2024
GENERAL CATALOGUE

HOKKAIDO

Experience makes technology

hokkaido.it

HOKKAIDO

Experience makes technology

GENERAL CATALOGUE HOKKAIDO **2024**

Hokkaido, a leading company in the air conditioning market in Italy and Europe, stands apart for its ability to meet all supply requests, satisfying even the most demanding customers. Hokkaido is a brand of Termal Sales, a company of Termal Group.

Our own brand products are known for their excellent value for money and for their reliability.

The extent of the range offered, befire and after sales services, and direct logistics are the strength of Hokkaido.

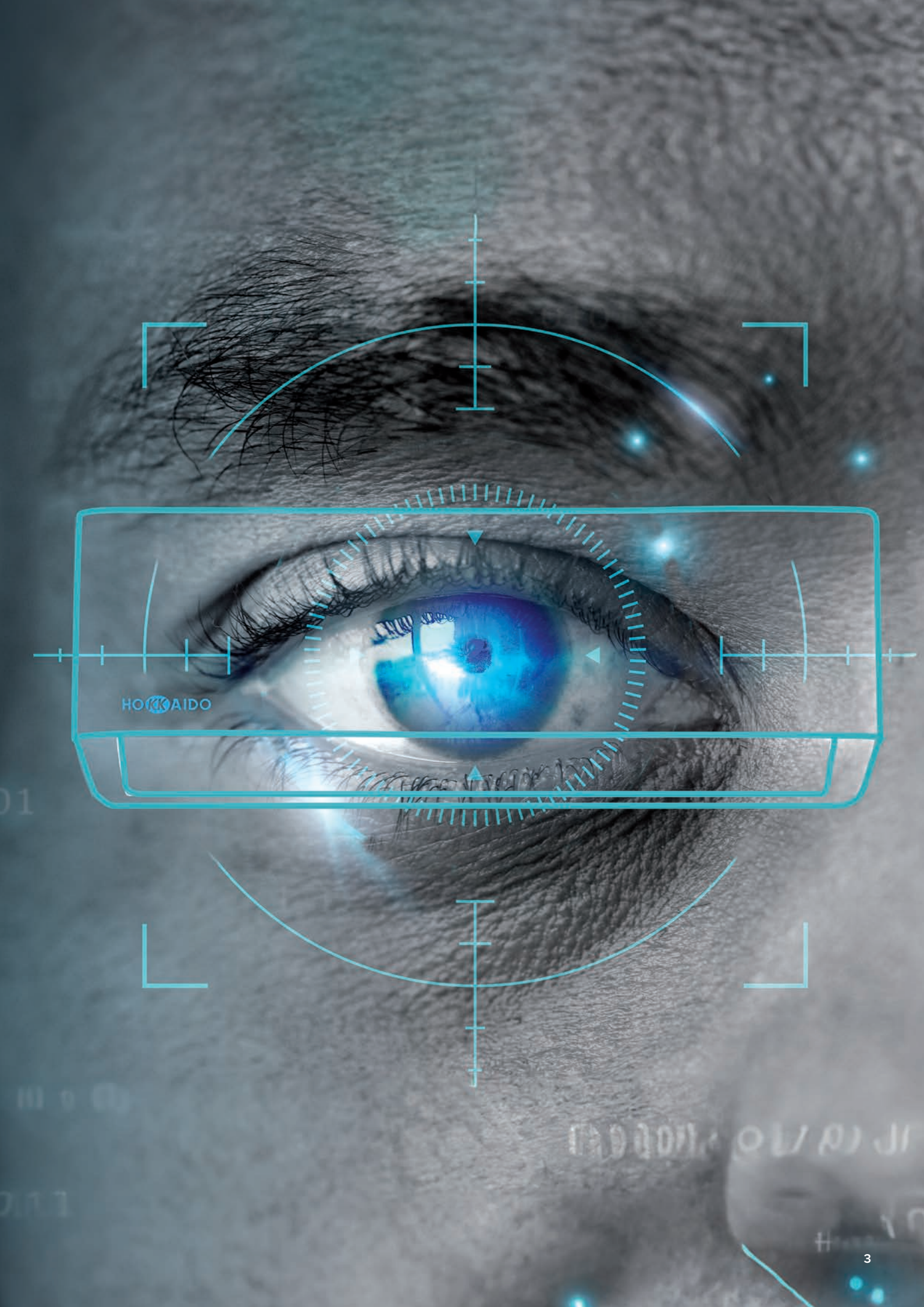
HOKKAIDO

TECHNOLOGY AND PROFESSIONALISM **AT YOUR SERVICE**

Hokkaido is synonymous with reliable products with a high quality-price ratio.

Air conditioning systems that stand out for their savings and efficiency, in line with the regulations and needs of the new energy transition.

A wide range of styles and capacities to meet the needs of every environment.


HOKKAIDO

EXPERIENCE MAKES **TECHNOLOGY**

OVER TWENTY YEARS OF EXPERIENCE

The Hokkaido brand is a leader in Italy and Europe in the air conditioning sector for residential, commercial and industrial applications, its success has been built step by step in over twenty years of activity.

The origins of the Hokkaido brand date back to the end of 1998, the year in which the Termal Group started the distribution of a selection of products for residential air conditioning, whose ***affordable*** value was strongly perceived by the market. The distribution of Hokkaido products immediately had a widespread development throughout Italy, through the channel of professional installers and the national network of consumer electronics stores.

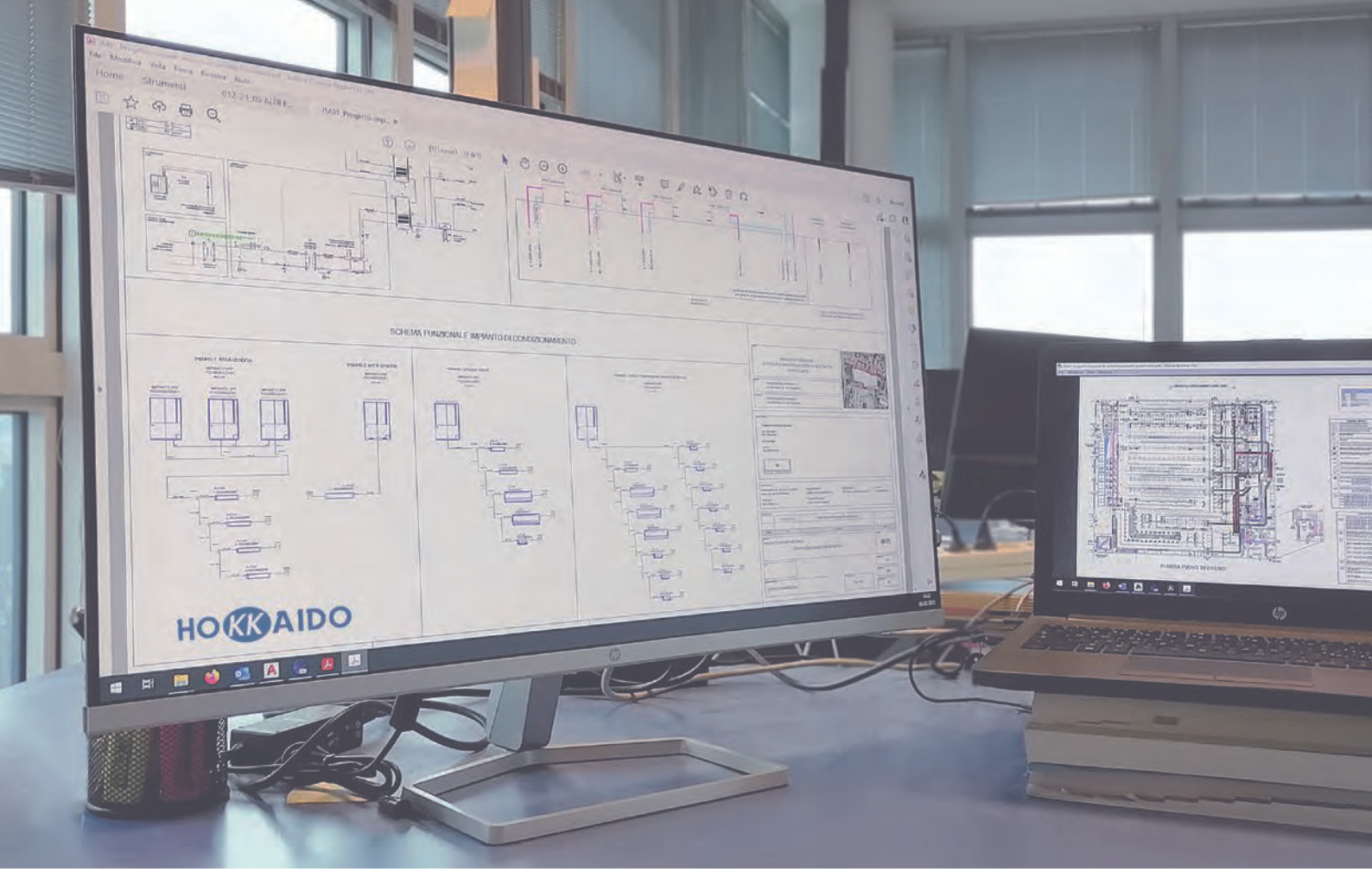
AN INTERNATIONAL BUSINESS

Since the early 2000s, the international network of dealers and distributor partners has developed rapidly, thanks above all to the variety and reliability of the services offered, which has allowed the Hokkaido brand to develop brilliantly on international markets.

KK

HOKKAIDO, **MORE AND MORE**

- *Wide range*
- *Excellent value for money*
- *Integrated logistics*
- *Quick delivery throughout the EU*
- *Vast assortment of spare parts and accessories that can be ordered online and are available in 24 hours*



ASSISTANCE AND **DESIGN**

THE CUSTOMER AT THE CENTER OF THE PROJECT

Hokkaido provides technical and design support for its products through a team of specialised technicians.

As a point of reference, out technicians can provide advice on the following topics:

- sizing of systems;
- installation and use;
- cost estimates.

The budgeting and desing of the plant are carried out using specialized software in order to maximise plant efficiency and reduce installation costs.

THE **DISTRIBUTOR** NETWORK

THE HOKKAIDO DISTRIBUTOR NETWORK

Hokkaido products are distributed by Termal Sales on the Italian as well as international market through specialised distribution networks and an integrated logistics service.

Hokkaido has all the experience and resources needed to provide high-tech, versatile heating, cooling, and hot water solutions for our customers.

Visit the official website **www.hokkaido.it**

ADVANCED LOGISTICS

ONLINE SPARE PARTS AVAILABLE IN 24 HOURS

The success of the brand derives from the great attention to customer needs, with particular reference to logistical organisation, which has always been a point of excellence for Termal Group: rapid deliveries throughout the community, a vast assortment of spare parts and accessories that can be ordered online and available in 24 hours. All this allows customers great operational and commercial flexibility and strong competitiveness in managing the various local markets.

OUR HEADQUARTERS

The headquarters of Termal Sales company is in Bologna, at the Termal Group operations center. A modern complex (4,000 m^2 of offices and 4,500 m^2 of area for product storage) is the operational hub for commercial, logistical and administrative activities.

Technical-commercial assistance and training activities also converge in this centre, managed directly to guarantee high quality standards. The factory, built in a strategic position with respect to the airport and the motorway junction, is built according to the most modern architectural concepts as regards logistics.

PROFESSIONAL TRAINING

TRAINING & PROFESSIONAL REFRESHER COURSES

Hokkaido's technical sales staff believes that the training environment is very important for the professional growth of its customers. To this end, it organizes training modules for learning, updating and technical improvement.

The Academy Centre, at the Bologna headquarters, is made up of classrooms dedicated to theoretical, demonstrative and practical lessons, equipped with functioning products and related control tools. The courses are structured for the installation, assistance and maintenance needs of residential, commercial, VRF and hydronic systems.

The training offer is always updated based on new products, the technological evolution of the products and regulatory adjustments in the sector:

- Refrigerant circuit;
- Installation problems;
- Fault diagnostics;
- Assistance;
- Design of systems with variable capacity;
- Use of software for sizing XRV systems.

At the end of each course di ciascun corso, participants receive an attendance certificate and handouts related to the technical topics dealt with.

HOKKAIDO

Experience makes technology

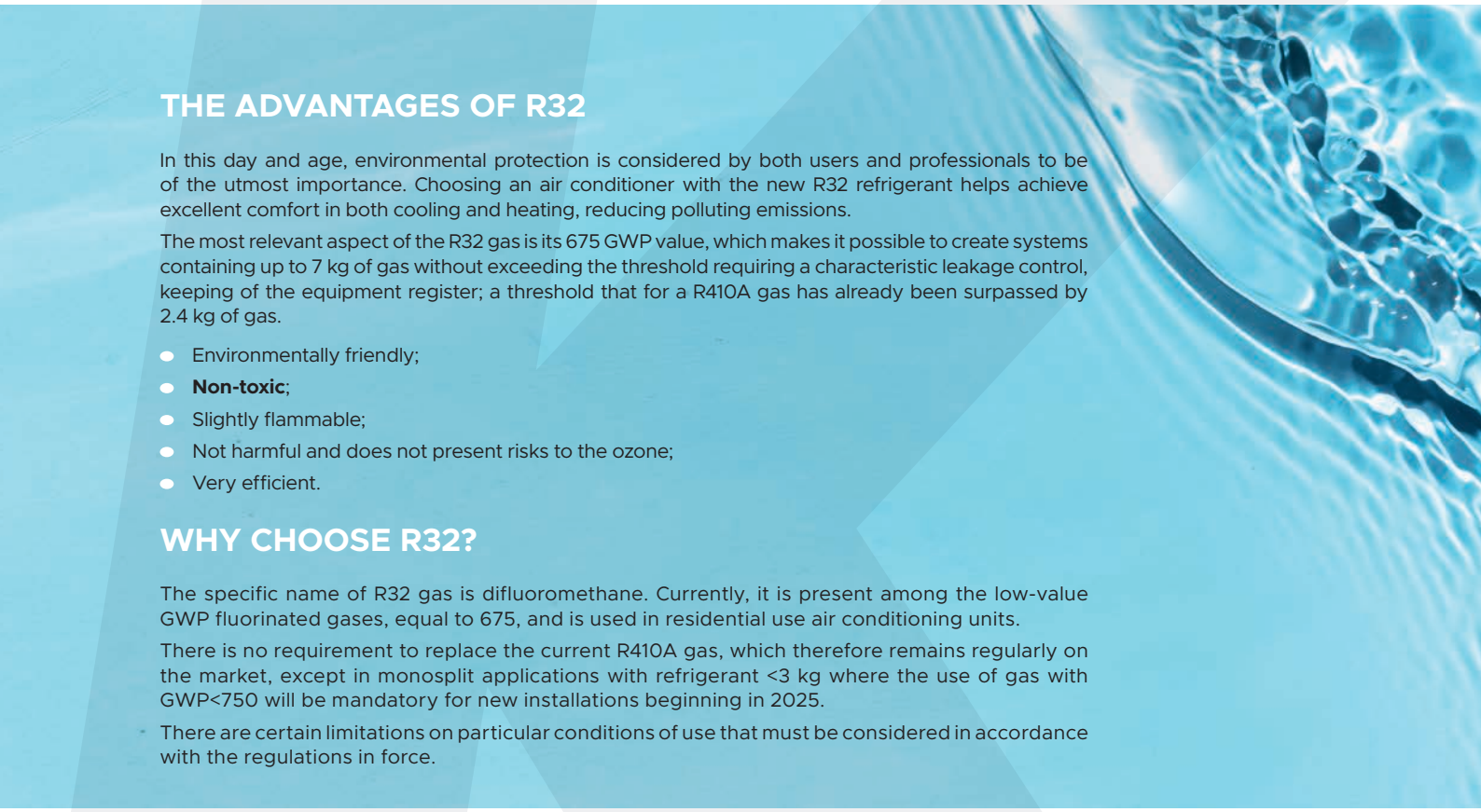
GENERAL INDEX **2024**

RESIDENTIAL & COMMERCIAL R32

RESIDENTIAL AND COMMERCIAL R32, 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 AND COMMERCIAL R32** line, which offers a selection of the best the market has to offer for residential installation.

R32 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 applicationsmust 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 techincal 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 aplìication of the equipment.

CHECK YOUR AIR CONDITIONING **WHEREVER AND WHENEVER YOU WANT**

MORE COMFORT AND MORE SAVINGS

With the Hokkaido Wi-Fi apps, users can control their air conditioning unit remotely.

The available modules can be standard or optional.

FOR EXPERT SAVERS

Hokkaido Wi-Fi functions help you save money and energy. 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.

WIFI SYSTEMS FOR ALL NEEDS

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

LINE UP R32 MONOSPLIT

		kW	2.60	3.50	5.30	7.10	10.80	14.00	16.00
ARASHI									
Wall			HKETM ZAL-1	HKETM ZAL-1	HKETM ZAL-1	HKETM ZAL-1			
WARRIORS									
Wall			HKEMS Z	HKEMS Z					
COMMERCIAL									
Compact cassette				HTFU ZAL	HTFU ZAL				
Slim cassette 84x84						HTBI ZA	HTBI ZA	HTBI ZA	HTBI ZA
Console				HFIU ZAL	HFIU ZAL				
Ducted with medium static pressure				HUCU ZAL	HUCU ZAL	HUCI ZA	HUCI ZA	HUCI ZA	HUCI ZA
Floor/ceiling					HSFU ZAL	HSFI ZA1	HSFI ZA1	HSFI ZA1	HSFI ZA1
Outdoor Units wall ARASHI									
Outdoor Units wall Warriors Outdoor Units commercial									

TOTAL HEAT EXCHANGER

300	400			
●	●			
500	800	1000	1500	2000
●	●	●	●	●

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

BREATHE CLEAN AIR IN YOUR HOME

ARASHI is equipped with a combined action filter system.

6-in-1 filtration system

Generates the following combined effects:

- purifies and deodorises the air (photocatalysis);
- filters out pollen, bacteria and odours (activated carbon);
- purifies and prevents the spread of viruses and bacteria thanks to the green tea properties (catechin);
- eliminates 90% of bacteria (silver ions);
- eliminates harmful dust (anti-dust);
- has an antioxidant effect (vitamin C).

HD (high density) filter

Located on top of the unit,easily removed from its housing, it traps dust and hair. Easy to clean.

B.I.G. Care system

This bipolar system is built into the ARASHI unit to generate and distribute active ions in the air. The ions remove allergens, pollen, mould, smoke, unpleasant odours and dust. The ionised air neutralises germs, viruses and bacteria.

Self-Clean function

This remote control-activated function self-cleans the heat exchanger, drying it of any residual condensation. It prevents the formation of mould and unpleasant odours. The unit sterilization process is carried out at 56°C, guaranteeing the neutralisation of 93.18% of the bacteria inside..

ARASHI

EFFECTIVE AGAINST VIRUSES AND BACTERIA

>98.66%

The UVC sterilization system can inactivate and reduce the concentration of bacteria by up to 98.66% in 1 hour.

UVC sterilization

ARASHI is equipped with a UVC sterilization system that uses ultraviolet rays to neutralise viruses and bacteria.

Neutralises viruses and bacteria

damaging their proteins and DNA.

UVC RADIATION frequency 240/280 nm.

Scientific research has proven that COVID-19, as well as many other viruses, is vulnerable to ultraviolet radiation (UV). The new Hokkaido model, ARASHI, emits UV radiations to one side of the exchanger.The continuous stream of air through the exchanger allows therefore to reduce the quantity of viruses and bacteria in the environment.

ARASHI, EXTREMELY HIGH PERFORMANCE UNDER EXTREME CONDITIONS

WIFI INCLUDED

SMART MANAGEMENT WITH WIFI

All the functions at your fingertips with the app.

The convenience of setting the temperature when you're out, for the utmost comfort when you finally get back home.

SMARTLIFE-SMARTHOME

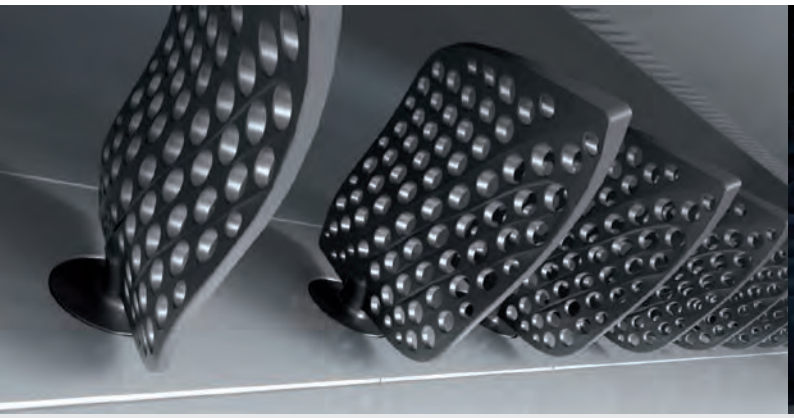
An app that controls and manages the climate in your home, simply an intelligently. Available for Android and iOS. To configure the app, refer to the Technical Manual.

