30	4.26	2.89	12.4	6.1	711	A++
	26+26+26+26+26	**26**	**26**	**26**	**26**	**26**	**2.46**	**2.46**	**2.46**	**2.46**	**2.46**	**12.30**	**4.26**	**2.89**	**12.4**	**6.1**	**711**	**A++**
	26+26+26+26+35	26	26	26	26	35	2.31	2.31	2.31	2.31	3.08	12.30	4.26	2.89	12.4	6.1	711	A++
	26+26+26+26+53	26	26	26	26	53	2.05	2.05	2.05	2.05	4.10	12.30	4.26	2.89	12.4	6.1	711	A++
	26+26+26+35+35	26	26	26	35	35	2.17	2.17	2.17	2.89	2.89	12.30	4.26	2.89	12.4	6.1	711	A++
	26+26+26+35+53	26	26	26	35	53	1.94	1.94	1.94	2.59	3.88	12.30	4.26	2.89	12.4	6.1	711	A++
	26+26+35+35+35	26	26	35	35	35	2.05	2.05	2.73	2.73	2.73	12.30	4.26	2.89	12.4	6.1	711	A++
	26+35+35+35+35	26	35	35	35	35	1.94	2.59	2.59	2.59	2.59	12.30	4.26	2.89	12.4	6.1	711	A++