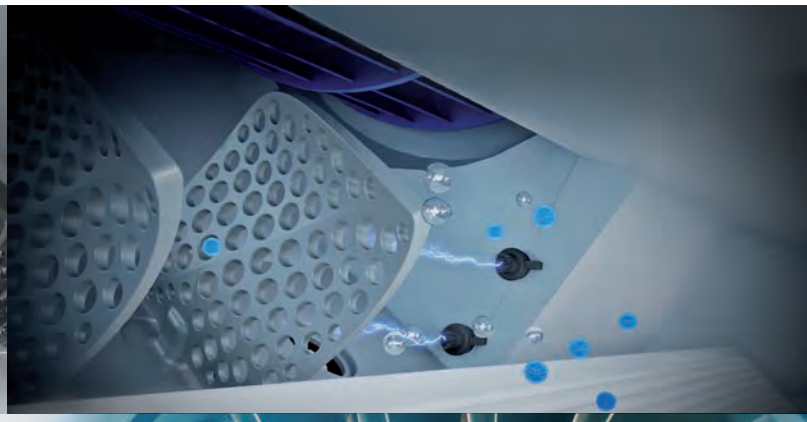
Commercially available voice control device (third party).

AIR DISTRIBUTION LOUVERS

Proprietary and patented technology gives new shape to the air outlet.

The characteristic leaf shape and the perforated surface ensure uniform and delicate air distribution in the room.





TURBO FUNCTION

This remote control-activated function allows the desired temperature to be reached quickly even during the start-up phase, bringing the compressor to maximum frequency, thus determining a 20% increase in the volume of treated air.

ARASHI

OPERATION

-15~**53°**C
in cooling

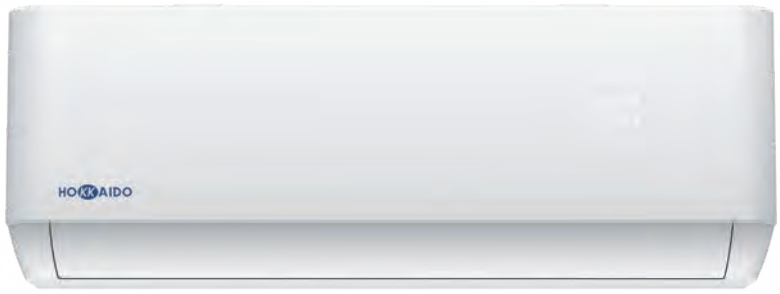
-20~30°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
2.60 kW	6.30/A++	4.00/A+
3.40 kW	6.10/A++	4.00/A+
5.10 kW	6.10/A++	4.00/A+
6.84 kW	6.50/A++	4.00/A+

ARASHI
DC INVERTER

Wall HKETM 261-351-531-711 ZAL-1



-15~53° C in cooling
-20~30° C in heating

22 dB(A) extremely quiet (mod. 2.60/3.40) in Silent mode

5 fan speeds
Remote control included as standard

Smartlife-Smarthome, the app for managing the climate in your home easily

Wi-Fi included

Indoor Unit Model			HKETM 261 ZAL-1	HKETM 351 ZAL-1	HKETM 531 ZAL-1	HKETM 711 ZAL-1
Outdoor Unit Model			HCNTS 261 ZA	HCNTS 351 ZA	HCNTS 531 ZA-1	HCNTS 711 ZA
Type			DC-Inverter heat pump			
Control (included)			IR Remote control			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	2.60 (0.94~3.30)	3.40 (1.00~3.77)	5.10 (1.25~5.90)	6.84 (1.83~7.82)
Rated absorbed power (T=+35°C)		kW	0.80 (0.24~1.38)	1.05 (0.29~1.50)	1.57 (0.33~2.35)	2.10 (0.41~2.80)
Rated energy efficiency coefficient		EER[1]	3.24	3.24	3.24	3.24
Rated capacity (T=+7°C)	Heating	kW	2.63 (0.94~3.36)	3.43 (1.00~3.81)	5.13 (1.25~6.08)	7.05 (1.85~7.96)
Rated absorbed power (T=+7°C)		kW	0.71 (0.24~1.55)	0.92 (0.29~1.73)	1.38 (0.34~2.55)	1.90 (0.42~3.00)
Rated energy performance coefficient		COP[1]	3.73	3.71	3.71	3.71
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	2.60	3.40	5.10	6.80
Seasonal energy efficiency index		SEER[2]	6.30	6.10	6.10	6.50
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++	A++
Annual energy consumption		kWh/y	144	195	293	366
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	2.10	2.40	3.80	5.70
Seasonal energy efficiency index		SCOP[2]	4.00	4.00	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+	A+
Annual energy consumption		kWh/y	735	840	1330	1995
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.	4	4	4	4
Absorbed current	Cooling	A	4.70 (1.20~8.00)	5.10 (1.50~9.00)	8.20 (1.70~12.00)	9.80 (2.30~13.00)
	Heating	A	4.20 (1.20~9.00)	4.70 (1.50~10.00)	7.20 (1.70~13.00)	8.60 (2.30~14.00)
Maximum current		A	9.00	10.00	13.00	14.00
Maximum absorbed power		kW	1.55	1.73	2.55	3.00
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	0.57	0.57	1	1.11
Tons of CO2 equivalent		t	0.385	0.385	0.675	0.749
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.7(1/2")
Max splitting length		m	25	25	25	25
Max height difference I.U/O.U.		m	10	10	10	10
Split length without additional charge		m	5	5	5	5
Additional charge		g/m	15	15	25	25
Indoor unit specifications						
Dimensions	LxDxH	mm	790x192x275	790x192x275	920x195x306	1100x222x333
Net weight		Kg	8.5	8.5	11	14
Sound pressure level	Max	dB(A)	51	51	54	58
Sound power level	S/H/M/L/Mute	dB(A)	41/37/33/25/22	41/37/33/25/22	43/41/38/35/27	47/42/38/34/31
Treated air volume	Max	m³/h	560	560	820	1100
Outdoor unit specifications						
Dimensions	LxDxH	mm	777x290x498	777x290x498	853x349x602	920x380x699
Net weight		Kg	24	24	35	40
Sound power level		dB(A)	60	60	65	68
Sound pressure level		dB(A)	50	50	55	57
Treated air volume		m³/h	1900	1900	2600	3000
Operating range (outdoor temperature)	Cooling	°C	-15~53			
	Heating	°C	-20~30			
Optional parts						
Wi-Fi module			Included			
Wired remote control			NO			
Centralized control			NO			

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

WARRIORS
DC INVERTER

MONOSPLIT WALL AIR CONDITIONING UNIT

Warriors is a sober and elegant air conditioning unit that can be adapted to any type of décor. In order to adjust the temperature, the device utilizes a remote control or an optional Wi-Fi connection with an app that can be downloaded on a smartphone.

With Warriors, users can quickly reduce the temperature in summer and increase the temperature in winter, all without burdening your monthly budget. This model is appreciated for its extensive range of functions and ease of use.

OPERATION

-15~**50°**C
in cooling

-20~30°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
2.64 kW	7.00/A++	4.10/A+
3.22 kW	7.10/A++	4.10/A+

WARRIORS
DC INVERTER

Wall HKEMS 264-354 Z

NEW
2024

- **-15~50° C** in cooling
- **-20~30° C** in heating
- HEPA filter
- High density filter
- Self Cleaning
- Silent
- Refrigerant leak detection
- Anti-freeze function 8° C
- ECO mode
- Automatic horizontal swinging of air outlet flaps
- Golden Fin
- Remote control included as standard
- **Wi-Fi** optional

Indoor unit model			**HKEMS 264 Z**	**HKEMS 354 Z**
Outdoor unit model			**HCNMX 264 Z**	**HCNMX 354 Z**
Type			DC-Inverter heat pump	
Control (included)			IR Remote control	
Nominal data				
Rated capacity (T=+35°C)	Cooling	kW	2.64 (0.90~3.37)	3.224 (1.10~3.90)
Rated absorbed power (T=+35°C)		kW	0.80 (0.10~1.24)	0.998 (0.08~1.6)
Rated energy efficiency coefficient		EER[1]	3.30	3.23
Rated capacity (T=+7°C)	Heating	kW	2.49 (0.81~3.34)	3.31 (1.08~4.13)
Rated absorbed power (T=+7°C)		kW	0.67 (0.12~1.20)	0.88 (0.17~1.40)
Rated energy performance coefficient		COP[1]	3.72	3.76
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	2.60	3.20
Seasonal energy efficiency index		SEER[2]	7.00	7.10
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/y	130	160
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	2.30	2.80
Seasonal energy efficiency index		SCOP[2]	4.10	4.10
Seasonal energy efficiency class		626/2011[3]	A+	A+
Annual energy consumption		kWh/y	792	957
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		type	3 x 2.5 mm2	
Connection wires between I.U. and O.U.		no.	5	5
Rated absorbed current	Cooling	A	3.50 (0.40~5.40)	4.30 (0.80~7.30)
	Heating	A	2.90 (0.50~5.50)	3.80 (1.40~6.40)
Maximum current		A	10.00	10.00
Maximum absorbed power		kW	2.15	2.15
Refrigerant circuit				
Refrigerant[4]		type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	0.47	0.52
Tons of CO2 equivalent		t	0.317	0.351
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 9.52(3/8")
Max splitting length		m	25	25
Max height difference U.I./O.U.		m	10	10
Split length without additional charge		m	5	5
Additional charge		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	715x194x285	805x194x285
Net weight		Kg	6.7	7.3
Sound pressure level	Hi	dB(A)	50	55
Sound power level	Hi/Mi/Lo/Si	dB(A)	37/32/25/21.5	39.5/35.5/25/21.5
Treated air volume	Hi/Mi/Lo	m3/h	435/333/259	530/430/310
Outdoor unit specifications				
Dimensions	LxDxH	mm	720x270x495	720x270x495
Net weight		Kg	21	21
Sound power level		dB(A)	59	63
Sound pressure level		dB(A)	55	55
Treated air volume	Max	m3/h	1750	1750
Operating range (outdoor temperature)	Cooling	°C	-15~50	
	Heating	°C	-20~30	
Optional parts				
Wi-Fi module			HKM-WIFI-TB	
Wired remote control			NO	
Centralized control			NO	

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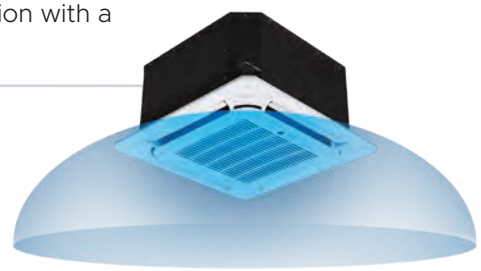
COMPACT **CASSETTE** 60x60

MONOSPLIT COMPACT CASSETTE

The cassette type air conditioning units are designed for commercial and residential applications. They are ideal for open space or irregular-shaped rooms, and they can comfortably and discreetly fit in any location with a suspended ceiling.

360°

8-way TFP 200 ZA panel with 360° air diffusion



OPERATION

-15~**50°**C
in cooling

-15~24°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
3.52 kW	6.60/A++	4.10/A+
5.28 kW	6.30/A++	4.00/A+

COMPACT **CASSETTE** 60x60

HTFU 351-531 ZAL

-15~50° C in cooling
-15~24° C in heating

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

Pre-set for external air inlet

Remote control included as standard

Wi-Fi optional

Indoor unit model			**HTFU 351 ZAL**	**HTFU 531 ZAL**
Outdoor unit model			**HCKI 351 ZA-1**	**HCKI 531 ZA-1**
Type			DC-Inverter heat pump	
Control (included)			IR Remote control	
Nominal data				
Rated capacity (T=+35°C)	Cooling	kW	3.52 (0.85~4.11)	5.28 (2.90~5.59)
Rated absorbed power (T=+35°C)		kW	1.01 (0.17~1.43)	1.63 (0.72~2.09)
Rated energy efficiency coefficient		EER[1]	3.48	3.23
Rated capacity (T=+7°C)	Heating	kW	3.81 (0.47~4.31)	5.18 (2.37~6.10)
Rated absorbed power (T=+7°C)		kW	1.02 (0.12~1.38)	1.38 (0.70~1.93)
Rated energy performance coefficient		COP[1]	3.74	3.75
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	3.50	5.30
Seasonal energy efficiency index		SEER[2]	6.60	6.30
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/y	186	294
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	2.70	4.20
Seasonal energy efficiency index		SCOP[2]	4.10	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+
Annual energy consumption		kWh/y	922	1470
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 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.	4	4
Rated absorbed current	Cooling	A	4.50 (1.30~6.30)	7.20 (3.20~9.20)
	Heating	A	4.70 (1.00~6.10)	6.80 (3.10~8.50)
Maximum current		A	9.00	13.50
Maximum absorbed power		kW	1.85	2.95
Refrigerant circuit				
Refrigerant[4]		Type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	0.71	1.15
Tons of CO2 equivalent		t	0.479	0.776
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Max splitting length		m	25	30
Max height difference I.U/O.U.		m	10	20
Split length without additional charge		m	5	5
Additional charge		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	570x570x260	570x570x260
Net weight		Kg	16.3	16.5
Sound power level	Hi	dB(A)	56	57
Sound pressure level	Hi/Mi/Lo	dB(A)	42/37.5/34.5	45.4/44/39
Treated air volume	Hi/Mi/Lo	m³/h	569/485/389	680/584/479
Condensate drain pipe diameter		mm	ø25	ø25
Outdoor unit specifications				
Dimensions	LxDxH	mm	765x303x555	805x330x554
Net weight		Kg	26.6	32.5
Sound power level		dB(A)	61	65
Sound pressure level		dB(A)	53.6	56
Treated air volume	Max	m³/h	2200	2100
Operating range (outdoor temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Accessories				
Decorative panel			TFP 200 ZA	
Dimensions	LxDxH	mm	647x647x50	
Net weight		Kg	2.5	
Optional parts				
Wi-Fi module			On demand	
Wired remote control			DHW-WT-ZA	
Centralized control			DTC IHXR TOUCH / DTCWT IHXR	
Wi-Fi centralized control			XRV Mobile BMS	

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

SLIM **CASSETTE** 84x84

MONOSPLIT CASSETTE TYPE UNIT

The 8-way cassette type units for suspended ceilings combine exceptional features with a sophisticated design. They offer high seasonal efficiency and advanced control options. This range is extremely flexible and uses low GWP R32 refrigerant.

OPERATION

-15~**50°**C
in cooling

-15~24°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
6.16 kW	6.20/A++	4.00/A+
10.01 kW	6.40/A++	4.00/A+
12.93 kW	6.10/A++	4.00/A+
13.57 kW	6.30/A++	4.00/A+

SLIM **CASSETTE** 84x84

HTBI 711-1081-1401-1601 ZA

-15~50° C in cooling
-15~24° C in heating
8-way TBP 711 ZA panel

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

Pre-set for external air inlet
Remote control included as standard

Wi-Fi
optional

Indoor unit model			**HTBI 711 ZA**	**HTBI 1081 ZA**	**HTBI 1401 ZA**	**HTBI 1601 ZA**
Outdoor unit model			**HCKI 711 ZA-1**	**HCSI 1081 ZA-1**	**HCSI 1401 ZA-1**	**HCSI 1601 ZA-1**
Type			DC-Inverter heat pump			
Control (included)			IR Remote control			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	6.16 (3.30~7.91)	10.01 (2.70~11.43)	12.93 (3.52~15.83)	13.57 (4.10~16.71)
Rated absorbed power (T=+35°C)		kW	1.88 (0.78~2.75)	3.04 (0.89~4.15)	3.97 (0.80~5.90)	4.16 (0.98~6.20)
Rated energy efficient coefficient		EER[1]	3.28	3.29	3.26	3.26
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.81~8.94)	11.14 (2.78~12.30)	15.44 (4.10~17.29)	15.30 (4.40~19.93)
Rated absorbed power (T=+7°C)		kW	1.90 (0.61~2.70)	3.00 (0.78~4.00)	4.14 (0.90~5.50)	4.07 (1.02~6.70)
Rated energy performance coefficient		COP[1]	4.01	3.71	3.73	3.76
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	7.00	10.50	14.00	15.30
Seasonal energy efficiency index		SEER[2]	6.20	6.40	6.10	6.30
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++	A++
Annual energy consumption		kWh/y	395	574	803	850
Theoretical load (Pdesignh) @ -10°C	Heating.. (average climate conditions)	kW	6.00	8.20	11.00	11.90
Seasonal energy efficiency index		SCOP[2]	4.00	4.00	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+	A+
Annual energy consumption		kWh/y	2100	2870	3850	4165
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	3Ph - 380/415V - 50Hz		
Power cable		Type	3 x 4 mm²	5 x 2.5 mm²	5 x 4 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current	Cooling	A	10.20 (4.20~12.00)	6.50 (1.40~6.50)	8.10 (1.80~10.20)	8.60 (2.10~10.70)
	Heating	A	8.50 (3.60~12.10)	5.00 (1.30~6.40)	8.00 (1.90~9.50)	9.60 (2.10~10.70)
Maximum current		A	19.00	10.00	13.00	14.00
Maximum absorbed current		kW	3.70	5.00	6.90	7.50
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	1.5	2.4	2.9	3
Tons of CO2 equivalent		t	1.013	1.620	1.958	2.025
Diameter of refrigerant piping on liquid/gas		mm (inches)	9.52(3/8") / 15.88(5/8")			
Max splitting length		m	50	75	75	75
Max height difference I.U/O.U.		m	25	30	30	30
Splitting length without additional charge		m	5	5	5	5
Additional charge		g/m	24	24	24	24
Indoor unit specifications						
Dimensions	LxDxH	mm	830x830x205	830x830x245	830x830x287	830x830x287
Net weight		Kg	21.6	27.2	29.3	29.3
Sound power level	Hi	dB(A)	57	63	65	65
Sound pressure level	Hi/Mi/Lo	dB(A)	50/47.5/42	51/49/46	52.5/50.5/48	54.5/52/49.5
Treated air volume	Hi/Mi/Lo	m³/h	1247/1118/992	1700/1530/1300	1900/1750/1600	2000/1850/1650
Condensate drain pipe diameter		mm	ø25	ø25	ø25	ø25
Outdoor unit specifications						
Dimensions	LxDxH	mm	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	43.9	80.5	103.7	107
Sound power level		dB(A)	67	70	73	74
Sound pressure level		dB(A)	60	63	63.5	64
Treated air volume	Max	m³/h	3500	4000	7500	7500
Operating range (outdoor temperature)	Cooling	°C	-15~50			
	Heating	°C	-15~24			
Accessories						
Decorative panel			TBP 711 ZA			
Dimensions	LxDxH	mm	950x950x55	950x950x55	950x950x55	950x950x55
Net weight		Kg	6	6	6	6
Optional parts						
Wi-Fi module			HKM-WIFI-TB			
Wired remote control			DHW-WT-ZA			
Centralized control			DTC IHXR TOUCH / DTCWT IHXR			
Wi-Fi centralized control			XRV Mobile BMS			

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

DUCTED WITH MEDIUM STATIC PRESSURE

MONOSPLIT DUCTED TYPE UNIT

The Hokkaido Ducted systems combine first class features with a plain design for easy installation and maintenance. Our ducted air conditioning units are suitable for both residential and commercial applications.

OPERATION

-15~**50°**C
in cooling

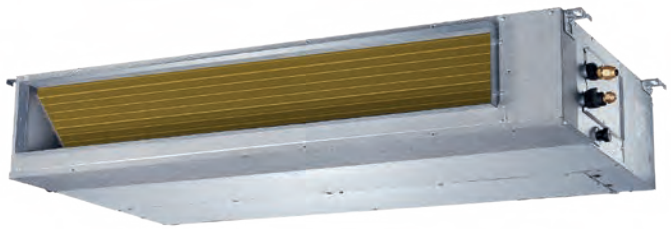
-15~24°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
3.52 kW	6.30/A++	4.00/A+
5.28 kW	6.50/A++	4.00/A+
7.03 kW	6.20/A++	4.00/A+
9.97 kW	6.10/A++	4.00/A+
12.71 kW	6.10/A++	4.00/A+
13.01 kW	6.10/A++	4.00/A+

DUCTED WITH MEDIUM STATIC PRESSURE

HUCU 351-531 ZAL



-15~50º C in cooling
-15~24º C in heating
Compatible with systems AIRZONE

Condensate drain pump included with possibility of raising the discharge up to 750 mm from the lower height.
100 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate.

Wired remote control included

Wi-Fi optional

Indoor unit model			**HUCU 351 ZAL**	**HUCU 531 ZAL**
Outdoor unit model			**HCKI 351 ZA-1**	**HCKI 531 ZA-1**
Type			DC-Inverter heat pump	
Control (included)			Wired remote control	
Nominal data				
Rated capacity (T=+35ºC)	Cooling	kW	3.52 (0.53~3.99)	5.28 (2.55~5.86)
Rated absorbed power (T=+35ºC)		kW	1.05 (0.16~1.37)	1.53 (0.71~2.15)
Rated energy efficiency coefficient		EER[1]	3.34	3.45
Rated capacity (T=+7ºC)	Heating	kW	3.81 (1.00~4.39)	5.57 (2.20~6.15)
Rated absorbed power (T=+7ºC)		kW	1.03 (0.30~1.39)	1.50 (0.74~1.76)
Rated enegy performance coefficient		COP[1]	3.71	3.71
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	3.50	5.40
Seasonal energy efficiency index		SEER[2]	6.30	6.50
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/y	194	291
Theoretical load (Pdesignh) @ -10ºC	Heating (average climate conditions)	kW	2.70	4.30
Seasonal energy efficiency index		SCOP[2]	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+
Annual energy consumption		kWh/y	945	1505
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 2.5 mm^2	3 x 4 mm^2
Connection wires between I.U. and O.U.		no.	4	4
Rated absorbed power	Cooling	A	4.80 (1.30~6.10)	7.10 (3.20~9.60)
	Heating	A	4.50 (1.50~6.20)	6.80 (3.30~7.70)
Maximum current		A	9.00	13.50
Maximum absorbed power		kW	1.85	2.95
Refrigerant circuit				
Refrigerant[4]		Type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	0.71	1.15
Tons of CO2 equivalent		t	0.479	0.776
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Max splitting length		m	25	30
Max height difference I.U./O.U.		m	10	20
Split length withour additional charge		m	5	5
Additional charge		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	700x506x200	880x674x210
Net weight		Kg	17.8	24.4
Sound power level	Hi	dB(A)	57	58
Sound pressure level	Hi/Mi/Lo	dB(A)	34.5/32/30	42/39/35
Treated air volume	Hi/Mi/Lo	m^3/h	600/480/300	911/706/515
Fan static pressure	Std/Max	Pa	25/60	25/100
Condensate drain pipe diameter		mm	ø25	ø25
Outdoor unit specifications				
Dimensions	LxDxH	mm	765x303x555	805x330x554
Net weight		Kg	26.6	32.5
Sound power level		dB(A)	61	65
Sound pressure level		dB(A)	53.6	56
Treated air volume	Max	m^3/h	2200	2100
Operating range (outdoor temperature)	Cooling	ºC	-15~50	
	Heating	ºC	-15~24	
Optional parts				
Wi-Fi module			On demand	
Centralized control			DTC IHXR TOUCH / DTCWT IHXR	
Wi-Fi centralized control			XRV Mobile BMS	

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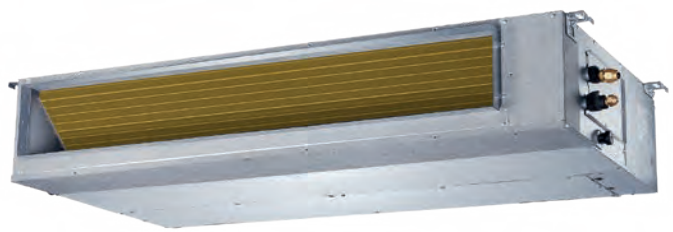
DUCTED WITH MEDIUM STATIC PRESSURE

HUCU 351-531 ZAL



-15~50° C in cooling
-15~24° C in heating
Compatible with systems AIRZONE

Condensate drain pump included with possibility of raising the discharge up to 750 mm from the lower height
160 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate

Wired remote control included

Wi-Fi optional

Indoor unit model			**HUCI 711 ZA**	**HUCI 1081 ZA**	**HUCI 1401 ZA**	**HUCI 1601 ZA**
Outdoor unit model			**HCKI 711 ZA-1**	**HCSI 1081 ZA-1**	**HCSI 1401 ZA-1**	**HCSI 1601 ZA-1**
Type			DC-Inverter heat pump			
Control (included)			Wired remote control			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.03 (3.28~8.16)	9.97 (2.73~11.78)	12.71 (3.52~15.53)	13.01 (4.10~17.29)
Rated absorbed power (T=+35°C)		kW	2.18 (0.75~2.96)	3.04 (0.89~4.20)	3.90 (0.88~6.00)	3.94 (1.03~6.65)
Rated energy efficiency coefficient		EER[1]	3.23	3.28	3.25	3.30
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.81~8.49)	11.25 (2.78~12.84)	15.03 (4.10~18.17)	16.83 (4.40~20.52)
Rated absorbed power (T=+7°C)		kW	1.90 (0.64~2.58)	2.88 (0.78~4.00)	4.02 (0.95~5.70)	4.48 (0.95~6.60)
Rated energy performance coefficient		COP[1]	4.01	3.91	3.74	3.76
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	7.10	10.60	14.00	15.30
Seasonal energy efficiency index		SEER[2]	6.20	6.10	6.10	6.10
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++	A++
Annual energy consumption		kWh/y	401	608	803	878
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	5.40	8.80	11.50	12.50
Seasonal energy efficiency index		SCOP[2]	4.00	4.00	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+	A+
Annual energy consumption		kWh/y	1890	3080	4025	4375
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	3Ph - 380/415V - 50Hz		
Power cable		Type	3 x 4 mm^2	5 x 2.5 mm^2	5 x 4 mm^2	5 x 4 mm^2
Connection wires between I.U.and O.U.		no.	4	4	4	4
Rated absorbed current	Cooling	A	10.20 (4.20~13.20)	6.50 (1.40~6.70)	8.40 (1.90~10.40)	9.60 (3.10~11.50)
	Heating	A	9.20 (3.80~11.60)	5.30 (1.30~6.40)	8.00 (2.00~9.80)	9.50 (2.00~11.50)
Maximum current		A	19.00	10.00	13.00	14.00
Maximum absorbed power		kW	3.70	5.00	6.90	7.50
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	1.5	2.4	2.9	3
Tons of CO2 equivalent		t	1.013	1.620	1.958	2.025
Diameter of refrigerant piping on liquid/gas		mm (inches)	9.52(3/8") / 15.88(5/8")			
Max splitting length		m	50	75	75	75
Max height difference I.U./O.U.		m	25	30	30	30
Split length without additional charge		m	5	5	5	5
Additional charge		g/m	24	24	24	24
Indoor unit specifications						
Dimensions	LxDxH	mm	1100x774x249	1360x774x249	1200x874x300	1200x874x300
Net weight		Kg	32.3	40.5	47.4	47.6
Sound power level	Hi	dB(A)	61	61	66	66
Sound pressure level	Hi/Mi/Lo	dB(A)	49/46/41	50.5/49/47	51.5/49/47	52.5/49/47
Treated air volume	Hi/Mi/Lo	m^3/h	1229/1035/825	2100/1800/1500	2400/2040/1680	2600/2210/1820
Fan static pressure	Std/Max	Pa	25/160	37/160	50/160	50/160
Condensate drain pipe diameter		mm	ø25	ø25	ø25	ø25
Outdoor unit specifications						
Dimensions	LxDxH	mm	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	43.9	80.5	103.7	107
Sound power level		dB(A)	67	70	73	74
Sound pressure level		dB(A)	60	63	63.5	64
Treated air volume	Max	m^3/h	3500	4000	7500	7500
Operating range (outdoor temperature)	Cooling	°C	-15~50			
	Heating	°C	-15~24			
Optional parts						
Wi-Fi module			On demand			
Centralized control			DTC IHXR TOUCH / DTCWT IHXR			
Wi-Fi centralized control			XRV Mobile BMS			

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

CONSOLE

MONOSPLIT CONSOLE TYPE UNIT

The new Hokkaido console indoor unit was designed to provide best functionalitycombined with a pleasant and modern look.
Thanks to the diversified air flows, these indoor units allow to obtain a high level of thermal comfort in your room.

OPERATION

-15~**50°**C
in cooling

-15~24°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
3.52 kW	7.30/A++	4.00/A+
4.98 kW	6.70/A++	4.00/A+

CONSOLE

HFIU 351-501 ZAL

- **-15~50° C** in cooling
- **-15~24° C** in heating
- Extremely compact with only **200 mm depth**

- Possibility of **double delivery**, from upper and lower flap
- Double installation option, floor or wall using a bracket

- Remote control included as standard

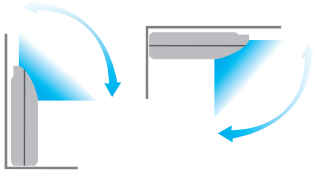
Wi-Fi optional

Indoor unit model			HFIU 351 ZAL	HFIU 501 ZAL
Outdoor unit model			HCKI 351 ZA-1	HCKI 531 ZA-1
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Nominal data				
Rated capacity (T=+35°C)	Cooling	kW	3.52 (0.76~4.25)	4.98 (2.64~5.57)
Rated absorbed power (T=+35°C)		kW	1.00 (0.17~1.35)	1.50 (0.65~1.95)
Rated energy efficiency coefficient		EER[1]	3.52	3.32
Rated capacity (T=+7°C)	Heating	kW	3.81 (0.45~4.69)	5.28 (2.20~6.30)
Rated absorbed power (T=+7°C)		kW	0.98 (0.15~1.30)	1.42 (0.60~1.90)
Rated energy performance coefficient		COP[1]	3.89	3.72
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	3.50	5.00
Seasonal energy efficiency index		SEER[1]	7.30	6.70
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/y	168	261
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	2.60	4.00
Seasonal energy efficiency index		SCOP[2]	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+
Annual energy consumption		kWh/y	910	1400
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 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.	4	4
Rated absorbed current	Cooling	A	4.50 (1.40~5.90)	6.70 (3.00~8.70)
	Heating	A	4.40 (1.30~6.00)	6.40 (2.80~8.50)
Maximum current		A	9.00	13.50
Maximum absorbed power		kW	1.85	2.95
Refrigerant circuit				
Refrigerant[4]		Type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	0.71	1.15
Tons of CO2 equivalent		t	0.479	0.776
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Max splitting length		m	25	30
Max height difference I.U/O.U.		m	10	20
Split length without additional charge		m	5	5
Additional charge		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	794x200x621	794x200x621
Net weight		Kg	14.9	14.9
Sound power level	Hi	dB(A)	54	55
Sound pressure level	Hi/Mi/Lo	dB(A)	37/34/27	41/38/32
Treated air volume	Hi/Mi/Lo	m³/h	650/580/490	780/690/600
Condensate drain pipe diameter		mm	ø16	ø16
Outdoor unit specifications				
Dimensions	LxDxH	mm	765x303x555	805x330x554
Net weight		Kg	26.6	32.5
Sound power level		dB(A)	62	63
Sound pressure level		dB(A)	54	55
Treated air volume	Max	m³/h	2200	2100
Operating range (outdoor temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Optional parts				
Wi-Fi module			HKM-WiFi-TB	
Wired remote control			NO	
Centralized control			NO	
Wi-Fi centralized control			NO	

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

FLOOR/CEILING

TWO WAYS OF INSTALLATION



New design and easy control, stylish with a slim profile.

The wide air distribution louver with aerodynamic flaps ensure fast and silent operation.

OPERATION

-15~**50°**C
in cooling

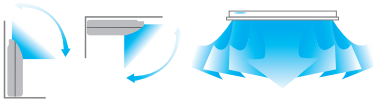
-15~24°C
in heating

PERFORMANCE

MODEL	SEER	SCOP
5.28 kW	6.20/A++	4.00/A+
6.80 kW	6.10/A++	4.00/A+
10.09 kW	6.40/A++	4.10/A+
11.89 kW	6.10/A++	4.00/A+
13.14 kW	6.10/A++	4.00/A+

FLOOR /CEILING

HSFU 531 ZAL - HSFI 711-1081-1401-1601 ZA1



Double installation flexibility

-15~50° C in cooling
-15~24° C in heating

Turbo function, to heat and cool the environment quickly

Remote control included as standard

Wi-Fi optional

Indoor unit model			HSFU 531 ZAL	HSFI 711 ZA1	HSFI 1081 ZA1	HSFI 1401 ZA1	HSFI 1601 ZA1
Outdoor unit model			**HCKI 531 ZA-1**	**HCKI 711 ZA-1**	**HCSI 1081 ZA-1**	**HCSI 1401 ZA-1**	**HCSI 1601 ZA-1**
Type			DC-Inverter heat pump				
Control (included)			Remote control				
Nominal data							
Rated capacity (T=+35°C)	Cooling	kW	5.28 (2.71~5.86)	6.80 (3.22~7.77)	10.09 (2.73~11.78)	11.89 (3.52~15.24)	13.14 (4.10~16.71)
Rated absorbed power (T=+35°C)		kW	1.45 (0.67~2.03)	2.06 (0.75~2.93)	3.10 (0.89~4.30)	3.60 (0.90~5.95)	3.91 (1.10~6.65)
Rated energy efficiency coefficient		EER[1]	3.64	3.30	3.25	3.30	3.36
Rated capacity (T=+7°C)	Heating	kW	5.57 (2.42~6.30)	7.62 (2.72~8.29)	11.71 (2.81~12.78)	13.51 (4.10~17.00)	14.90 (4.40~19.64)
Rated absorbed power (T=+7°C)		kW	1.50 (0.54~1.64)	2.05 (0.65~2.85)	3.09 (0.78~3.95)	3.60 (1.00~6.05)	4.00 (1.05~7.10)
Rated energy performance coefficient		COP[1]	3.71	3.72	3.80	3.76	3.73
Seasonal data							
Theoretical load (Pdesignc)	Cooling	kW	5.40	7.20	10.50	14.00	15.50
Seasonal energy efficiency index		SEER[2]	6.20	6.10	6.40	6.10	6.10
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++	A++	A++
Annual energy consumption		kWh/a	305	413	574	803	916
Theoretical load(Pdesignh) @ -10°C	Heating (average climate conditions)	kW	4.00	5.50	8.60	11.20	11.90
Seasonal energy efficiency index		SCOP[2]	4.00	4.00	4.10	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+	A+	A+
Annual energy consumption		kWh/a	1400	1890	3150	4025	4165
Electrical data							
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz		3Ph - 380/415V - 50Hz		
Power cable		Type	3 x 4 mm^2	3 x 4 mm^2	5 x 2.5 mm^2	5 x 4 mm^2	5 x 4 mm^2
Connection wires between I.U. and O.U.		no.	4	4	4	4	4
Rated absorbed current	Cooling	A	6.00 (3.20~9.00)	10.50 (3.90~13.10)	6.30 (1.40~6.80)	8.80 (1.90~10.30)	9.70 (3.20~11.50)
	Heating	A	6.60 (2.70~7.30)	9.50 (3.50~12.70)	5.4 0(1.30~6.20)	8.90 (2.10~10.50)	10.50 (2.20~12.00)
Maximum current		A	13.50	19.00	10.00	13.00	14.00
Maximum absorbed power		kW	2.95	3.70	5.00	6.90	7.50
Refrigerant circuit							
Refrigerant[4]		Type (GWP)	R32 (675)				
Quantity refrigerant pre-load		Kg	1.15	1.5	2.4	2.9	3
Tons of CO2 equivalent		t	0.776	1.013	1.620	1.958	2.025
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 12.74(1/2")	9.52(3/8") / 15.88(5/8")			
Max splitting length		m	30	50	75	75	75
Max height difference I.U/O.U.		m	20	25	30	30	30
Splitting length without additional charge		m	5	5	5	5	5
Additional charge		g/m	12	24	24	24	24
Indoor unit specifications							
Dimensions	LxDxH	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235
Net weight		Kg	28	28	41.5	41.7	42.3
Sound power level	Hi	dB(A)	57	55	64	67	67
Sound pressure level	Hi/Mi/Lo	dB(A)	44/41/37	51/47/43	51/47.5/45	53/50/46	55/52/48
Treated air volume	Hi/Mi/Lo	m^3/h	958/839/723	1192/1023/853	1955/1728/1504	2100/1850/1600	2200/1950/1650
Condensate drain pipe diameter		mm	ø25	ø25	ø25	ø25	ø25
Outdoor unit specifications							
Dimensions	LxDxH	mm	805x330x554	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	32.5	43.9	80.5	103.7	107
Sound power level		dB(A)	65	67	70	73	74
Sound pressure level		dB(A)	56	60	63	63.5	64
Treated air volume	Max	m^3/h	2100	3500	4000	7500	7500
Operating range (outdoor temperature)	Cooling	°C	-15~50				
	Heating	°C	-15~24				
Optional parts							
Wi-Fi module			On demand				
Wired remote control			DHW-WT-ZA				
Centralized control			DTC IHXR TOUCH / DTCWT IHXR				
Wi-Fi centralized control			XRV Mobile BMS				

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances 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 711 ZA**
Outdoor unit model			**HCSI 1401 ZA-1**
Type			DC-Inverter heat pump with 2 slim cassette type indoor units
Control (included)			Remote control
Operating range (outdoor temperature)	Cooling	°C	-15~50
	Heating	°C	-15~24
Nominal data			
Rated capacity (T=+35°C)	Cooling	kW	12.93 (3.52~15.83)
Rated absorbed power (T=+35°C)		kW	3.97 (0.80~5.90)
Rated energy efficiency coefficient		EER[1]	3.26
Rated capacity (T=+7°C)	Heating	kW	15.44 (4.10~17.29)
Rated absorbed power (T=+7°C)		kW	4.14 (0.90~5.50)
Rated energy performance coefficient		COP[1]	3.73
Seasonal data			
Theoretical load (Pdesignc)	Cooling	kW	14.00
Seasonal energy efficiency index		SEER[2]	6.10
Seasonal energy efficiency class		626/2011[3]	A++
Annual energy consumption		kWh/y	803
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	11.00
Seasonal energy efficiency index		SCOP[2]	4.00
Seasonal energy efficiency class		626/2011[3]	A+
Annual energy consumption		kWh/y	3850
Electrical data			
Power supply	Outdoor unit	Ph-V-Hz	3Ph - 380/415V - 50Hz
Power cable		Type	5 x 4 mm[2]
Connection wires between I.U. and O.U.		no.	4
Rated absorbed current	Cooling	A	8.10 (1.80~10.20)
	Heating	A	8.00 (1.90~9.50)
Maximum current		A	13.00
Maximum absorbed current		kW	6.90
Refrigerant circuit			
Refrigerant[4]		Type (GWP)	R32 (675)
Quantity refrigerant pre-load		Kg	2.9
Tons of CO2 equivalent		t	1.958
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	9.52(3/8") / 15.88(5/8")
	Outdoor unit		
Max splitting length		m	75
Max height difference I.U./O.U.		m	30
Split length withour additional charge		m	5
Additional charge		g/m	24

Indoor unit model			**2 x HUCU 351 ZAL**	**2 x HUCU 531 ZAL**	**2 x HUCI 711 ZA**
Outdoor unit model			**HCKI 711 ZA-1**	**HCSI 1081 ZA-1**	**HCSI 1401 ZA-1**
Type			DC-Inverter heat pump with 2 ducted type indoor units		
Control (included)			Wired remote control		
Operating range (outdoor temperature)	Cooling	°C	-15~50		
	Heating	°C	-15~24		
Nominal data					
Rated capacity (T=+35°C)	Cooling	kW	7.03 (3.28~8.16)	9.97 (2.73~11.78)	12.71 (3.52~15.53)
Rated absorbed power (T=+35°C)		kW	2.18 (0.75~2.96)	3.04 (0.89~4.20)	3.90 (0.88~6.00)
Rated energy efficiency coefficient		EER[1]	3.23	3.28	3.25
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.81~8.49)	11.25 (2.78~12.84)	15.03 (4.10~18.17)
Rated absorbed power (T=+7°C)		kW	1.90 (0.64~2.58)	2.88 (0.78~4.00)	4.02 (0.95~5.70)
Rated energy performance coefficient		COP[1]	4.01	3.91	3.74
Seasonal data					
Theoretical load (Pdesignc)	Cooling	kW	7.10	10.60	14.00
Seasonal energy efficiency index		SEER[2]	6.20	6.10	6.10
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++
Annual energy consumption		kWh/y	401	608	803
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	5.40	8.80	11.50
Seasonal energy efficiency index		SCOP[2]	4.00	4.00	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+	A+
Annual energy consumption		kWh/y	1890	3080	4025
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	3Ph - 380/415V - 50Hz	
Power cable		Type	3 x 4 mm[2]	5 x 2.5 mm[2]	5 x 4 mm[2]
Connection wires between I.U. and O.U.		no.	4	4	4
Rated absorbed current	Cooling	A	10.20 (4.20~13.20)	6.50 (1.40~6.70)	8.40 (1.90~10.40)
	Heating	A	9.20 (3.80~11.60)	5.30 (1.30~6.40)	8.00 (2.00~9.80)
Maximum current		A	19.00	10.00	13.00
Maximum absorbed power		kW	3.70	5.00	6.90
Refrigerant circuit					
Refrigerant[4]		Type (GWP)	R32 (675)		
Quantity refrigerant pre-load		Kg	1.5	2.4	2.9
Tons of CO2 equivalent		t	1.013	1.620	1.958
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")	9.52(3/8") / 15.88(5/8")
	Outdoor unit		9.52(3/8") / 15.88(5/8")	9.52(3/8") / 15.88(5/8")	
Max splitting length		m	50	75	75
Max height difference I.U./O.U.		m	25	30	30
Split length without additional charge		m	5	5	5
Additional charge		g/m	24	24	24