R32 COMBINATIONS

HCKU 1200 Z5 Heating

Combinations	Indoor Units	Combination					Rated heating capacity (kW)					Total heating capacity (kW)	Power absorption (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	std.	std.	std.				
2 units	20+35	20	35	—	—	—	2.21	3.79	—	—	—	6.00	1.58	3.80	6.2	3.0	2893	B
	20+53	20	53	—	—	—	2.24	5.76	—	—	—	8.00	2.11	3.80	8.1	3.0	3780	B
	20+71	20	71	—	—	—	2.21	7.59	—	—	—	9.80	2.58	3.80	8.5	3.0	3967	B
	26+26	26	26	—	—	—	3.00	3.00	—	—	—	6.00	1.58	3.80	6.2	3.0	2893	B
	26+35	26	35	—	—	—	2.91	3.89	—	—	—	6.80	1.79	3.80	6.8	3.0	3173	B
	26+53	26	53	—	—	—	2.93	5.87	—	—	—	8.80	2.32	3.80	8.5	3.0	3967	B
	26+71	26	71	—	—	—	2.78	7.42	—	—	—	10.20	2.68	3.80	8.5	3.0	3967	B
	35+35	35	35	—	—	—	3.75	3.75	—	—	—	7.50	1.97	3.80	7.3	3.0	3407	B
	35+53	35	53	—	—	—	3.76	5.64	—	—	—	9.40	2.47	3.80	8.5	3.0	3967	B
	35+71	35	71	—	—	—	3.50	7.00	—	—	—	10.50	2.76	3.80	8.5	3.0	3967	B
	53+53	53	53	—	—	—	5.50	5.50	—	—	—	11.00	2.89	3.80	8.5	3.0	3967	B
	53+71	53	71	—	—	—	4.93	6.57	—	—	—	11.50	3.01	3.82	8.5	3.0	3967	B
3 units	20+20+20	20	20	20	—	—	2.50	2.50	2.50	—	—	7.50	1.95	3.85	7.3	3.2	3194	B
	20+20+26	20	20	26	—	—	2.37	2.37	3.05	—	—	7.80	2.03	3.85	7.4	3.2	3238	B
	20+20+35	20	20	35	—	—	2.29	2.29	3.92	—	—	8.50	2.21	3.85	7.5	3.2	3281	B
	20+20+53	20	20	53	—	—	2.52	2.52	6.47	—	—	11.50	2.99	3.85	8.5	3.2	3719	B
	20+20+71	20	20	71	—	—	2.21	2.21	7.58	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	20+26+26	20	26	26	—	—	2.38	3.06	3.06	—	—	8.50	2.21	3.85	7.5	3.2	3281	B
	20+26+35	20	26	35	—	—	2.50	3.21	4.29	—	—	10.00	2.60	3.85	8.0	3.2	3500	B
	20+26+53	20	26	53	—	—	2.37	3.04	6.09	—	—	11.50	2.99	3.85	8.5	3.2	3719	B
	20+26+71	20	26	71	—	—	2.10	2.70	7.20	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	20+35+35	20	35	35	—	—	2.48	4.26	4.26	—	—	11.00	2.86	3.85	8.5	3.2	3719	B
	20+35+53	20	35	53	—	—	2.18	3.73	5.59	—	—	11.50	2.99	3.85	8.5	3.2	3719	B
	20+35+71	20	35	71	—	—	1.95	3.35	6.70	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	20+53+53	20	53	53	—	—	1.95	5.02	5.02	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	26+26+26	26	26	26	—	—	3.33	3.33	3.33	—	—	10.00	2.60	3.85	8.5	3.2	3719	B
	26+26+35	26	26	35	—	—	3.30	3.30	4.40	—	—	11.00	2.86	3.85	8.5	3.2	3719	B
	26+26+53	26	26	53	—	—	2.88	2.88	5.75	—	—	11.50	2.99	3.85	8.5	3.2	3719	B
	26+26+71	26	26	71	—	—	2.57	2.57	6.86	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	26+35+35	26	35	35	—	—	3.14	4.18	4.18	—	—	11.50	2.99	3.85	8.5	3.2	3719	B
	26+35+53	26	35	53	—	—	2.77	3.69	5.54	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	26+35+71	26	35	71	—	—	2.40	3.20	6.40	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	26+53+53	26	53	53	—	—	2.40	4.80	4.80	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	35+35+35	35	35	35	—	—	3.83	3.83	3.83	—	—	11.50	2.99	3.85	8.5	3.2	3719	B
	35+35+53	35	35	53	—	—	3.43	3.43	5.14	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	35+35+71	35	35	71	—	—	3.00	3.00	6.00	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	35+53+53	35	53	53	—	—	3.00	4.50	4.50	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	35+53+71	35	53	71	—	—	2.67	4.00	5.33	—	—	12.00	3.12	3.85	8.5	3.2	3719	B
	53+53+53	53	53	53	—	—	4.00	4.00	4.00	—	—	12.00	3.09	3.88	8.5	3.2	3719	B
4 units	20+20+20+20	20	20	20	20	—	2.50	2.50	2.50	2.50	—	10.00	2.56	3.91	8.8	3.4	3624	A
	20+20+20+26	20	20	20	26	—	2.57	2.57	2.57	3.30	—	11.00	2.81	3.91	8.8	3.4	3624	A
	20+20+20+35	20	20	20	35	—	2.50	2.50	2.50	4.29	—	11.80	3.02	3.91	8.8	3.4	3624	A
	20+20+20+53	20	20	20	53	—	2.15	2.15	2.15	5.54	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+20+71	20	20	20	71	—	1.91	1.91	1.91	6.56	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+20+26+26	20	20	26	26	—	2.63	2.63	3.38	3.38	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+26+35	20	20	26	35	—	2.40	2.40	3.09	4.11	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+26+53	20	20	26	53	—	2.05	2.05	2.63	5.27	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+26+71	20	20	26	71	—	1.83	1.83	2.36	6.28	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+20+35+35	20	20	35	35	—	2.21	2.21	3.79	3.79	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+35+53	20	20	35	53	—	1.91	1.91	3.27	4.91	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+35+71	20	20	35	71	—	1.72	1.72	2.95	5.90	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+20+53+53	20	20	53	53	—	1.68	1.68	4.32	4.32	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+20+53+71	20	20	53	71	—	1.54	1.54	3.95	5.27	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+26+26+26	20	26	26	26	—	2.47	3.18	3.18	3.18	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+26+26+35	20	26	26	35	—	2.27	2.92	2.92	3.89	—	12.00	3.07	3.91	8.8	3.4	3624	A