TWIN COMBINATIONS

Indoor unit model			2 x HSFU 531 ZAL	2 x HSFI 711 ZA1
Outdoor unit model			HCSI 1081 ZA-1	HCSI 1401 ZA-1
Type			DC-Inverter heat pump with 2 floor/ceiling type indoor units	
Control (included)			Remote control	
Operating range (outdoor temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Nominal data				
Rated capacity (T=+35°C)	Cooling	kW	10.09 (2.73~11.78)	11.89 (3.52~15.24)
Rated absorbed power (T=+35°C)		kW	3.10 (0.89~4.30)	3.60 (0.90~5.95)
Rated energy efficiency coefficient		EER[1]	3.25	3.30
Rated capacity (T=+7°C)	Heating	kW	11.71 (2.81~12.78)	13.51 (4.10~17.00)
Rated absorbed power (T=+7°C)		kW	3.09 (0.78~3.95)	3.60 (1.00~6.05)
Rated energy performance coefficient		COP[1]	3.80	3.76
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	10.50	14.00
Seasonal energy efficiency index		SEER[2]	6.40	6.10
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/y	574	803
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	8.60	11.20
Seasonal energy efficiency index		SCOP[2]	4.10	4.00
Seasonal energy efficiency class		626/2011[3]	A+	A+
Annual energy consumption		kWh/y	3150	4025
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	3Ph - 380/415V - 50Hz	
Power cable		Type	5 x 2.5 mm2	5 x 4 mm2
Connection wires between I.U. and O.U.		no.	4	4
Rated absorbed power	Cooling	A	6.30 (1.40~6.80)	8.80 (1.90~10.30)
	Heating	A	5.40 (1.30~6.20)	8.90 (2.10~10.50)
Maximum current		A	10.00	13.00
Maximum absorbed power		kW	5.00	6.90
Refrigerant circuit				
Refrigerant[4]		Type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	2.4	2.9
Tons of CO2 equivalent		t	1.620	1.958
Diameter of refrigerant piping on liquid/gas	Indoor unit	mm (inches)	6.35(1/4") / 12.74(1/2")	9.52(3/8") / 15.88(5/8")
	Outdoor unit		9.52(3/8") / 15.88(5/8")	
Max splitting length		m	75	75
Max height difference I.U./O.U.		m	30	30
Split length without additional charge		m	5	5
Additional charge		g/m	24	24

For the specifications of indoor/outdoor units, the connectable accessories and the optional parts, please refer to the Tables of Mono Models.
1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

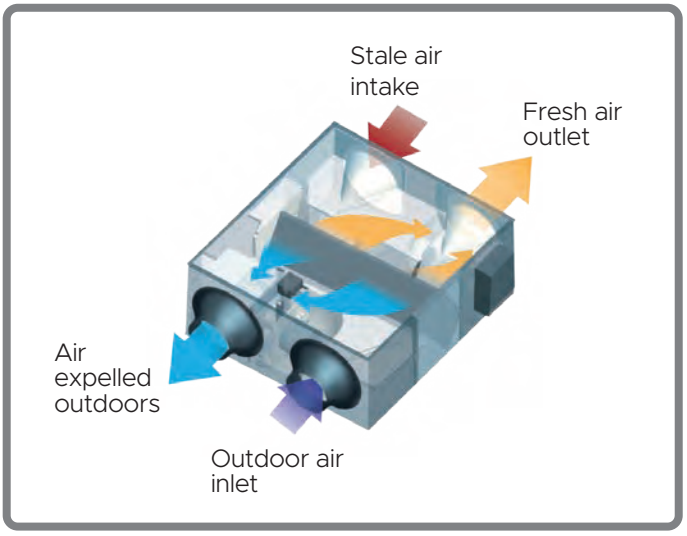
The indoor units that can be used in the Twin combinations are the slim cassette, the medium static pressure ducted unit and the floor/ceiling unit combined with outdoor units HCKI 711 ZA-1, HCSI 1081 ZA-1, HCSI 1401 ZA-1.

TOTAL HEAT EXCHANGER

EHIN 304~404

EHIN 504~2004

The wired controller must be purchased as an accessory



- 7 capacities: 300~2000 m³/h.
- DC Inverter fan.
- Mandatory wire controller.

Enthalpy heat recovey unit.
Energy recovery during heat exchange inside the rooms

Ventilation units with heat recovery are suited for use in bars, restaurants, offices, gyms, changing rooms where air needs to be exchanged during hours of operation.

The unit consists of two centrifugal fans: one introduces clean air filtered from outside an the other one expels the stale air from the inside. The two air flows go through a blade heat exchanger, in which part of the heat is recovered.

Depending on the season, the indoor air heats or cools the outdoor air, which is introduced without coming into contact with it.

Model			EHIN 304	EHIN 404	EHIN 504	EHIN 804	EHIN 1004	EHIN 1504	EHIN 2004
Exchange efficiency[1]	Enthalpy	%	72.1	73.5	74.0	72.3	76.0	69.4	74.7
	Thermal	%	75.5	77.7	80.6	78.7	82.8	75.5	77.2
Electrical data									
Power supply		Ph-V-Hz	1-220~240-50						
Power absorption		W	100	110	150	320	380	680	950
Rated absorbed current		A	0.84	0.97	1.20	2.40	2.90	3.80	5.70
Product specifications									
External dimensions	LxHxD	mm	914x272x1195	1204x272x1276	1106x390x1311	1286x390x1311	1526x390x1311	1425x615x1740	1625x685x1811
Net weight		Kg	56.5	71.5	76	80	90	181.5	208.5
Sound power level	Hi	dB(A)	48	48	50	55	54	69	70
Treated air volume		m³/h	300	400	500	800	1000	1500	2000
Fan static pressure	Hi	Pa	90	100	90	140	160	180	200
Ducting flange		mm	ø144	ø198	ø244	ø244	ø244	ø346x326	ø346x326
Condensate drain pipe			Not required					Necessary	
Operating range (max UR 80%)		°C	-7~43						
Degree of protection			IPX2						
Accessories									
Wired control (not included)			DHW EH						
Optional parts									
Group control			DHWT-16-XRV-P						
Centralized control			DHC-8-64-XRV-P / DHC-48-384-XRV-P						

Reference legislation: EU Ecodesign Directive 1253/2014 for non-residential ventilation units (NRVU) and residential ventilation (RVU).
1. Values related to the high speed of the 3 levels settable by wired remote control.

R32 MULTISPLIT

Outdoor unit	EER*	COP*	SEER	SCOP
HCKU 471 Z2	3.23	3.71	5.60 / A+	3.80 / A
HCKU 531 Z2	3.23	3.71	6.10 / A++	3.80 / A
HCKU 601 Z3	3.23	3.71	6.10 / A++	4.00 / A+
HCKU 761 Z3	3.23	3.71	6.10 / A++	4.00 / A+
HCKU 810 Z4	3.23	4.00	6.10 / A++	3.80 / A
HCKU 1060 Z4	3.23	3.93	6.20 / A++	3.80 / A

* The values shown may vary depending on the combinations chosen.
For further information ,please refer to the Technical Manuals.

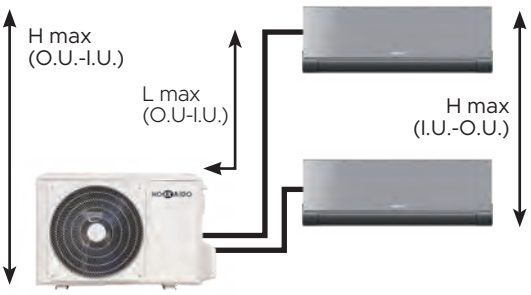
OPERATING RANGE

-15° C / **50°** C
in cooling

-15° C / 24° C
in heating

INSTALLATION FLEXIBILITY

Extensive splitting lengths.



HCKU 471-531 Z2

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

HCKU 601-761 Z3

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

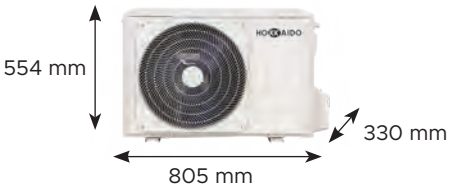
HCKU 810-1060 Z4

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

HIGHLY COMPACT

Highly compact an easy to install.

HCKU 471-531 Z2



HCKU 601-761 Z3

HCKU 810-1060 Z4

R32 MULTISPLIT

	kW	4.10	5.28	6.15	7.91	8.21	10.55
Number of connectable I.U.		**2**	**2**	**3**	**3**	**4**	**4**
		 HCKU 471 Z2	 HCKU 531 Z2	 HCKU 601 Z3	 HCKU 761 Z3	 HCKU 810 Z4	 HCKU 1060 Z4
	HKEMM 266 ZAL	●	●	●	●	●	●
	HKEMM 356 ZAL	●	●	●	●	●	●
	HKEU 263 ZAL	●	●	●	●	●	●
	HKEU 353 ZAL-1	●	●	●	●	●	●
	HKEU 533 ZAL		●	●	●	●	●
	HTFU 351 ZAL	●	●	●	●	●	●
	HTFU 531 ZAL		●	●	●	●	●
	HUCU 351 ZAL	●	●	●	●	●	●
	HUCU 531 ZAL		●	●	●	●	●
	HFIU 351 ZAL	●	●	●	●	●	●
	HFIU 501 ZAL		●	●	●	●	●
	HSFU 531 ZAL		●	●	●	●	●

Performance and consumption are based on the following test conditions:
Heating: O.T. 7° C DB, 6° C WB - 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 4 connectable indoor units

HCKU 471 Z2
HCKU 531 Z2

HCKU 601 Z3
HCKU 761 Z3

HCKU 810 Z4
HCKU 1060 Z4

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

Extended operating range in heating mode down to the outdoor temperature of -15° C, and in cooling mode up to the **outdoor temperature of +50° C**

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

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

Model			HCKU 471 Z2	HCKU 531 Z2	HCKU 601 Z3	HCKU 761 Z3	HCKU 810 Z4	HCKU 1060 Z4
Type			DC-Inverter heat pump outdoor unit					
Connectable indoor units (min - max)		no.	1 - 2	1 - 2	2 - 3	2 - 3	2 - 4	2 - 4
Nominal data								
Rated capacity (T=+35°C)	Cooling	kW	4.10 (1.47~4.98)	5.28 (2.29~5.72)	6.15 (1.99~6.59)	7.91 (3.18~8.21)	8.21 (2.05~9.85)	10.55 (2.05~12.66)
Rated absorbed power (T=+35°C)	Cooling	kW	1.27 (0.12~1.67)	1.635 (0.69~2.00)	1.905 (0.18~2.20)	2.45 (0.29~3.10)	2.54 (0.89~3.18)	3.27 (1.14~4.09)
Rated energy efficiency coefficient	Cooling	EER[1]	3.23	3.23	3.23	3.23	3.23	3.23
Rated capacity (T=+7°C)	Heating	kW	4.40 (1.52~4.98)	5.57 (2.40~5.74)	6.45 (1.45~6.68)	8.21 (2.29~8.50)	8.79 (2.34~10.55)	10.84 (2.34~13.01)
Rated absorbed power (T=+7°C)	Heating	kW	1.185 (0.25~1.59)	1.50 (0.60~1.78)	1.738 (0.35~1.80)	2.21 (0.37~2.90)	2.20 (0.77~2.75)	2.76 (0.97~3.45)
Rated energy performance coefficient	Heating	COP[1]	3.71	3.71	3.71	3.71	4.00	3.93
Seasonal data								
Theoretical load (Pdesignc)	Cooling	kW	4.10	5.30	6.10	7.90	8.20	10.60
Seasonal energy efficiency index	Cooling	SEER[2]	5.60	6.10	6.10	6.10	6.10	6.20
Seasonal energy efficiency class	Cooling	626/2011[3]	A+	A++	A++	A++	A++	A++
Annual energy consumption	Cooling	kWh/y	256	304	350	453	470	598
Theoretical load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	3.70	4.80	5.40	5.60	6.50	9.00
Seasonal energy efficiency index	Heating (average climate conditions)	SCOP[2]	3.80	3.80	4.00	4.00	3.80	3.80
Seasonal energy efficiency class	Heating (average climate conditions)	626/2011[3]	A	A	A+	A+	A	A
Annual energy consumption	Heating (average climate conditions)	kWh/y	1363	1768	1890	1960	2395	3316
Electrical data								
Power supply		Ph-V-Hz	1~220~240V-50HZ					
Power cable		Type	3 x 2.5 mm²	3 x 2.5 mm²	3 x 4 mm²	3 x 4 mm²	3 x 4 mm²	3 x 6 mm²
Connection wires between each I.U. and O.U.		no.	4	4	4	4	4	4
Rated absorbed current	Cooling	A	5.80 (1.10~7.40)	7.30 (3.20~9.00)	8.30 (1.80~10.00)	11.20 (2.00~13.50)	11.30 (3.90~14.10)	14.30 (5.10~18.20)
Rated absorbed current	Heating	A	5.40 (1.90~7.00)	6.60 (2.80~8.00)	7.60 (2.60~8.00)	10.10 (2.40~13.00)	9.80 (3.40~12.20)	12.10 (4.30~15.30)
Maximum current		A	12.00	13.00	17.00	18.00	19.00	21.50
Maximum absorbed power		kW	2.75	3.05	3.91	4.10	4.15	4.60
Refrigerant circuit								
Refrigerant[4]		Type (GWP)	R32 (675)					
Quantity refrigerant pre-load		Kg	1.1	1.25	1.5	1.85	2.1	2.1
Tons of CO2 equivalent		t	0.743	0.844	1.013	1.249	1.418	1.418
Diameter of refrigerant piping on liquid/gas		mm (inches)	2 x 6.35(1/4") 2 x 9.52(3/8")	2 x 6.35(1/4") 2 x 9.52(3/8")	3 x 6.35(1/4") 3 x 9.52(3/8")	3 x 6.35(1/4") 3 x 9.52(3/8")	4 x 6.35(1/4") 3 x 9.52(3/8") + 1 x 12.74(1/2")	4 x 6.35(1/4") 3 x 9.52(3/8") + 1 x 12.74(1/2")
Total splitting length		m	40	40	60	60	80	80
Max length of a single refrigerant line		m	25	25	30	30	35	35
Max height difference I.U./O.U.		m	15	15	15	15	15	15
Max height difference between I.U.		m	10	10	10	10	10	10
Splitting length without addional charge		m	15	15	22.5	22.5	30	30
Additional charge		g/m	12	12	12	12	12	12
Product specifications								
Dimensions	LxDxH	mm	805x330x554	805x330x554	890x342x673	890x342x673	946x410x810	946x410x810
Net weight		Kg	31.6	35	43.3	48	62.1	68.8
Sound power level		dB(A)	65	65	65	68	67	67
Sound pressure level		dB(A)	56	54	57.5	58	61.5	63
Treated air volume		m³/h	2100	2100	3000	3000	3800	4000
Operating range (outdoor temperature)	Cooling	°C	-15~50					
Operating range (outdoor temperature)	Heating	°C	-15~24					

Energy efficiency values refer to the following combinations: HCKU 471 Z2 + 2 x HKEU 203 ZL - HCKU 531 Z2 + 2 x HKEU 263 ZAL - HCKU 601 Z3 + 3 x HKEU 203 ZL - HCKU 761 Z3 + 3 x HKEU 263 ZAL - HCKU 810 Z4 + 4 x HKEU 203 ZL - HCKU 1060 Z4 + 4 x HKEU 263 ZAL.

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. Delegated Regulation (EU) No. 626/2011 regarding the new energy labelling of air conditioners. 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 higher than 1 kg of CO2, over a period of 100 years. Under no cicrumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

INAZAMI DC INVERTER MULTISPLIT INDOOR UNITS

Wall HKEMM 266-356 ZAL

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

"3D flow" air diffusion
Settable **Silent function**

Anti-freeze function 8° C
Remote control included as standard

Wi-Fi optional

Model			HKEMM 266 ZAL	HKEMM 356 ZAL
Type			Wall type indoor unit	
Control (included)			Remote control	
Rated capacity	Cooling	kW	2.60	3.50
	Heating	kW	2.80	3.80
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 9.52(3/8")
Product specifications				
Dimensions	LxDxH	mm	835x208x295	835x208x295
Net weight		Kg	8.7	8.7
Sound power level	Hi	dB(A)	54	55
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	37/31/22	39/33/22
Treated air volume	Hi/Mi/Lo	m³/h	510/360/300	520/370/310
Optional parts				
Wi-Fi module			HKM-WIFI-TB	
Wired control			NO	
Centralized control			NO	

ACTIVE LINE DC INVERTER MULTISPLIT INDOOR UNITS

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

MULTISPLIT VERSION ONLY

Cold catalyst filter
High density filter

Self-cleaning function
Self-diagnosis function

Anti-freeze function 8° C
Refrigerant leak detection

Remote control included as standard

Wi-Fi optional

Model			HKEU 263 ZAL	HKEU 353 ZAL-1	HKEU 533 ZAL
Type			Wall type indoor 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	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		
Connection wires between I.U. and O.U.		no.	4	4	4
Refrigerant circuit					
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Product specifications					
Dimensions	LxDxH	mm	805x194x285	805x194x285	957x213x302
Net weight		Kg	7.6	7.6	10
Sound power level	Hi	dB(A)	54	55	55
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	38.5/32/25	40.5/34.5/25	44/37/30/25
Treated air volume	Hi/Mi/Lo	m³/h	466/360/325	540/430/314	840/680/540
Optional parts					
Wi-Fi module			HKM-WIFI-TB		
Wired control			NO		
Centralized control			NO		

MULTISPLIT INDOOR UNITS

Compact cassette 60x60 HTFU 351-531 ZAL

8-way TFP 200 ZA panel with 360° air diffusion
Pre-set for outside air inlet

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

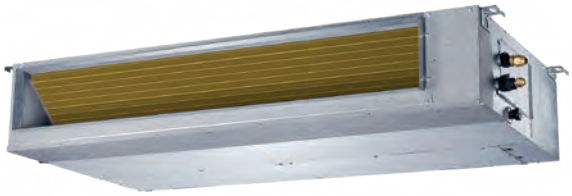
Remote control included as standard

Wi-Fi optional

Model			HTFU 351 ZAL	HTFU 531 ZAL
Type			Cassette indoor unit	
Control (included)			Remote control	
Rated capacity	Cooling	kW	3.50	5.30
	Heating	kW	4.10	5.40
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Product specifications				
Dimensions	LxDxH	mm	570x570x260	570x570x260
Net weight		Kg	16.3	16.5
Sound power level	Hi	dB(A)	56	57
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	41/36/33/25.5	43/39.5/35.5/29
Treated air volume	Hi/Mi/Lo	m³/h	620/510/420	720/620/500
Accessories				
Decorative panel			TFP 200 ZA	
Optional parts				
Wi-Fi module			On demand	
Wired control			DHW-WT-ZA	
Centralized control			DTC IHXR TOUCH / DTCWT IHXR	
Wi-Fi centralized control			XRV Mobile BMS	

MULTISPLIT INDOOR UNITS

Medium static pressure ducted HUCU 351-531 ZAL



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

100 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate
Wired remote control included

Wi-Fi optional

Model			HUCU 351 ZAL	HUCU 531 ZAL
Type			Ducted type indoor unit	
Control (included)			Wired remote control	
Rated capacity	Cooling	kW	3.50	5.30
	Heating	kW	3.80	5.60
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (pollici)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Product specifications				
Dimensions	LxDxH	mm	700x506x200	880x674x210
Net weight		Kg	17.8	24.4
Sound power level	Hi	dB(A)	57	58
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	34.5/30.5/29/23	41/38/34/26
Treated air volume	Hi/Mi/Lo	m3/h	600/480/300	911/706.3/515.2
Fan static pressure	Std/Max	Pa	25/60	25/100
Optional parts				
Wi-Fi module			On demand	
Centralized control			DTC IHXR TOUCH / DTCWT IHXR	
Wi-Fi centralized control			XRV Mobile BMS	

MULTISPLIT INDOOR UNITS

Console HFIU 351-501 ZAL

Extremely compact with only **200 mm depth**

Possibility of **double delivery**, from upper and lower flap

Double installation option, floor or wall using a bracket

Remote control included as standard

Wi-Fi optional

Model			HFIU 351 ZAL	HFIU 501 ZAL
Type			Console type indoor unit	
Control (included)			Remote control	
Rated capacity	Cooling	kW	3.50	4.90
	Heating	kW	3.80	5.20
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")
Product specifications				
Dimensions	LxDxH	mm	794x200x621	794x200x621
Net weight		Kg	14.9	14.9
Sound power level	Hi	dB(A)	54	55
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	37/34/27	41/38/32
Treated air volume	Hi/Mi/Lo	m3/h	650/580/490	780/690/600
Optional parts				
Wi-Fi module			HKM-WiFi-TB	
Wired remote control			NO	
Manual centralized control			NO	
Wi-Fi centralized control			NO	

MULTISPLIT INDOOR UNITS

Ceiling HSFU 531 ZAL

Double installation flexibility

Turbo function, for heating and cooling rooms quickly

Remote control included as standard

Wi-Fi optional

Model			HSFU 531 ZAL
Type			Ceiling type indoor unit
Control (included)			Remote control
Rated capacity	Cooling	kW	5.30
	Heating	kW	5.60
Electrical data			
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz
Connection wires between I.U. and O.U.		no.	4
Refrigerant circuit			
Diameter of refrigerant piping on liquid/gas		mm (inches)	6.35(1/4") / 12.74(1/2")
Product specifications			
Dimensions	LxDxH	mm	1068x675x235
Net weight		Kg	28
Sound power level	Hi	dB(A)	57
Sound pressure level	Hi/Mi/Lo/ULo	dB(A)	43.5/41/36.5/24
Treated air volume	Hi/Mi/Lo	m3/h	958/839/723
Optional parts			
Wi-Fi module			On demand
Wired remote control			DHW-WT-ZA
Centralized control			DTC IHXR TOUCH / DTCWT IHXR
Wi-Fi centralized control			XRV Mobile BMS

TECHNICAL APPENDIX

COMBINATIONS

HCKU 471 Z2 Cooling

Combinations	Indoor units	Combination		Rated cooling capacity (kW)		Total cooling capacity (kW)	Power input (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std	std	std				
1x2	20+20	20	20	2.05	2.05	4.10	1.27	3.23	4.10	5.60	258	A+
	20+26	20	26	1.78	2.32	4.10	1.27	3.23	4.10	5.60	258	A+
	20+35	20	35	1.49	2.61	4.10	1.27	3.23	4.10	5.60	258	A+
	26+26	**26**	**26**	**2.05**	**2.05**	**4.10**	**1.27**	**3.23**	**4.10**	**5.60**	**258**	**A+**
	26+35	26	35	1.75	2.35	4.10	1.27	3.23	4.10	5.60	258	A+

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SEER = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
EER = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL

HCKU 471 Z2 Heating

Combinations	Indoor units	Combination		Rated heating capacity (kW)		Total heating capacity (kW)	Power input (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std	std	std				
1x2	20+20	20	20	2.20	2.20	4.40	1.19	3.71	3.70	3.80	1400	A
	20+26	20	26	1.91	2.49	4.40	1.19	3.71	3.70	3.80	1400	A
	20+35	20	35	1.60	2.80	4.40	1.19	3.71	3.70	3.80	1400	A
	26+26	**26**	**26**	**2.20**	**2.20**	**4.40**	**1.19**	**3.71**	**3.70**	**3.80**	**1400**	**A**
	26+35	26	35	1.88	2.52	4.40	1.19	3.71	3.70	3.80	1400	A

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SCOP = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
COP = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL

HCKU 531 Z2 Cooling

Combinations	Indoor units	Combination		Rated cooling capacity (kW)		Total cooling capacity (kW)	Power input (kW)	EER (W/W)	Pdesignc	SEER	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std	std	std				
	53	53	—	5.00	—	5.00	1.54	3.25	—	—	—	—
1x2	20+20	20	20	2.10	2.10	4.20	1.30	3.24	4.20	6.10	241	A++
	20+26	20	26	2.04	2.66	4.70	1.46	3.23	4.70	6.10	270	A++
	20+35	20	35	1.89	3.31	5.20	1.61	3.23	5.30	6.10	309	A++
	20+53	20	53	1.47	3.88	5.35	1.66	3.23	5.30	6.10	309	A++
	26+26	**26**	**26**	**2.65**	**2.65**	**5.30**	**1.64**	**3.23**	**5.30**	**6.10**	**309**	**A++**
	26+35	26	35	2.26	3.04	5.30	1.64	3.23	5.30	6.10	309	A++
	26+53	26	53	1.76	3.59	5.35	1.66	3.23	5.30	6.10	309	A++
	35+35	35	35	2.65	2.65	5.30	1.64	3.23	5.30	6.10	309	A++

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SEER = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
EER = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

HCKU 531 Z2 Heating

Combinations	Indoor units	Combination		Rated heating capacity (kW)		Total heating capacity (kW)	Power input (kW)	COP (W/W)	Pdesignh	SCOP	Annual consumption (kWh)	Energy class
		Unit A	Unit B	Unit A	Unit B	std	std	std				
	53	53	—	5.20	—	5.20	1.40	3.71	—	—	—	—
1x2	20+20	20	20	2.50	2.50	5.00	1.35	3.71	4.80	3.80	1768	A
	20+26	20	26	2.30	3.00	5.30	1.43	3.71	4.80	3.80	1768	A
	20+35	20	35	2.00	3.50	5.50	1.48	3.71	4.80	3.80	1768	A
	20+53	20	53	1.56	4.14	5.70	1.54	3.71	4.80	3.80	1768	A
	26+26	**26**	**26**	**2.79**	**2.79**	**5.57**	**1.50**	**3.71**	**4.80**	**3.80**	**1768**	**A**
	26+35	26	35	2.39	3.21	5.60	1.51	3.71	4.80	3.80	1768	A
	26+53	26	53	1.91	3.89	5.80	1.56	3.71	4.80	3.80	1768	A
	35+35	35	35	2.80	2.80	5.60	1.51	3.71	4.80	3.80	1768	A

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SCOP = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
COP = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

COMBINATIONS

HCKU 601 Z3 Cooling

Combinations	Indoor units	Combination			Rated cooling capacity (kW)			Total cooling capacity (kW)	Power input (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				
1x2	20+35	20	35	—	1.93	3.37	—	5.30	1.64	3.23	5.30	5.60	331	A+
	20+53	20	53		1.73	4.57	—	6.30	1.95	3.23	6.10	5.60	381	A+
	26+26	26	26	—	2.65	2.65	—	5.30	1.64	3.23	5.30	5.60	331	A+
	26+35	26	35	—	2.56	3.44	—	6.00	1.86	3.23	6.00	5.60	375	A+
	26+53	26	53	—	2.07	4.23	—	6.30	1.94	3.24	6.10	5.60	381	A+
	35+35	35	35	—	3.10	3.10	—	6.20	1.92	3.23	6.10	5.60	381	A+
1x3	20+20+20	20	20	20	2.03	2.03	2.03	6.10	1.89	3.23	6.10	6.10	350	A++
	20+20+26	20	20	26	1.91	1.91	2.48	6.30	1.95	3.23	6.10	6.10	350	A++
	20+20+35	20	20	35	1.68	1.68	2.94	6.30	1.94	3.24	6.10	6.10	350	A++
	20+26+26	20	26	26	1.75	2.28	2.28	6.30	1.94	3.24	6.10	6.10	350	A++
	20+26+35	20	26	35	1.56	2.02	2.72	6.30	1.94	3.24	6.10	6.10	350	A++
	26+26+26	**26**	**26**	**26**	**2.10**	**2.10**	**2.10**	**6.30**	**1.94**	**3.24**	**6.10**	**6.10**	**350**	**A++**
	26+26+35	26	26	35	1.88	1.88	2.53	6.30	1.94	3.24	6.10	6.10	350	A++

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SEER = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
EER = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

HCKU 601 Z3 Heating

Combinations	Indoor units	Combination			Rated heating capacity (kW)			Total heating capacity (kW)	Power input (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				
1x2	20+35	20	35	—	2.15	3.75	—	5.90	1.59	3.71	4.80	3.80	1768	A
	20+53	20	53		1.78	4.72	—	6.50	1.75	3.71	5.12	3.80	1886	A+
	26+26	26	26	—	2.95	2.95	—	5.90	1.59	3.71	4.80	3.80	1768	A
	26+35	26	35	—	2.69	3.61	—	6.30	1.70	3.71	5.12	3.80	1886	A+
	26+53	26	53	—	2.17	4.43	—	6.60	1.78	3.71	5.12	3.80	1886	A+
	35+35	35	35	—	3.15	3.15	—	6.30	1.70	3.71	5.12	3.80	1886	A+
1x3	20+20+20	20	20	20	2.20	2.20	2.20	6.60	1.78	3.71	5.40	4.00	1910	A+
	20+20+26	20	20	26	2.02	2.02	2.62	6.65	1.79	3.72	5.40	4.00	1910	A+
	20+20+35	20	20	35	1.79	1.79	3.13	6.70	1.80	3.72	5.40	4.00	1910	A+
	20+26+26	20	26	26	1.86	2.42	2.42	6.70	1.80	3.72	5.40	4.00	1910	A+
	20+26+35	20	26	35	1.65	2.15	2.90	6.70	1.80	3.72	5.40	4.00	1910	A+
	26+26+26	**26**	**26**	**26**	**2.23**	**2.23**	**2.23**	**6.70**	**1.81**	**3.71**	**5.40**	**4.00**	**1910**	**A+**
	26+26+35	26	26	35	2.00	2.00	2.70	6.70	1.80	3.72	5.40	4.00	1910	A+

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SCOP = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
COP = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

COMBINATIONS

HCKU 761 Z3 Cooling

Combinations	Indoor units	Combination			Rated cooling capacity(kW)			Total cooling capacity (kW)	Power input (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				
1x2	20+35	20	35	—	1.93	3.37	—	5.30	1.64	3.23	5.30	5.60	331	A+
	20+53	20	53	—	1.78	4.72	—	6.50	2.01	3.23	6.50	5.60	406	A+
	26+26	26	26	—	2.65	2.65	—	5.30	1.64	3.23	5.30	5.60	331	A+
	26+35	26	35	—	2.56	3.44	—	6.00	1.86	3.23	6.00	5.60	375	A+
	26+53	26	53	—	2.24	4.56	—	6.80	2.09	3.25	6.80	5.60	425	A+
	35+35	35	35	—	3.15	3.15	—	6.30	1.94	3.24	6.30	5.60	394	A+
	35+53	35	53	—	2.70	4.10	—	6.80	2.09	3.25	6.80	5.60	425	A+
1x3	20+20+20	20	20	20	2.43	2.43	2.43	7.30	2.26	3.23	7.30	6.10	419	A++
	20+20+26	20	20	26	2.24	2.24	2.92	7.40	2.29	3.23	7.40	6.10	425	A++
	20+20+35	20	20	35	2.11	2.11	3.69	7.90	2.45	3.23	7.90	6.10	453	A++
	20+20+53	20	20	53	1.70	1.70	4.50	7.90	2.43	3.25	7.90	6.10	453	A++
	20+26+26	20	26	26	2.11	2.74	2.74	7.60	2.35	3.23	7.60	6.10	436	A++
	20+26+35	20	26	35	1.95	2.54	3.41	7.90	2.45	3.23	7.90	6.10	453	A++
	20+26+53	20	26	53	1.60	2.07	4.23	7.90	2.43	3.25	7.90	6.10	453	A++
	20+35+35	20	35	35	1.76	3.07	3.07	7.90	2.43	3.25	7.90	6.10	453	A++
	26+26+26	**26**	**26**	**26**	**2.63**	**2.63**	**2.63**	**7.90**	**2.45**	**3.23**	**7.90**	**6.10**	**453**	**A++**
	26+26+35	26	26	35	2.36	2.36	3.18	7.90	2.43	3.25	7.90	6.10	453	A++
	26+35+35	26	35	35	2.14	2.88	2.88	7.90	2.43	3.25	7.90	6.10	453	A++
	35+35+35	35	35	35	2.63	2.63	2.63	7.90	2.43	3.25	7.90	6.10	453	A++

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SEER = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
EER = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

HCKU 761 Z3 Heating

Combinations	Indoor units	Combination			Rated heating capacity (kW)			Total heating capacity (kW)	Power input (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				
1x2	20+35	20	35	—	2.18	3.82	—	6.00	1.61	3.73	5.10	3.80	1879	A
	20+53	20	53	—	1.92	5.08	—	7.00	1.88	3.73	5.10	3.80	1879	A
	26+26	26	26	—	3.00	3.00	—	6.00	1.61	3.73	5.10	3.80	1879	A
	26+35	26	35	—	2.69	3.61	—	6.30	1.69	3.73	5.10	3.80	1879	A
	26+53	26	53	—	2.30	4.70	—	7.00	1.88	3.73	5.10	3.80	1879	A
	35+35	35	35	—	3.25	3.25	—	6.50	1.74	3.73	5.10	3.80	1879	A
	35+53	35	53	—	2.78	4.22	—	7.00	1.88	3.73	5.10	3.80	1879	A
1x3	20+20+20	20	20	20	2.27	2.27	2.27	6.80	1.82	3.73	5.60	4.00	1960	A+
	20+20+26	20	20	26	2.12	2.12	2.76	7.00	1.88	3.73	5.60	4.00	1960	A+
	20+20+35	20	20	35	2.11	2.11	3.69	7.90	2.12	3.73	5.60	4.00	1960	A+
	20+20+53	20	20	53	1.78	1.78	4.73	8.30	2.23	3.73	5.60	4.00	1960	A+
	20+26+26	20	26	26	2.19	2.85	2.85	7.90	2.12	3.73	5.60	4.00	1960	A+
	20+26+35	20	26	35	2.02	2.63	3.54	8.20	2.20	3.73	5.60	4.00	1960	A+
	20+26+53	20	26	53	1.68	2.18	4.44	8.30	2.23	3.73	5.60	4.00	1960	A+
	20+35+35	20	35	35	1.84	3.23	3.23	8.30	2.23	3.73	5.60	4.00	1960	A+
	26+26+26	**26**	**26**	**26**	**2.73**	**2.73**	**2.73**	**8.20**	**2.20**	**3.73**	**5.60**	**4.00**	**1960**	**A+**
	26+26+35	26	26	35	2.48	2.48	3.34	8.30	2.23	3.73	5.60	4.00	1960	A+
	26+35+35	26	35	35	2.25	3.03	3.03	8.30	2.23	3.73	5.60	4.00	1960	A+
	35+35+35	35	35	35	2.77	2.77	2.77	8.30	2.23	3.73	5.60	4.00	1960	A+

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SCOP = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
COP = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

COMBINATIONS

HCKU 810 Z4 Cooling

Combinations	Indoor units	Combination				Rated cooling capacity (kW)				Total cooling capacity (kW)	Power input (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				
1x2	20+35	20	35	—	—	1.93	3.37	—	—	5.30	1.64	3.23	5.30	5.10	364	A
	20+53	20	53	—	—	1.92	5.08	—	—	7.00	2.17	3.23	7.00	5.10	480	A
	26+26	26	26	—	—	2.65	2.65	—	—	5.30	1.64	3.23	5.30	5.10	364	A
	26+35	26	35	—	—	2.56	3.44	—	—	6.00	1.86	3.23	6.00	5.10	412	A
	26+53	26	53	—	—	2.40	4.90	—	—	7.30	2.26	3.23	7.30	5.10	501	A
	35+35	35	35	—	—	3.25	3.25	—	—	6.50	2.01	3.23	6.50	5.10	446	A
	35+53	35	53	—	—	2.90	4.40	—	—	7.30	2.26	3.23	7.30	5.10	501	A
	53+53	53	53	—	—	3.75	3.75	—	—	7.50	2.32	3.23	7.50	5.10	515	A
1x3	20+20+20	20	20	20	—	2.00	2.00	2.00	—	6.00	1.86	3.23	6.00	5.60	375	A+
	20+20+26	20	20	26	—	1.97	1.97	2.56	—	6.50	2.01	3.23	6.50	5.60	406	A+
	20+20+35	20	20	35	—	1.89	1.89	3.31	—	7.10	2.20	3.23	7.10	5.60	444	A+
	20+20+53	20	20	53	—	1.68	1.68	4.45	—	7.80	2.41	3.23	7.80	5.60	488	A+
	20+26+26	20	26	26	—	1.89	2.46	2.68	—	6.80	2.11	3.23	6.80	5.60	425	A+
	20+26+35	20	26	35	—	1.85	2.41	3.24	—	7.50	2.32	3.23	7.50	5.60	469	A+
	20+26+53	20	26	53	—	1.58	2.05	4.18	—	7.80	2.41	3.23	7.80	5.60	488	A+
	20+35+35	20	35	35	—	1.73	3.03	3.03	—	7.80	2.41	3.23	7.80	5.60	488	A+
	20+35+53	20	35	53	—	1.44	2.53	3.83	—	7.80	2.41	3.23	7.80	5.60	488	A+
	26+26+26	26	26	26	—	2.37	2.37	2.37	—	7.10	2.20	3.23	7.10	5.60	444	A+
	26+26+35	26	26	35	—	2.33	2.33	3.14	—	7.80	2.41	3.23	7.80	5.60	488	A+
	26+26+53	26	26	53	—	1.93	1.93	3.94	—	7.80	2.41	3.23	7.80	5.60	488	A+
	26+35+35	26	35	35	—	2.11	2.84	2.84	—	7.80	2.41	3.23	7.80	5.60	488	A+
	26+35+53	26	35	53	—	1.78	2.39	3.63	—	7.80	2.41	3.23	7.80	5.60	488	A+
	35+35+35	35	35	35	—	2.60	2.60	2.60	—	7.80	2.41	3.23	7.80	5.60	488	A+
1x4	20+20+20+20	20	20	20	20	2.05	2.05	2.05	2.05	8.21	2.54	3.23	8.21	6.10	471	A++
	20+20+20+26	20	20	20	26	1.91	1.91	1.91	2.48	8.21	2.54	3.23	8.21	6.10	471	A++
	20+20+20+35	20	20	20	35	1.73	1.73	1.73	3.02	8.21	2.54	3.23	8.21	6.10	471	A++
	20+20+20+53	20	20	20	53	1.45	1.45	1.45	3.85	8.21	2.53	3.25	8.21	6.10	471	A++
	20+20+26+26	20	20	26	26	1.78	1.78	2.32	2.32	8.21	2.54	3.23	8.21	6.10	471	A++
	20+20+26+35	20	20	26	35	1.63	1.63	2.11	2.85	8.21	2.54	3.23	8.21	6.10	471	A++
	20+20+35+35	20	20	35	35	1.49	1.49	2.61	2.61	8.21	2.53	3.24	8.21	6.10	471	A++
	20+26+26+26	20	26	26	26	1.68	2.18	2.18	2.18	8.21	2.54	3.23	8.21	6.10	471	A++
	20+26+26+35	20	26	26	35	1.53	1.99	1.99	2.69	8.21	2.53	3.24	8.21	6.10	471	A++
	20+26+35+35	20	26	35	35	1.42	1.84	2.48	2.48	8.21	2.53	3.25	8.21	6.10	471	A++
	26+26+26+26	**26**	**26**	**26**	**26**	**2.05**	**2.05**	**2.05**	**2.05**	**8.21**	**2.53**	**3.24**	**8.21**	**6.10**	**471**	**A++**
	26+26+26+35	26	26	26	35	1.89	1.89	1.89	2.54	8.21	2.53	3.25	8.21	6.10	471	A++

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EER = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

COMBINATIONS

HCKU 810 Z4 Heating

Combinations	Indoor units	Combination				Rated heating capacity (kW)				Total heating capacity (kW)	Power input (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				
1x2	20+35	20	35	—	—	2.18	3.82	—	—	6.00	1.57	3.81	4.62	3.40	1902	A
	20+53	20	53	—	—	2.14	5.66	—	—	7.80	2.03	3.85	6.01	3.40	2473	A
	26+26	26	26	—	—	3.00	3.00	—	—	6.00	1.57	3.81	4.62	3.40	1902	A
	26+35	26	35	—	—	2.98	4.02	—	—	7.00	1.84	3.81	5.39	3.40	2219	A
	26+53	26	53	—	—	2.60	5.30	—	—	7.90	2.05	3.85	6.08	3.40	2505	A
	35+35	35	35	—	—	3.75	3.75	—	—	7.50	1.97	3.81	5.78	3.40	2378	A
	35+53	35	53	—	—	3.18	4.82	—	—	8.00	2.08	3.85	6.08	3.40	2505	A
	53+53	53	53	—	—	4.00	4.00	—	—	8.00	2.08	3.85	6.08	3.40	2505	A
1x3	20+20+20	20	20	20	—	2.33	2.33	2.33	—	7.00	1.79	3.90	5.39	3.50	2156	A
	20+20+26	20	20	26	—	2.36	2.36	3.07	—	7.80	2.00	3.90	6.01	3.50	2402	A
	20+20+35	20	20	35	—	2.24	2.24	3.92	—	8.40	2.14	3.92	6.10	3.50	2440	A
	20+20+53	20	20	53	—	1.85	1.85	4.90	—	8.60	2.19	3.92	6.20	3.50	2480	A
	20+26+26	20	26	26	—	2.33	3.03	2.68	—	8.40	2.14	3.92	6.10	3.50	2440	A
	20+26+35	20	26	35	—	2.10	2.73	3.67	—	8.50	2.17	3.92	6.20	3.50	2480	A
	20+26+53	20	26	53	—	1.74	2.26	4.60	—	8.60	2.18	3.95	6.20	3.50	2480	A
	20+35+35	20	35	35	—	1.91	3.34	3.34	—	8.60	2.19	3.92	6.20	3.50	2480	A
	20+35+53	20	35	53	—	1.59	2.79	4.22	—	8.60	2.18	3.95	6.20	3.50	2480	A
	26+26+26	26	26	26	—	2.87	2.87	2.87	—	8.60	2.19	3.92	6.20	3.50	2480	A
	26+26+35	26	26	35	—	2.57	2.57	3.46	—	8.60	2.19	3.92	6.20	3.50	2480	A
	26+26+53	26	26	53	—	2.13	2.13	4.34	—	8.60	2.18	3.95	6.20	3.50	2480	A
	26+35+35	26	35	35	—	2.33	3.14	3.14	—	8.60	2.19	3.92	6.20	3.50	2480	A
	26+35+53	26	35	53	—	1.96	2.64	4.00	—	8.60	2.18	3.95	6.20	3.50	2480	A
	35+35+35	35	35	35	—	2.87	2.87	2.87	—	8.60	2.18	3.95	6.20	3.50	2480	A
1x4	20+20+20+20	20	20	20	20	2.20	2.20	2.20	2.20	8.80	2.20	4.00	6.50	3.80	2395	A
	20+20+20+26	20	20	20	26	2.07	2.07	2.07	2.69	8.90	2.22	4.01	6.50	3.80	2395	A
	20+20+20+35	20	20	20	35	1.89	1.89	1.89	3.32	9.00	2.24	4.01	6.50	3.80	2395	A
	20+20+20+53	20	20	20	53	1.61	1.61	1.61	4.27	9.10	2.27	4.01	6.50	3.80	2395	A
	20+20+26+26	20	20	26	26	1.93	1.93	2.52	2.52	8.90	2.22	4.01	6.50	3.80	2395	A
	20+20+26+35	20	20	26	35	1.78	1.78	2.32	3.12	9.00	2.24	4.01	6.50	3.80	2395	A
	20+20+35+35	20	20	35	35	1.65	1.65	2.90	2.90	9.10	2.27	4.01	6.50	3.80	2395	A
	20+26+26+26	20	26	26	26	1.82	2.36	2.36	2.36	8.90	2.23	4.00	6.50	3.80	2395	A
	20+26+26+35	20	26	26	35	1.68	2.19	2.19	2.94	9.00	2.24	4.01	6.50	3.80	2395	A
	20+26+35+35	20	26	35	35	1.57	2.04	2.75	2.75	9.10	2.27	4.01	6.50	3.80	2395	A
	26+26+26+26	**26**	**26**	**26**	**26**	**2.23**	**2.23**	**2.23**	**2.23**	**8.90**	**2.22**	**4.01**	**6.50**	**3.80**	**2395**	**A**
	26+26+26+35	26	26	26	35	2.09	2.09	2.09	2.82	9.10	2.27	4.01	6.50	3.80	2395	A