R32 COMBINATIONS

HCKU 1200 Z5 Heating

Combinations	Indoor Units	Combination					Rated heating capacity (kW)					Total heating capacity (kW)	Power absorption (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	std.	std.	std.				
4 units	20+26+26+53	20	26	26	53	—	1.95	2.51	2.51	5.02	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+26+26+71	20	26	26	71	—	1.76	2.26	2.26	6.02	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+26+35+35	20	26	35	35	—	2.10	2.70	3.60	3.60	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+26+35+53	20	26	35	53	—	1.83	2.35	3.13	4.70	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+26+35+71	20	26	35	71	—	1.66	2.13	2.84	5.68	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+26+53+53	20	26	53	53	—	1.62	2.08	4.15	4.15	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+26+53+71	20	26	53	71	—	1.48	1.91	3.82	5.09	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+35+35+35	20	35	35	35	—	1.95	3.35	3.35	3.35	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+35+35+53	20	35	35	53	—	1.71	2.94	2.94	4.41	—	12.00	3.07	3.91	8.8	3.4	3624	A
	20+35+53+53	20	35	35	71	—	1.57	2.68	2.68	5.37	—	12.30	3.15	3.91	8.8	3.4	3624	A
	20+35+53+71	20	35	53	53	—	1.53	2.62	3.93	3.93	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+26+26+26	26	26	26	26	—	3.00	3.00	3.00	3.00	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+26+26+35	26	26	26	35	—	2.77	2.77	2.77	3.69	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+26+26+53	26	26	26	53	—	2.40	2.40	2.40	4.80	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+26+26+71	26	26	26	71	—	2.17	2.17	2.17	5.79	—	12.30	3.15	3.91	8.8	3.4	3624	A
	26+26+35+35	26	26	35	35	—	2.57	2.57	3.43	3.43	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+26+35+53	26	26	35	53	—	2.25	2.25	3.00	4.50	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+26+35+71	26	26	35	71	—	2.05	2.05	2.73	5.47	—	12.30	3.15	3.91	8.8	3.4	3624	A
	26+26+53+53	26	26	53	53	—	2.00	2.00	4.00	4.00	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+35+35+35	26	35	35	35	—	2.40	3.20	3.20	3.20	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+35+35+53	26	35	35	53	—	2.12	2.82	2.82	4.24	—	12.00	3.07	3.91	8.8	3.4	3624	A
	26+35+35+71	26	35	35	71	—	1.94	2.59	2.59	5.18	—	12.30	3.15	3.91	8.8	3.4	3624	A
	26+35+53+53	26	35	53	53	—	1.89	2.53	3.79	3.79	—	12.00	3.07	3.91	8.8	3.4	3624	A
	35+35+35+35	35	35	35	35	—	3.00	3.00	3.00	3.00	—	12.00	3.07	3.91	8.8	3.4	3624	A
	35+35+35+53	35	35	35	53	—	2.67	2.67	2.67	4.00	—	12.00	3.07	3.91	8.8	3.4	3624	A
5 units	20+20+20+20+20	20	20	20	20	20	2.46	2.46	2.46	2.46	2.46	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+20+20+26	20	20	20	20	26	2.33	2.33	2.33	2.33	2.99	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+20+20+35	20	20	20	20	35	2.15	2.15	2.15	2.15	3.69	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+20+20+53	20	20	20	20	53	1.87	1.87	1.87	1.87	4.81	12.30	3.10	3.97	9.2	3.5	3680	A
	20+20+20+20+71	20	20	20	20	71	1.66	1.66	1.66	1.66	5.68	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+20+26+26	20	20	20	26	26	2.21	2.21	2.21	2.84	2.84	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+20+26+35	20	20	20	26	35	2.05	2.05	2.05	2.64	3.51	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+20+26+53	20	20	20	26	53	1.79	1.79	1.79	2.31	4.61	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+20+26+71	20	20	20	26	71	1.59	1.59	1.59	2.05	5.47	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+20+35+35	20	20	20	35	35	1.91	1.91	1.91	3.28	3.28	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+20+35+53	20	20	20	35	53	1.69	1.69	1.69	2.89	4.34	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+20+35+71	20	20	20	35	71	1.51	1.51	1.51	2.59	5.18	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+20+53+53	20	20	20	53	53	1.51	1.51	1.51	3.88	3.88	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+26+26+26	20	20	26	26	26	2.10	2.10	2.70	2.70	2.70	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+26+26+35	20	20	26	26	35	1.96	1.96	2.52	2.52	3.35	12.30	3.11	3.95	9.2	3.5	3680	A
	20+20+26+26+53	20	20	26	26	53	1.72	1.72	2.21	2.21	4.43	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+26+26+71	20	20	26	26	71	1.54	1.54	1.98	1.98	5.27	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+26+35+35	20	20	26	35	35	1.83	1.83	2.36	3.14	3.14	12.30	3.10	3.97	9.2	3.5	3680	A
	20+20+26+35+53	20	20	26	35	53	1.62	1.62	2.09	2.78	4.18	12.30	3.10	3.97	9.2	3.5	3680	A
	20+20+26+53+53	20	20	26	53	53	1.46	1.46	1.88	3.75	3.75	12.30	3.08	4.00	9.2	3.5	3680	A
	20+20+35+35+35	20	20	35	35	35	1.72	1.72	2.95	2.95	2.95	12.30	3.10	3.97	9.2	3.5	3680	A
	20+20+35+35+53	20	20	35	35	53	1.54	1.54	2.64	2.64	3.95	12.30	3.08	4.00	9.2	3.5	3680	A
	20+26+26+26+26	20	26	26	26	26	2.00	2.57	2.57	2.57	2.57	12.30	3.11	3.95	9.2	3.5	3680	A
	20+26+26+26+35	20	26	26	26	35	1.87	2.41	2.41	2.41	3.21	12.30	3.10	3.97	9.2	3.5	3680	A
	20+26+26+26+53	20	26	26	26	53	1.66	2.13	2.13	2.13	4.26	12.30	3.08	4.00	9.2	3.5	3680	A
	20+26+26+26+71	20	26	26	26	71	1.48	1.91	1.91	1.91	5.09	12.30	3.08	4.00	9.2	3.5	3680	A
	20+26+26+35+35	20	26	26	35	35	1.76	2.26	2.26	3.01	3.01	12.30	3.10	3.97	9.2	3.5	3680	A
	20+26+26+35+53	20	26	26	35	53	1.57	2.01	2.01	2.68	4.03	12.30	3.08	4.00	9.2	3.5	3680	A
	20+26+35+35+35	20	26	35	35	35	1.66	2.13	2.84	2.84	2.84	12.30	3.08	4.00	9.2	3.5	3680	A
	20+26+35+35+53	20	26	35	35	53	1.48	1.91	2.54	2.54	3.82	12.30	3.08	4.00	9.2	3.5	3680	A