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SCOP = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
COP = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

COMBINATIONS

HCKU 1060 Z4 Cooling

Combinations	Indoor units	Combination				Rated cooling capacity (kW)				Total cooling capacity (kW)	Power input (kW)	EER[3] (W/W)	Pdesignc	SEER[2]	Annual consumption (kWh)	Energy class[1]
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	std	std	std				
1x2	20+35	20	35	—	—	2.00	3.50	—	—	5.50	1.68	3.28	5.50	5.10	377	A
	20+53	20	53	—	—	1.92	5.08	—	—	7.00	2.13	3.28	7.00	5.20	471	A
	26+26	26	26	—	—	2.65	2.65	—	—	5.30	1.62	3.28	5.30	5.20	357	A
	26+35	26	35	—	—	2.56	3.44	—	—	6.00	1.83	3.28	6.00	5.20	404	A
	26+53	26	53	—	—	2.47	5.03	—	—	7.50	2.29	3.28	7.50	5.20	505	A
	35+35	35	35	—	—	3.50	3.50	—	—	7.00	2.13	3.28	7.00	5.20	471	A
	35+53	35	53	—	—	3.38	5.12	—	—	8.50	2.59	3.28	8.50	5.20	572	A
	53+53	53	53	—	—	5.00	5.00	—	—	10.00	3.09	3.24	10.00	5.20	673	A
1x3	20+20+20	20	20	20	—	2.00	2.00	2.00	—	6.00	1.80	3.33	6.00	5.60	375	A+
	20+20+26	20	20	26	—	1.97	1.97	2.56	—	6.50	1.98	3.28	6.50	5.60	406	A+
	20+20+35	20	20	35	—	2.00	2.00	3.50	—	7.50	2.29	3.28	7.50	5.60	469	A+
	20+20+53	20	20	53	—	1.94	1.94	5.13	—	9.00	2.74	3.28	9.00	5.80	543	A+
	20+26+26	20	26	26	—	1.94	2.53	2.53	—	7.00	2.13	3.28	7.00	5.80	422	A+
	20+26+35	20	26	35	—	1.98	2.57	3.46	—	8.00	2.44	3.28	8.00	5.80	483	A+
	20+26+53	20	26	53	—	1.92	2.49	5.09	—	9.50	2.93	3.24	9.50	5.80	573	A+
	20+35+35	20	35	35	—	2.00	3.50	3.50	—	9.00	2.78	3.24	9.00	5.80	543	A+
	20+35+53	20	35	53	—	1.85	3.24	4.91	—	10.00	3.09	3.24	10.00	5.80	603	A+
	20+53+53	20	53	53	—	1.59	4.21	4.21	—	10.00	3.09	3.24	10.00	5.80	603	A+
	26+26+26	26	26	26	—	2.50	2.50	2.50	—	7.50	2.31	3.24	7.50	5.80	453	A+
	26+26+35	26	26	35	—	2.54	2.54	3.42	—	8.50	2.62	3.24	8.50	5.80	513	A+
	26+26+53	26	26	53	—	2.48	2.48	5.05	—	10.00	3.09	3.24	10.00	5.80	603	A+
	26+35+35	26	35	35	—	2.57	3.46	3.46	—	9.50	2.93	3.24	9.50	5.80	573	A+
	26+35+53	26	35	53	—	2.28	3.07	4.65	—	10.00	3.09	3.24	10.00	5.80	603	A+
	26+53+53	26	53	53	—	1.97	4.02	4.02	—	10.00	3.09	3.24	10.00	5.80	603	A+
	35+35+35	35	35	35	—	3.33	3.33	3.33	—	10.00	3.09	3.24	10.00	5.80	603	A+
	35+35+53	35	35	53	—	2.85	2.85	4.31	—	10.00	3.09	3.24	10.00	5.80	603	A+
	35+53+53	35	53	53	—	2.48	3.76	3.76	—	10.00	3.09	3.24	10.00	5.80	603	A+
1x4	20+20+20+20	20	20	20	20	2.05	2.05	2.05	2.05	8.20	2.29	3.58	8.20	6.10	470	A++
	20+20+20+26	20	20	20	26	1.98	1.98	1.98	2.57	8.50	2.47	3.44	8.50	6.10	488	A++
	20+20+20+35	20	20	20	35	2.00	2.00	2.00	3.50	9.50	2.86	3.32	9.50	6.10	545	A++
	20+20+20+53	20	20	20	53	1.84	1.84	1.84	4.88	10.40	3.22	3.23	10.40	6.20	587	A++
	20+20+26+26	20	20	26	26	1.96	1.96	2.54	2.54	9.00	2.71	3.32	9.00	6.20	508	A++
	20+20+26+35	20	20	26	35	1.98	1.98	2.57	3.47	10.00	3.09	3.24	10.00	6.20	565	A++
	20+20+26+53	20	20	26	53	1.78	1.78	2.32	4.72	10.60	3.28	3.23	10.60	6.20	598	A++
	20+20+35+35	20	20	35	35	1.93	1.93	3.37	3.37	10.60	3.28	3.23	10.60	6.20	598	A++
	20+20+35+53	20	20	35	53	1.66	1.66	2.90	4.39	10.60	3.28	3.23	10.60	6.20	598	A++
	20+20+53+53	20	20	53	53	1.45	1.45	3.85	3.85	10.60	3.28	3.23	10.60	6.20	598	A++
	20+26+26+26	20	26	26	26	1.94	2.52	2.52	2.52	9.50	2.92	3.25	9.50	6.20	536	A++
	20+26+26+35	20	26	26	35	1.98	2.58	2.58	3.47	10.60	3.28	3.23	10.50	6.20	593	A++
	20+26+26+53	20	26	26	53	1.70	2.20	2.20	4.49	10.60	3.28	3.23	10.50	6.20	593	A++
	20+26+35+35	20	26	35	35	1.83	2.38	3.20	3.20	10.60	3.28	3.23	10.50	6.20	593	A++
	20+26+35+53	20	26	35	53	1.58	2.06	2.77	4.19	10.60	3.28	3.23	10.50	6.20	593	A++
	20+26+53+53	20	26	53	53	1.39	1.81	3.70	3.70	10.60	3.28	3.23	10.50	6.20	593	A++
	20+35+35+35	20	35	35	35	1.70	2.97	2.97	2.97	10.60	3.28	3.23	10.50	6.20	593	A++
	20+35+35+53	20	35	35	53	1.48	2.59	2.59	3.93	10.60	3.28	3.23	10.50	6.20	593	A++
	26+26+26+26	**26**	**26**	**26**	**26**	**2.65**	**2.65**	**2.65**	**2.65**	**10.60**	**3.28**	**3.23**	**10.50**	**6.20**	**593**	**A++**
	26+26+26+35	26	26	26	35	2.44	2.44	2.44	3.28	10.60	3.28	3.23	10.50	6.20	593	A++
	26+26+26+53	26	26	26	53	2.10	2.10	2.10	4.29	10.60	3.28	3.23	10.50	6.20	593	A++
	26+26+35+35	26	26	35	35	2.26	2.26	3.04	3.04	10.60	3.28	3.23	10.50	6.20	593	A++
	26+26+35+53	26	26	35	53	1.97	1.97	2.65	4.01	10.60	3.28	3.23	10.50	6.20	593	A++
	26+35+35+35	26	35	35	35	2.10	2.83	2.83	2.83	10.60	3.28	3.23	10.50	6.20	593	A++
	26+35+35+53	26	35	35	53	1.85	2.49	2.49	3.77	10.60	3.28	3.23	10.50	6.20	593	A++
	35+35+35+35	35	35	35	35	2.65	2.65	2.65	2.65	10.60	3.28	3.23	10.60	6.20	598	A++

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SEER = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
EER = Value measured according to the harmonised standard EN14511.

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

COMBINATIONS

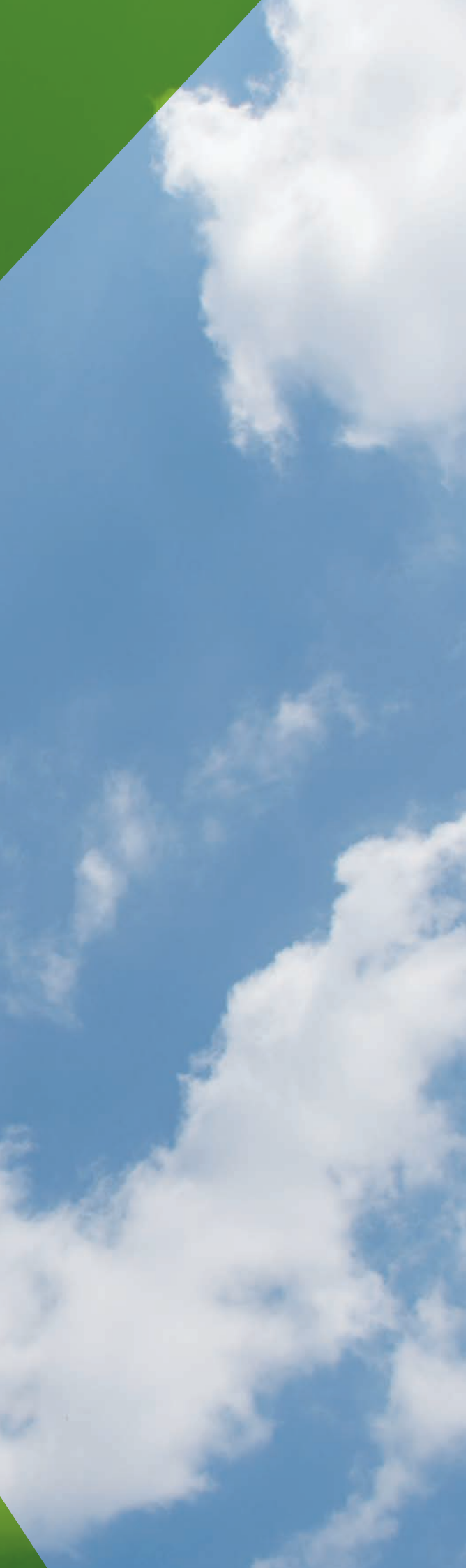
HCKU 1060 Z4 Heating

Combinations	Indoor units	Combination				Rated heating capacity (kW)				Total heating capacity (kW)	Power input (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				
1x2	20+35	20	35	—	—	2.18	3.82	—	—	6.00	1.59	3.78	4.34	3.40	1787	A
	20+53	20	53	—	—	2.19	5.81	—	—	8.00	2.12	3.78	4.65	3.40	1915	A
	26+26	26	26	—	—	3.00	3.00	—	—	6.00	1.59	3.78	6.20	3.40	2553	A
	26+35	26	35	—	—	2.98	4.02	—	—	7.00	1.85	3.78	4.65	3.40	1915	A
	26+53	26	53	—	—	2.90	5.90	—	—	8.80	2.33	3.78	5.43	3.40	2234	A
	35+35	35	35	—	—	3.75	3.75	—	—	7.50	1.98	3.78	6.82	3.40	2808	A
	35+53	35	53	—	—	3.74	5.66	—	—	9.40	2.49	3.78	5.81	3.40	2393	A
	53+53	53	53	—	—	5.05	5.05	—	—	10.10	2.66	3.80	7.29	3.50	2914	A
1x3	20+20+20	20	20	20	—	2.50	2.50	2.50	—	7.50	1.96	3.82	8.40	3.60	3267	A
	20+20+26	20	20	26	—	2.36	2.36	3.07	—	7.80	2.04	3.82	5.81	3.60	2260	A
	20+20+35	20	20	35	—	2.27	2.27	3.97	—	8.50	2.23	3.82	6.05	3.60	2351	A
	20+20+53	20	20	53	—	2.30	2.30	6.10	—	10.70	2.78	3.85	6.59	3.60	2562	A
	20+26+26	20	26	26	—	2.36	3.07	3.07	—	8.50	2.23	3.82	8.60	3.60	3344	A
	20+26+35	20	26	35	—	2.47	3.21	4.32	—	10.00	2.62	3.82	6.59	3.60	2562	A
	20+26+53	20	26	53	—	2.16	2.81	5.73	—	10.70	2.78	3.85	7.75	3.60	3014	A
	20+35+35	20	35	35	—	2.24	3.93	3.93	—	10.10	2.62	3.85	8.60	3.60	3344	A
	20+35+53	20	35	53	—	1.98	3.47	5.25	—	10.70	2.78	3.85	8.40	3.60	3267	A
	20+53+53	20	53	53	—	1.70	4.50	4.50	—	10.70	2.78	3.85	8.60	3.60	3344	A
	26+26+26	26	26	26	—	3.33	3.33	3.33	—	10.00	2.62	3.82	8.60	3.60	3344	A
	26+26+35	26	26	35	—	3.02	3.02	4.06	—	10.10	2.62	3.85	7.75	3.60	3014	A
	26+26+53	26	26	53	—	2.65	2.65	5.40	—	10.70	2.78	3.85	8.40	3.60	3267	A
	26+35+35	26	35	35	—	2.90	3.90	3.90	—	10.70	2.78	3.85	8.60	3.60	3344	A
	26+35+53	26	35	53	—	2.44	3.29	4.97	—	10.70	2.78	3.85	8.60	3.60	3344	A
	26+53+53	26	53	53	—	2.11	4.30	4.30	—	10.70	2.78	3.85	8.60	3.60	3344	A
	35+35+35	35	35	35	—	3.57	3.57	3.57	—	10.70	2.78	3.85	8.60	3.60	3344	A
	35+35+53	35	35	53	—	3.04	3.04	4.61	—	10.70	2.78	3.85	8.60	3.60	3344	A
	35+53+53	35	53	53	—	2.66	4.02	4.02	—	10.70	2.78	3.85	8.60	3.60	3344	A
1x4	20+20+20+20	20	20	20	20	2.50	2.50	2.50	2.50	10.00	2.56	3.90	8.60	3.80	3168	A
	20+20+20+26	20	20	20	26	2.35	2.35	2.35	3.05	10.10	2.59	3.90	7.75	3.80	2855	A
	20+20+20+35	20	20	20	35	2.29	2.29	2.29	4.02	10.90	2.79	3.90	8.50	3.80	3132	A
	20+20+20+53	20	20	20	53	1.96	1.96	1.96	5.21	11.10	2.84	3.91	9.00	3.80	3316	A
	20+20+26+26	20	20	26	26	2.37	2.37	3.08	3.08	10.90	2.79	3.90	9.00	3.80	3316	A
	20+20+26+35	20	20	26	35	2.20	2.20	2.86	3.85	11.10	2.85	3.90	9.00	3.80	3316	A
	20+20+26+53	20	20	26	53	1.87	1.87	2.43	4.94	11.10	2.84	3.91	9.00	3.80	3316	A
	20+20+35+35	20	20	35	35	2.02	2.02	3.53	3.53	11.10	2.84	3.91	9.00	3.80	3316	A
	20+20+35+53	20	20	35	53	1.73	1.73	3.04	4.60	11.10	2.84	3.91	9.00	3.80	3316	A
	20+20+53+53	20	20	53	53	1.52	1.52	4.03	4.03	11.10	2.84	3.91	9.00	3.80	3316	A
	20+26+26+26	20	26	26	26	2.27	2.94	2.94	2.94	11.10	2.85	3.90	9.00	3.80	3316	A
	20+26+26+35	20	26	26	35	2.07	2.70	2.70	3.63	11.10	2.82	3.93	9.00	3.80	3316	A
	20+26+26+53	20	26	26	53	1.78	2.31	2.31	4.71	11.10	2.82	3.93	9.00	3.80	3316	A
	20+26+35+35	20	26	35	35	1.91	2.49	3.35	3.35	11.10	2.82	3.93	9.00	3.80	3316	A
	20+26+35+53	20	26	35	53	1.66	2.15	2.90	4.39	11.10	2.82	3.93	9.00	3.80	3316	A
	20+26+53+53	20	26	53	53	1.46	1.90	3.87	3.87	11.10	2.82	3.93	9.00	3.80	3316	A
	20+35+35+35	20	35	35	35	1.78	3.11	3.11	3.11	11.10	2.82	3.93	9.00	3.80	3316	A
	20+35+35+53	20	35	35	53	1.55	2.72	2.72	4.11	11.10	2.82	3.93	9.00	3.80	3316	A
	26+26+26+26	**26**	**26**	**26**	**26**	**2.78**	**2.78**	**2.78**	**2.77**	**11.10**	**2.82**	**3.93**	**9.00**	**3.80**	**3316**	**A**
	26+26+26+35	26	26	26	35	2.55	2.55	2.55	3.44	11.10	2.82	3.93	9.00	3.80	3316	A
	26+26+26+53	26	26	26	53	2.20	2.20	2.20	4.49	11.10	2.82	3.93	9.00	3.80	3316	A
	26+26+35+35	26	26	35	35	2.37	2.37	3.18	3.18	11.10	2.82	3.93	9.00	3.80	3316	A
	26+26+35+53	26	26	35	53	2.06	2.06	2.78	4.20	11.10	2.82	3.93	9.00	3.80	3316	A
	26+35+35+35	26	35	35	35	2.20	2.97	2.97	2.97	11.10	2.82	3.93	9.00	3.80	3316	A
	26+35+35+53	26	35	35	53	1.94	2.61	2.61	3.95	11.10	2.82	3.93	9.00	3.80	3316	A
	35+35+35+35	35	35	35	35	2.78	2.78	2.78	2.77	11.10	2.82	3.93	9.00	3.80	3316	A

Energy Class = EU Delegated Regulation No. 626/2011 on the new labelling indicating the energy consumption of air conditioners.
SCOP = EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825.
COP = Value measured according to the harmonised standard EN14511

Connectable indoor units:
capacity 20 = HKEU 203 ZL; **capacity 26** = HKEU 263 ZAL, HKEMM 266 ZAL, HKEMM 262 ZAL
capacity 35 = HKEU 353 ZAL-1, HKEMM 356 ZAL, HKEMM 352 ZAL, HUCU 351 ZAL, HTFU 351 ZAL, HFIU 351 ZAL
capacity 53 = HKEU 533 ZAL, HUCU 531 ZAL, HTFU 531 ZAL, HSFU 531 ZAL, HFIU 501 ZAL

SELECTED LINE



PRECISE QUESTIONS, TIMELY ANSWERS

Attentive to customer **satisfaction** and suggestions, Hokkaido has identified specific needs to which it wanted to respond with a dedicated range.

The **SELECTED LINE** collects, in fact, all those products that satisfy a series of diversified needs, which are difficult to fill with the products of the other lines.

For those who want to air condition the rooms, but don't like outdoor units; for those who want to **dehumidify and cool** spaces preferring the portable model solution.

PORTABLE AIR CONDITIONER
HMCM 90 P

THE PORTABLE MONOBLOC

The Hokkaido monobloc portable air conditioner immediately brings wellbeing to your home thanks to the best quality of the dehumidified and filtered air.

The portable air conditioner stands out for its practicality: it works with a simple electrical connection; furthermore, the compact design makes it ideal even for small spaces. It is easy to move in any environment, thanks to the multi-directional wheels and practical side handles.

CONDENSATE MANAGEMENT SYSTEM

- In cooling mode, with automatic vaporization the condensation evaporates towards the outside.
- In dry mode, with continuous drainage, connect the appropriate drain hose to one of the two outlets on the back.

PORTABLE AIR CONDITIONER

FOR COOLING, DEHUMIDIFYING, VENTILATION

FEATURES

- Compact
- Easier filter cleaning
- Integrated room temperature sensor
- Multi-directional wheels
- On/Off timer to set switching off and on at the desired time
- Sleep function
- Auto-swing function
- Float included

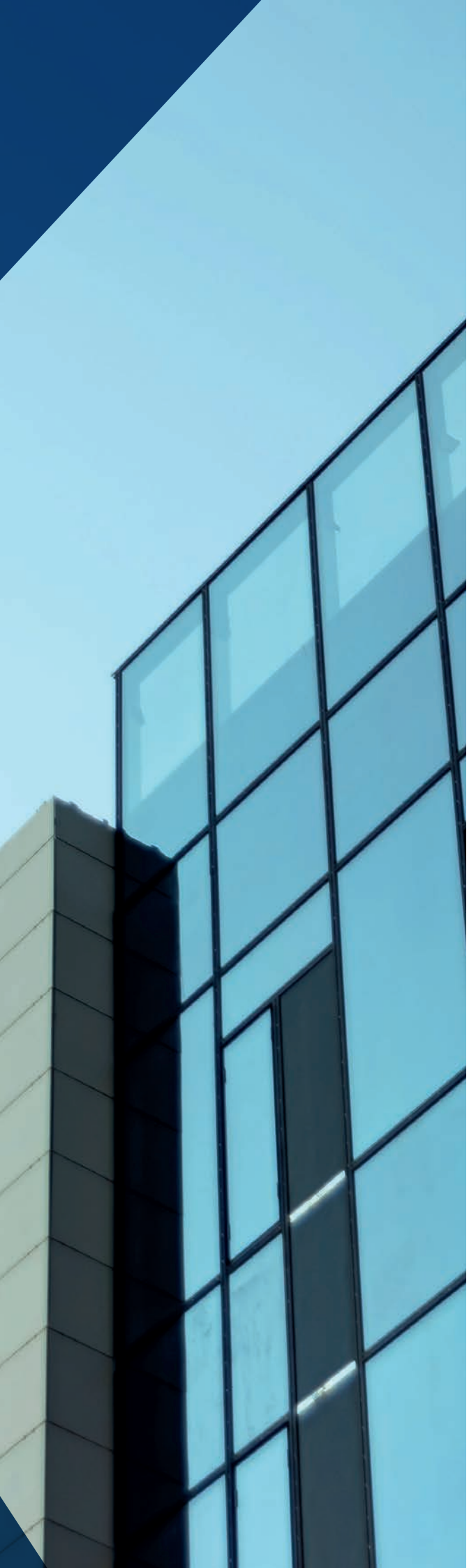
AVAILABLE FUNCTIONS

- Sleep: gradually increases the set temperature and guarantees reduced noise for greater comfort at night.
- Eco-design: during the standby phase, the machine automatically enters energy saving mode, consuming only 0.5 W.
- Auto-restart: in case of power failure, when power is restored, the previously set functions are restored as well.

Model		HMCM 90 P
Type		Portable air conditioner
Control (included)		Remote control
Nominal data		
Rated cooling capacity	kW	2.60
Rated absorbed power	kW	1.00
Rated energy efficient coefficient	EER[1]	2.60
Dehumidification capacity	L/h	2.12
Energy data		
Theoretical load (Pdesignc)	kW	2.60
Energy efficiency class	626/2011[2]	A
Electrical data		
Power supply	Ph-V-Hz	1Ph - 220/240V - 50Hz
Rated absorbed power	A	4.35
Maximum current	A	6.20
Maximum absorbed power	kW	1.28
Refrigerant circuit		
Refrigerant[3]	type (GWP)	R290[3]
Quantity refrigerant pre-load	Kg	0.17
Tons of CO2 equivalent	t	0.001
Product specifications		
Dimensions (LxDxH)	mm	355x345x703
Net weight	Kg	25.3
Sound power level (Hi)	dB(A)	63
Sound pressure level (Hi/Lo)	dB(A)	51.9/46.9
Treated air volume (Hi/Lo)	m3/h	295/195
Application range (indoor)	°C	17~35

1. Value measured according to the harmonized standard EN14511 2. EU Delegated Regulation N.626/2011 relating to the new labeling indicating the energy consumption of air conditioners. 3. Refrigerant loss 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 fluid with a GWP of 3. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 3 times higher than 1 kg of CO 2 , over a period of 100 years. Under no circumstances should the user attempt to intervene on the refrigerant circuit or disassemble the product. If necessary, always contact qualified personnel.

PROJECT VRF R410A FULL DC INVERTER



PROJECT VRF R410A FULL DC INVERTER, EFFICIENCY & EASY INSTALLATION

Strengthened by its constant commitment to technological research and its long experience in the air conditioning market in Italy and Europe, Hokkaido presents the **PROJECT VRF R410A**.

Efficiency, reliability and **application flexibility** are the quality answers that the XRV Systems offer for the different application needs of installers, designers and end customers.

XRV MULTI SYSTEM **DESIGN & SAVINGS**

THE ADVANTAGES OF A HOKKAIDO SYSTEM

Hokkaido VRFs offer energy efficiency, their installation guarantees a rapid economic return on investment.

The high efficiency of Hokkaido VRF systems is achieved through the use of Inverter compressors. The systems are customizable to meet the specifications of any project, making them particularly attractive for large areas, commercial and industrial activities.

FULL DC INVERTER TECHNOLOGY FOR OUTDOOR UNITS

Full DC Inverter technology has always characterized the Hokkaido proposal in the VRF heat pump system market. The outdoor units are all equipped with a DC Inverter compressor and a fan with a DC Inverter motor: high results in terms of energy efficiency, reduction of operating costs and reduction of CO2 emissions.

THIS IS WHAT MAKES HOKKAIDO'S PROPOSAL "FULL".

Energy saving & comfort

The Full DC Inverter technology (DC Inverter compressor and DC Inverter motor for the fan/s) applied to the external units of the highlighted XRV systems, ensures high EER and COP values not only at full load, but above all at partial loads, guaranteeing energy savings and high comfort within a wide external temperature range.

HIGH-EFFICIENCY DC INVERTER COMPRESSOR

Thanks to the use of the DC Inverter compressor, which allows the quantity of compressed refrigerant to be varied quickly and continuously, the outdoor units of the XRV systems are characterized by:

- rapid commissioning of the system;
- fast response to changes in the user's cooling or heating demand;
- reduction of on/off cycles.

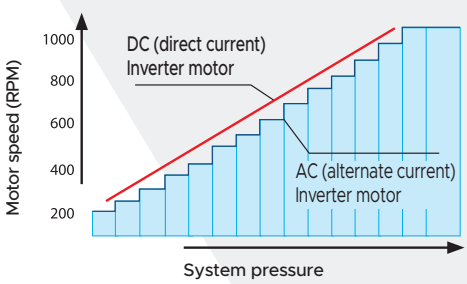
The result is an efficient system, with high reliability and durability over time.

DC FAN MOTOR

The use of the DC Inverter motor for the fan ensures energy savings during partial loads, as it regulates the fan speed, and contributes to making the unit quieter. The design of the fan and exhaust grille guarantees an increase in air flow resulting in a low noise level.

DC Inverter compressor

DC Inverter fan motor



XRV MULTI SYSTEM
Heat pump outdoor units

1-PHASE XRV PLUS MINI

3.2HP
HCNU 1056 XRV

5HP
HCNU 1406 XRV

4.5HP
HCNU 1206 XRV

6HP
HCNU 1606 XRV

3-PHASE XRV PLUS MINI

7HP
HCYU 2006 XRV

8HP
HCYU 2246 XRV

9HP
HCYU 2606 XRV

10HP
HCYU 2806 XRV

12HP
HCYU 3356 XRV

Performance and consumption are based on the following test conditions:
cooling: O.T. 35° C DB, 24° C WB - I.T. 27° C DB, 19° C WB (ISO 5151 Standard);
heating: O.T. 7° C DB, 6° C WB - I.T. 20° C DB, 15° C WB (ISO 5151 Standard).

XRV PLUS MINI
Heat pump

HCNU 1056 XRV
HCNU 1206 XRV

HCNU 1406 XRV
HCNU 1606 XRV

Splitting and height difference lengths

Model	HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Max. distance between O.U. and the farthest I.U.	50 m	50 m	70 m	70 m
Max. distance from the first branch pipe to the farthest I.U.	20 m	20 m	20 m	20 m
Max. height difference between upper O.U. and I.U.	20 m	20 m	30 m	30 m
Max. height difference between lower O.U.and I.U.	20 m	20 m	20 m	20 m
Max. height difference between I.U.	8 m	8 m	8 m	8 m
Max. distance between I.U. and branch pipe	15 m	15 m	15 m	15 m
Maximum length of the pipes	**65 m**	**65 m**	**100 m**	**100 m**

All units are equipped with high efficiency Full DC Inverter compressors.

Design sottile e flessibile.

Fan with DC Inverter motor:

- wider fan speed adjustment;
- noise reduction.

Optimal fan design and fan-shaped deflector ensure low noise at high airflow rates.

Wide operating range:

- cooling -5° C ~ +55° C;
- heating -15° C ~ +27° C.

Auto-addressing of indoor units.

Model			HCNU 1056 XRV	HCNU 1206 XRV	HCNU 1406 XRV	HCNU 1606 XRV
Power		**HP**	**3.2**	**4.5**	**5**	**6**
Rated capacity[1]	Cooling	kW	9.00	12.20	14.00	15.50
Rated absorbed power		kW	2.64	4.32	4.56	5.35
Rated energy efficiency coefficient		EER	3.41	2.83	3.07	2.90
Rated capacity[2]	Heating	kW	9.00	14.00	16.00	18.00
Rated absorbed power		kW	2.12	3.17	4.08	5.71
Rated energy performance coefficient		COP	4.29	4.40	3.92	3.20
Electrical data						
Power supply		Ph-V-Hz	1-220~240V-50Hz			
Maximum current		A	28.80	35.00	40.00	40.00
Refrigerant circuit						
Refrigerant[3]		Tipo (GWP)	R410A (2088)			
Quantity refrigerant pre-load[4] (tons of CO2 equivalent)		Kg (t)	2.5 (5.220)	3 (6.264)	3.4 (7.099)	3.8 (7.934)
Compressor		no. / type	1 / Rotary DC Inverter			
Diameter of refrigerant pipings	Liquid	mm (inch)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")
	Gas	mm (inch)	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	19.1 (3/4")
Product specifications						
Dimensions	LxHxD	mm	950x840x426		1040x865x523	
Net weight		Kg	72.5	84	91.4	95.4
Sound power level	max	dB(A)	68	70	71	71
Sound pressure level at 1 m	max	dB(A)	54	56	56	56
Treated air volume	max	m3/h	5200	5000	5400	5200
Operating range (outdoor temperature)	Cooling	°C	-5~55			
	Heating	°C	-15~27			
Connectable indoor units (min - max)		**no.**	**1 - 6**	**1 - 7**	**1 - 8**	**1 - 9**
Capacity of connectable indoor units		%	50 - 130			

1. Cooling capacity tested in accordance with ISO 5151 Standard. Outdoor temperature 35°C DB, 24°C WB and indoor temperature 27°C DB, 19° WB.
2. Heating capacity tested in accordance with ISO 5151 Standard. Outdoor temperature 7°C DB, 6°C WB and indoor temperature 20°C DB, 15°C WB.
3. 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 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 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.
4. For the calculation of the additional refrigerant charge, refer to the labels placed inside and outside the unit.

XRV PLUS MINI
Heat pump

HCYU 2006 XRV
HCYU 2246 XRV
HCYU 2606 XRV
HCYU 2806 XRV
HCYU 3356 XRV

Splitting and height difference lengths

Model	HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Max. distance between O.U. and the farthest I.U.	110 m	110 m	110 m	110 m	110 m
Max. distance from the first branch pipe to the farthest I.U.	40 m	40 m	40 m	40 m	40 m
Max. height difference between upper O.U. and I.U.	50 m	50 m	50 m	50 m	50 m
Max. height difference between lower O.U.and I.U	40 m	40 m	40 m	40 m	40 m
Max. height difference between I.U.	15 m	15 m	15 m	15 m	15 m
Maximum length of the pipes	**150 m**	**150 m**	**150 m**	**150 m**	**150 m**

All units are equipped with high efficiency Full DC Inverter compressors.
Fan with DC Inverter motor:
- wider fan speed adjustment;
- noise reduction.

Up to 20 indoor units connected to one compact outdoor unit.
Self-diagnosis function for main system problems.

Wide operating range:
- cooling -5° C ~ +48° C;
- heating -20° C ~ +24° C.

Auto-addressing of indoor units.

Model			HCYU 2006 XRV	HCYU 2246 XRV	HCYU 2606 XRV	HCYU 2806 XRV	HCYU 3356 XRV
Power		HP	7	8	9	10	12
Rated capacity[1]	Cooling	kW	20.00	22.40	26.00	28.00	33.50
Rated absorbed power		kW	5.28	6.77	10.04	12.02	15.30
Rated energy efficient		EER	3.79	3.31	2.59	2.33	2.19
Rated capacity[2]	Heating	kW	20.00	22.40	26.00	28.00	33.50
Rated absorbed power		kW	4.43	5.42	6.86	7.55	10.15
Rated energy performance coefficient		COP	4.51	4.13	3.79	3.71	3.30
Electrical data							
Power supply		Ph-V-Hz	3-380~415V50Hz				
Maximum current		A	19.00	19.00	20.50	21.00	26.40
Refrigerant circuit							
Refrigerant[3]		Tipo (GWP)	R410A (2088)				
Quantity refrigerant pre-load[4] (tons of CO2 equivalent)		Kg (t)	6.5 (13.572)	6.5 (13.572)	6.5 (13.572)	6.5 (13.572)	8 (16.704)
Compressor		no. / type	1 / Rotary DC Inverter			1 / Rotary DC Inverter	
Diameter of refrigerant pipings	Liquid	mm (inch)	9.53 (3/8")		9.53 (3/8")		12.7 (1/2")
	Gas	mm (inch)	19.1 (3/4")		22.2 (7/8")		25.4 (1")
Product specifications							
Dimensions	LxHxD	mm	1120x1558x528				
Net weight		Kg	143		144		157
Sound power level	max	dB(A)	78		78		81
Sound pressure level at 1 m	max	dB(A)	58		59	60	61
Treated air volume	max	m3/h	9000		10000	11000	11300
Operating range (outdoor temperature)	Cooling	°C	-5~48				
	Heating	°C	-20~24				
Connectable indoor units (min - max)		**no.**	**1 - 11**	**1 - 13**	**1 - 15**	**1 - 16**	**1 - 20**
Capacity of connectable indoor units		**%**	**50 - 130**				

1. Cooling capacity tested in accordance with ISO 5151 Standard. Outdoor temperature 35°C DB, 24°C WB and indoor temperature 27°C DB, 19° WB.
2. Heating capacity tested in accordance with ISO 5151 Standard. Outdoor temperature 7°C DB, 6°C WB and indoor temperature 20°C DB, 15°C WB.
3. 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 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 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.
4. For the calculation of the additional refrigerant charge, refer to the labels placed inside and outside the unit.

SERIES P INDOOR UNITS

			kW 2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	12.50	14.00
Cassette	8-way compact 60x60	 HTFU XRV-P	•	•	•	•						
	8-way 84x84	 HTBU XRV-P					•	•	•	•		•
Ducted	medium static pressure	 HUCU XRV-P	•	•	•	•	•	•	•	•		
Wall		HKEU XRV-P	•	•	•	•	•	•	•			
Floor	floor/ ceiling	 HSFU XRV-P			•	•	•	•	•	•		•

HTFU XRV-P
8-way compact cassette 60x60

Ultra-compact design
22 dB(A) (2.20~2.80 kW) high silence

Condensate drainage pump with the possibility of raising the drain up to 500 mm from the lower level

360° air diffusion
The controller must be purchased as an accessory

Model			HTFU 225 XRV-P	HTFU 285 XRV-P	HTFU 365 XRV-P	HTFU 455 XRV-P
Rated capacity	Cooling	kW	2.20	2.80	3.60	4.50
	Heating	kW	2.40	3.20	4.00	5.00
Electrical data						
Power supply		Ph-V-Hz	1-220~240V-50Hz			
Absorbed power		W	35	35	40	50
Product specifications						
Dimensions	LxHxD	mm	630x260x570			
Net weight		Kg	18		19.2	
Sound power level[1]	Max~Min	dB(A)	51~38		56~43	
Sound pressure level at 1.4 m[1]	Max~Min	dB(A)	35~22		41~28	
Treated air volume[1]	Max~Min	m³/h	576~405		604~400	
Diameter of the connections	Liquid/Gas	mm (inch)	6.35 (1/4") / 12.7 (1/2")			
	Condensate	mm	32			
Accessories						
Decorative panel			TFP 155 XRV-P			
Panel dimensions	LxHxD	mm	647x50x647			
Net weight		Kg	2.5			
Remote control			DHIR-5-6-XRV-K-P			
Wired control			DHW-5-6-XRV-P			
Optional parts						
Centralized control			DHC-8-64-XRV-P			

1. Values relating to the Max and Min speeds of 7 levels that can be set by remote control.

HTBU XRV-P
8-way cassette 84x84

Optimized fan design to attenuate air resistance and reduce sound level

Predisposition for the connection of a duct for the introduction of external air

Condensate drainage pump with the possibility of raising the drain up to 750 mm from the lower level

The controller must be purchased as an accessory

Model			HTBU 565 XRV-P	HTBU 715 XRV-P	HTBU 905 XRV-P	HTBU 1125 XRV-P	HTBU 1405 XRV-P
Rated capacity	Cooling	kW	5.60	7.10	9.00	11.20	14.00
	Heating	kW	6.30	8.00	10.00	12.50	16.00
Electrical data							
Power supply		Ph-V-Hz	1-220~240V-50Hz				
Absorbed power		W	31	46	75		94
Product specifications							
Dimensions	LxHxD	mm	840x230x840		840x300x840		
Net weight		Kg	23.2		28.4		30.7
Sound power level[1]	Max~Min	dB(A)	56~47	58~47	61~50		64~52
Sound pressure level at 1.4 m[1]	Max~Min	dB(A)	43~34	45~34	47~36		50~38
Treated air volume[1]	Max~Min	m³/h	1029~704	1200~748	1596~1034		1727~1224
Diameter of connections	Liquid/Gas	mm (inch)	9.52 (3/8") / 15.9 (5/8")				
	Condensate	mm	32				
Accessories							
Decorative panel			TBP 712 IHXR				
Panel dimensions	LxHxD	mm	950x70x950				
Net weight		Kg	5.8				
Remote control			DHIR-5-6-XRV-K-P				
Wired control			DHW-5-6-XRV-P				
Optional parts							
Centralized control			DHC-8-64-XRV-P				

1. Values relating to the Max and Min speeds of 7 levels that can be set by remote control.

HUCU XRV-P
Ducted medium static pressure

Only 210 mm high
(2.20~7.10 kW) compact design perfect for use in hotels

Available static pressure:
50 Pa (2.20~7.10 kW);
100 Pa (9.00~11.20 kW)

Air intake from bottom or rear
Condensate drain pump included with possibility of raising the discharge up 750 mm from the lower hieght

Compatible with systems AIRZONE
The control must be purchased as an accessory

Model			HUCU 225 XRV-P	HUCU 285 XRV-P	HUCU 365 XRV-P	HUCU 455 XRV-P
Rated capacity	Cooling	kW	2.20	2.80	3.60	4.50
	Heating	kW	2.60	3.20	4.00	5.00
Electrical data						
Power supply		Ph-V-Hz	1-220~240V-50Hz			
Absorbed power		W	40	40	45	92
Product specifications						
Dimensions	LxHxD	mm	780x210x500			1000x210x500
Net weight		Kg	18			21.5
Sound power level[1]	Max~Min	dB(A)	50~41		51~43	54~43
Sound pressure level at 1.4 m[1]	Max~Min	dB(A)	32~23		33~25	36~25
Traited air volume[1]	Max~Min	m³/h	520~300		580~370	800~400
Fan static pressure	Std/Max	Pa	10/50			
Diameter of connections	Liquid/Gas	mm (inch)	6.35 (1/4") / 12.7 (1/2")			
	Condensate	mm	25			
Accessories						
Remote control			DHIR-5-6-XRV-K-P			
Wired control			DHW-5-6-XRV-P			
Optional parts						
Centralized control			DHC-8-64-XRV-P			