R32 COMBINATIONS

HCKU 1200 Z5 Heating

Combinations	Indoor Units	Combination					Rated heating capacity (kW)					Total heating capacity (kW)	Power absorption (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	std.	std.	std.				
5 units	20+35+35+35+35	20	35	35	35	35	1.57	2.68	2.68	2.68	2.68	12.30	3.08	4.00	9.2	3.5	3680	A
	26+26+26+26+26	**26**	**26**	**26**	**26**	**26**	**2.46**	**2.46**	**2.46**	**2.46**	**2.46**	**12.30**	**3.10**	**3.97**	**9.2**	**3.5**	**3680**	**A**
	26+26+26+26+35	26	26	26	26	35	2.31	2.31	2.31	2.31	3.08	12.30	3.10	3.97	9.2	3.5	3680	A
	26+26+26+26+53	26	26	26	26	53	2.05	2.05	2.05	2.05	4.10	12.30	3.08	4.00	9.2	3.5	3680	A
	26+26+26+35+35	26	26	26	35	35	2.17	2.17	2.17	2.89	2.89	12.30	3.08	4.00	9.2	3.5	3680	A
	26+26+26+35+53	26	26	26	35	53	1.94	1.94	1.94	2.59	3.88	12.30	3.08	4.00	9.2	3.5	3680	A
	26+26+35+35+35	26	26	35	35	35	2.05	2.05	2.73	2.73	2.73	12.30	3.08	4.00	9.2	3.5	3680	A
	26+35+35+35+35	26	35	35	35	35	1.94	2.59	2.59	2.59	2.59	12.30	3.08	4.00	9.2	3.5	3680	A