1. Values relating to the Max and Min speeds of 7 levels that can be set by remote control.

Model			HUCU 565 XRV-P	HUCU 715 XRV-P	HUCU 905 XRV-P	HUCU 1125 XRV-P
Rated capacity	Cooling	kW	5.60	7.10	9.00	11.20
	Heating	kW	6.30	8.00	10.00	12.50
Electrical data						
Power supply		Ph-V-Hz	1-220~240V-50Hz			
Absorbed power		W	92	98	120	200
Product specifications						
Dimensions	LxHxD	mm	1000x210x500	1220x210x500	1230x270x775	
Net weight		Kg	21.5	27.5	37	
Sound power level[1]	Max~Min	dB(A)	54~46	55~46	55~46	57~51
Sound pressure level at 1.4 m[1]	Max~Min	dB(A)	36~28	37~28	37~28	39~33
Treated air volume[1]	Max~Min	m³/h	830~560	1000~680	1260~780	1500~1080
Fan static pressure	Std/Max	Pa	10/50		20/100	
Diameter of connections	Liquid/Gas	mm (inch)	9.52 (3/8") / 15.9 (5/8")			
	Condensate	mm	25			
Accessories						
Remote control			DHIR-5-6-XRV-K-P			
Wired control			DHW-5-6-XRV-P			
Optional parts						
Centralized control			DHC-8-64-XRV-P			

1. Values relating to the Max and Min speeds of 7 levels that can be set by remote control.

HKEU XRV-P
Wall

Compact design
Washable standard filter

203 mm deep (2.20~2.80 kW)
extremely compact

29 dB(A) (2,20~2,80 kW)
extremely silent

The control must be purchased as an accessory

Model			HKEU 225 XRV-P	HKEU 285 XRV-P	HKEU 365 XRV-P	HKEU 455 XRV-P	HKEU 565 XRV-P	HKEU 715 XRV-P	HKEU 905 XRV-P
Rated capacity	Cooling	kW	2.20	2.80	3.60	4.50	5.60	7.10	9.00
	Heating	kW	2.40	3.20	4.00	5.00	6.30	8.00	10.00
Electrical data									
Power supply		Ph-V-Hz	1-220~240V-50Hz						
Absorbed power		W	28		30	40	45	55	82
Product specifications									
Dimensions	LxHxD	mm	835x280x203		990x315x223			1194x343x262	
Net weight		Kg	8.4	9.5	11.4	12.8		17	
Sound power level[1]	Max~Min	dB(A)	46~44	46~44	48~45	50~46	53~49	59~51	63~53
Sound pressure level at 1.4 m[1]	Max~Min	dB(A)	31~29	31~29	33~30	35~31	38~34	44~36	48~38
Treated air volume[1]	Max~Min	m³/h	422~356	417~316	656~488	594~424	747~547	1195~809	1421~867
Diameter of connections	Liquid/Gas	mm (inch)	6.35 (1/4") / 12.7 (1/2")				9.52 (3/8") / 15.9 (5/8")		
	Condensate	mm	16						
Accessories									
Remote control			DHIR-5-6-XRV-K-P						
Wired control			DHW-5-6-XRV-P						
Optional parts									
Centralized control			DHC-8-64-XRV-P						

1. Values relating to the Max and Min speeds of 7 levels that can be set by remote control.

HSFU XRV-P
Floor/ceiling

Auto Swing function | Optimises the distribution of air flow in the room
Built-in electronic expansion valve

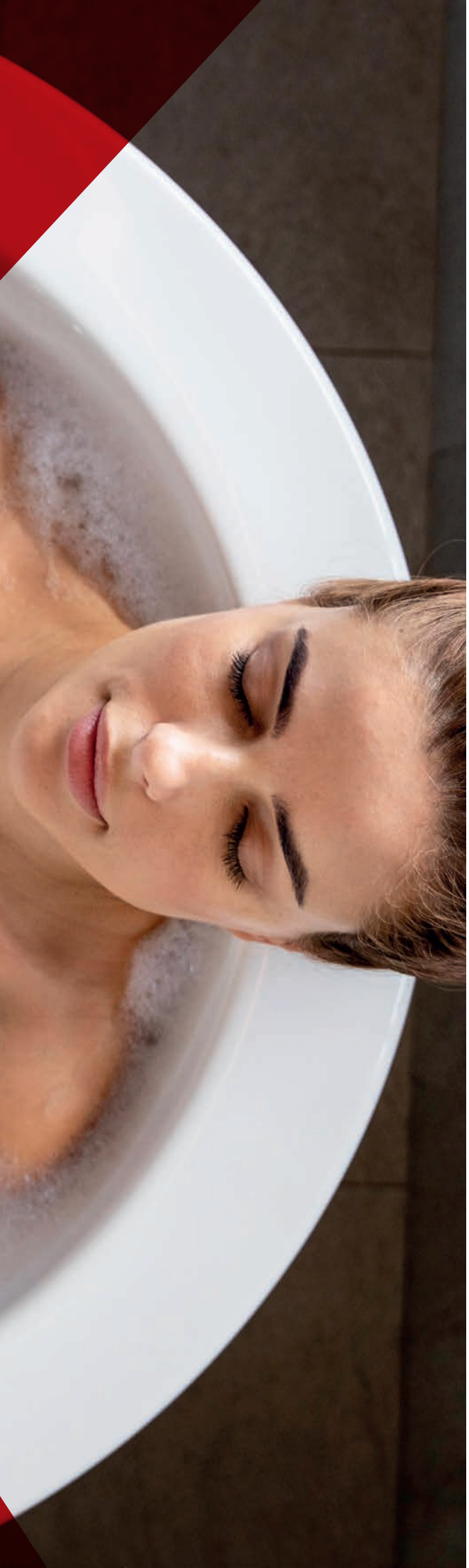
Easy installation wth unit mounted to the floor or to the ceiling

The control must be purchased as an accessory

Model			HSFU 365 XRV-P	HSFU 455 XRV-P	HSFU 565 XRV-P	HSFU 715 XRV-P	HSFU 905 XRV-P	HSFU 1125 XRV-P	HSFU 1405 XRV-P
Rated capacity	Cooling	kW	3.60	4.50	5.60	7.10	9.00	11.20	14.00
	Heating	kW	4.00	5.00	6.30	8.00	10.00	12.50	15.00
Electrical data									
Power supply		Ph-V-Hz	1-220~240V-50Hz						
Absorbed power		W	49	115			130	180	180
Product specifications									
Dimensions	LxHxD	mm	990x660x203				1280x660x203	1670x680x244	
Net weight		Kg	27	28			35	48	
Sound power level[1]	Max~Min	dB(A)	53~49	56~51			58~53	60~55	
Sound pressure level at 1.4 m[1]	Max~Min	dB(A)	40~36	43~38			45~40	47~42	
Treated air volume[1]	Max~Min	m³/h	550~420	930~720			1280~1050	1890~1580	
Diameter of connections	Liquid/Gas	mm (inch)	6.35 (1/4") / 12.7 (1/2")		9.52 (3/8") / 15.9 (5/8")		9.52 (3/8") / 15.9 (5/8")		
	Condensate	mm	16						
Accessories									
Remote control			DHIR-5-6-XRV-K-P						
Wired control			DHW-5-6-XRV-P						
Optional parts									
Centralized control			DHC-8-64-XRV-P						

1. Values relating to the Max and Min speeds of 7 levels that can be set by remote control.

HEATING



HEATING. THE RANGE THAT SATISFIES EVERY NEED

The careful process of product selection and system design is developed in Italy and then found realization, thanks to continuous technological research, in an exclusive range. a point of reference on the hydronic pump market.

HEATING selects and collects excellent products for heating, air conditioning and DHW production in the residential and commercial sectors.

HONDO

AIR-TO-WATER HEAT PUMP MONOBLOC R32

Hondo is Hokkaido's new high-tech monobloc air/water heat pump Full DC Inverter with integrated hydronic module.

The Hondo monobloc heat pump was designed for residential and commercial applications and is designed for winter heating, summer cooling and domestic hot water production.

HOT WATER UP TO 65°C WITHOUT SUPPLEMENTS

Hondo can also be used for the production of domestic hot water. The maximum temperature the fluid can reach is 65°C, one of the highest values in the category.

FOR RENOVATIONS AND NEW BUILDINGS

Hondo is the reliable and advantageous solution for heating, cooling and producing DHW in micro-condominiums, single homes and apartments.

EFFICIENT AND QUIET

The latest generation Full DC Inverter technology guarantees first-class performance and energy savings.
Equipped with intelligent management capable of always allowing comfortable and healthy conditions for users in the environment.

CLIMATE CURVE

Automatically adjusts the water delivery temperature and the room temperature based on the outdoor temperature.

Project climate bands for heating

Outdoor temp. of project	Max delivery temp.	Climatic bands
+10°C	65°C	
+5°C	62°C	WARMER
+2°C	60°C	
0°	59°C	
-5°C	56°C	AVERAGE
-10°C	53°C	
-15°C	50°C	
-20°C	47°C	COLDER
-25°C	44°C	

HONDO MONOBLOC R32

OUTDOOR UNITS

1-Phase 5.00~6.00 kW
HCWNGS 401 - 601 Z

1-Phase 8.20~15.70 kW
HCWNGS 801 - 1001 - 1201 - 1401 - 1601 Z
3-Phase 10.20~15.70 kW
HCWSGS 1001 - 1201 - 1401 - 1601 Z

Built-in WIFI

Management via EWPE Smart app

DMC-HP-Z CONTROL
Group control, connect up to four Hondo units

TOP PERFORMANCE IN ALL SEASONS

Heating performance guaranteed up to -25°C outdoor temperature. The Hondo heat pump can be installed in any climate zone, even in those with the most severe conditions. In summer, cooling provided up to 48°C outdoor temperature.

-15°/+48°C
Outdoor temperature in cooling

-25°/+35°C
Outdoor temperature in heating

-25°/+45°C
Outdoor temperature in DHW production

PRODUCT PLUS

Gold Fin

Aluminum fins with anti-corrosion coating
It guarantees greater resistance to salt corrosion.

Emergency mode
In the event of a malfunction of the heat pump, the auxiliary electric heaters are activated.

Connection with other heat sources
If the outdoor temperature is lower than the set-point, the external heat source will come into operation.

Timer
Weekly Timer up to 3 programs.

Silent mode
Operation in *Silent* mode.

Anti-legionella cycles
Activation of the anti-legionella function.

HONDO MONOBLOC R32

PERFORMANCE

	MODEL	COP	EER
1-Phase	HCWNGS 401 Z	5.40	5.20
	HCWNGS 601 Z	5.40	5.10
	HCWNGS 801 Z	5.32	5.32
	HCWNGS 1001 Z	5.05	5.10
	HCWNGS 1201 Z	4.94	4.90
	HCWNGS 1401 Z	4.75	4.57
	HCWNGS 1601 Z	4.55	4.31
3-Phase	HCWSGS 1001 Z	4.95	4.79
	HCWSGS 1201 Z	4.82	4.60
	HCWSGS 1401 Z	4.60	4.19
	HCWSGS 1601 Z	4.40	3.80

HONDO MONOBLOC R32

1-Phase 5.00~6.00 kW
HCWNGS 401 - 601 Z

1-Phase 8.20 kW
HCWNGS 801 Z

ENERGY CLASS

A+++

In heating mode with **35° C** delivery water temperature.

ENERGY CLASS

A++

In heating mode with **55° C** delivery water temperature.

Model					HCWNGS 401 Z	HCWNGS 601 Z	HCWNGS 801 Z
Heating	Rated capacity	A7//W35	kW		5.00	6.00	8.20
	Electrical absorption				0.93	1.11	1.54
	Perfomance coefficient		COP		5.40	5.40	5.32
	Rated capacity	A7/W45	kW		4.90	6.80	8.30
	Electrical absorption				1.17	1.66	1.90
	Perfomance coefficient		COP		4.20	4.10	4.36
Cooling	Rated capacity	A35//W18	kW		5.00	6.50	8.30
	Electrical absorption				0.96	1.27	1.56
	Energy efficiency		EER		5.20	5.10	5.32
	Rated capacity	A35//W5	kW		4.90	5.70	7.40
	Electrical absorption				1.40	1.75	2.00
	Energy efficiency		EER		3.50	3.25	3.70
Seasonal heating data	Theoretical load (Pdesignh) @ -10°C	35/55	kW		5/5	6/5	8/9
	Seasonal energy efficiency(ηs)		%		192/137	199/137	177/145
	Energy efficiency class		-		A+++/A++		
	Annual energy consumption		kWh/y		2306/2882	2386/2882	3827/5206
Operation range	Outdoor temperature	Heating	℃		-25~35		
		Cooling			-15~48		
		DHW			-25~45		
	Delivery water temperature	Heating	℃		20~65		
		Cooling	℃		5~25		
Refrigerant circuit data	Refrigerant[1]		Type (GWP)		R32 (675)		
	Quantity (tons CO2)		kg (t)		0.95 (0.641)		1.6 (1.080)
	Control system				Electronic expansion valve		
	Compressor		type		Rotary - DC Inverter		
Hydraulic data	Heat exchanger	Type			Brazed stainless steel plates		
		Air flow	m³/h		0.9	1.0	1.4
	Circulation pump	Brand			Shinhoo		
		Static pressure[2]	kPa		79	78	63
	Water connections	Type			Threaded		
		Dimension	Inches		1"F BSP		
	Min/Max operating pressure		bar		0.5/2.5		
	Expansion vessel	Volume	L		2		
		Pre-load	bar		1		
Electrical data	Power supply		Ph/V/Hz		1ph-230V-50Hz		
	Maximum current	Heating	A		11	11	23
		Cooling			8	8	12
	Power cable (recommended)		type		3x2.5 mm²		3x6 mm²
Product specifications	Fan	Type	qty		DC Inverter		
		Air flow aria	m³/h		3200		5800
	Sound power level		dB(A)		58		68
	Sound pressure level	Heating	dB(A)		58		62
		Cooling			56		60
	Dimensions	LxDxH	mm		1150x372x733		1206x445x878
	Weight	Net	kg		90		120
	Control (included)				Wired remote control		

The above data refer to the following standards: EN 14511:2018; EN 14825:2019; EN50564:2011; EN12102-1:2018; EN12102-2:2019; (EU)No:811:2013; (EU)No:813:2013; OJ 2014/C 207/02:2014.

1. 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 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 qulified personnel if necessary.
2. Values net of pressure losses of the exchanger.

HONDO MONOBLOC R32

1-Phase 10.20~15.70 kW
HCWNGS 1001 - 1201 - 1401 - 1601 Z

3-Phase 10.20~15.70 kW
HCWSGS 1001 - 1201 - 1401 - 1601 Z

ENERGY CLASS

A+++

In heating mode with **35° C** delivery water temperature.

ENERGY CLASS

A++

In heating mode with **55° C** delivery water temperature.

Model				HCWNGS 1001 Z	HCWNGS 1201 Z	HCWNGS 1401 Z	HCWNGS 1601 Z	HCWSGS 1001 Z	HCWSGS 1201 Z	HCWSGS 1401 Z	HCWSGS 1601 Z
Heating	Rated capacity	A7//W35	kW	10.20	12.00	14.20	15.70	10.20	12.00	14.20	15.70
	Electrical absorption			2.02	2.43	2.99	3.45	2.06	2.49	3.09	3.57
	Perfomance coefficient		COP	5.05	4.94	4.75	4.55	4.95	4.82	4.60	4.40
	Rated capacity	A7/W45	kW	10.20	13.00	14.20	16.20	10.20	13.00	14.20	16.20
	Electrical absorption			2.50	2.45	3.00	3.60	2.13	2.61	3.32	4.05
	Perfomance coefficient		COP	4.08	5.31	4.73	4.50	4.79	4.98	4.28	4.00
Cooling	Rated capacity	A35//W18	kW	10.20	12.00	13.70	15.50	10.20	12.00	13.90	15.40
	Electrical absorption			2.00	2.45	3.00	3.60	2.13	2.61	3.32	4.05
	Energy efficiency		EER	5.10	4.90	4.57	4.31	4.79	4.60	4.19	3.80
	Rated capacity	A35//W5	kW	9.00	11.10	13.30	13.80	9.10	11.10	13.30	13.80
	Electrical absorption			2.65	3.58	4.75	5.09	2.80	3.58	4.75	5.09
	Energy efficiency		EER	3.40	3.10	2.80	2.71	3.25	3.10	2.80	2.71
Seasonal heating data	Theoretical load (Pdesignh) @ -10°C	35/55	kW	9/10	12/12	13/13	14/14	9/10	12/12	13/13	13/14
	Seasonal energy efficiency (ηs)		%	176/135	188/144	185/145	184/145	189/140	180/137	179/138	179/138
	Energy efficiency class		-	A+++/A++							
	Annual energy consumption		kWh/y	4163/6076	5194/6606	5682/7456	6072/7768	4069/5907	5517/6990	5927/7769	5927/8014
Operation range	Outdoor air temperature	Heating	°C	-25~35							
		Cooling		-15~48							
		DHW		-25~45							
	Delivery water temperature	Heating	°C	20~65							
		Cooling	°C	5~25							
Refrigerant circuit data	Refrigerant[1]		Type (GWP)	R32 (675)							
	Quantity (tons CO2)		kg (t)	1.6 (1.080)	2.2 (1.485)			1.6 (1.080)	2.2 (1.485)		
	Control system			Electronic expansion valve							
	Compressor		type	Rotary - DC Inverter							
Hydraulic data	Heat exchanger	Type		Brazed stainless steel plates							
		Air flow	m³/h	1.8	2.1	2.4	2.7	1.8	2.1	2.4	2.7
	Circulation pump	Brand		Shinhoo							
		Static pressure[2]	kPa	49	46	32	23	49	46	34	23
	Water connections	Type		Threaded							
		Dimension	Inches	1"F BSP							
	Min/Max operating pressure		bar	0.5/2.5							
	Expansion vessel	Volume	L	2	3			3			
		Pre-load	bar	1	1			1			
Electrical data	Power supply		Ph/V/Hz	1ph-230V-50Hz				3ph-400V-50Hz			
	Maximum current	Heating	A	25	30	30	30	9	11.5	12	12.5
		Cooling		12	17	21	23	7	5	8	8.5
	Power cable (recommended)		type	3x6 mm²				5x2.5 mm²			
Product specifications	Fan	Type	qty	DC Inverter							
		Air flow aria	m³/h	5800	5015			5800	5015		
	Sound power level		dB(A)	68	68			68	68		
	Sound pressure level	Heating	dB(A)	62	54	55	56	60	54	55	56
		Cooling		60	55	57	59	57	55	57	59
	Dimensions	LxDxH	mm	1206x445x878				1206x445x878			
	Weight	Net	kg	120	138			134	144		
	Control (included)			Wired remote control							

The above data refer to the following standards: EN 14511:2018; EN 14825:2019; EN50564:2011; EN12102-1:2018; EN12102-2:2019; (EU)No:811:2013; (EU)No:813:2013; OJ 2014/C 207/02:2014.

1. 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 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 qulified personnel if necessary.
2. Values net of pressure losses of the exchanger.

HOT WATER

HWMBS 8080-D A

Monobloc heat pump water heater 80 liters "Ducted kitchen" series

GAS R134A | 80L | Duplex technology | Anti-legionella cycle

Water heater in monobloc heat pump, designed to be installed inside the kitchen column cabinet

R134A | Refrigerant gas

60° C | Hot water with the compressor only

Anti-legionella cycle

Exceptional corrosion resistance thanks to **Duplex technology**

ErP Ready

PERFORMANCE

MODEL	LOAD	ENERGY CLASS	COP According to EN 16147
HWMBS 8080-D A	80 L	M A++	4.20

Model			HWMBS 8080-D A
Tank volume		L	80
Solar integration coil (stainless steel)		m2	not present
Rated thermal power1		W	1050
Electrical absorption nominale1		W	250
Rated hot water production capacity1		L/h	20
COP (rated)1		W/W	4.2
COPDHW2		W/W	3.04
Test cycle profile2		-	M
Warm-up time2		hh:mm	03:42
Volume of hot water at 40°2		L	116
Energy efficiency class3		-	A++
IP Degree of protection IP		-	IPX1
Hot water T. adjustment interval		°C	38~70 (50 default)
Maximum DHW temperature only compressor		°C	60
Electrical data	Power supply	Ph-V-Hz	1-220~240V-50Hz
	Integrative heating element	W	1500
	Maximum current (including heating element)	A	8.30
Refrigerant circuit data	Refrigerant4	Type (GWP)	R134a (1430)
	Quantity	kg	0.65
	Tons of CO2 equivalent	t	0.930
	Compressor	type	Rotary ON/OFF
Product specifications	Dimensions (Diameter x Height)	mm	520 x 1160
	Net weight	kg	50
	Sound power level	dB(A)	46
	Sound pressure level a 2 m	dB(A)	31
Tank	Tank material	-	Duplex steel
	DHW connections	Inches	G1/2" (DN15)
	Solar coil connections	Inches	-
	Anode type	-	Not present
	Maximum operating pressure	bar	10
Suctioned air	Operating range	°C	-5~+43
	Air flow (ducted)	m3/h	300
	Fan static pressure	Pa	60
	Air duct - Diameter	mm	120
	Air duct - Max length	m	8

1. Conditions: intake air 20° C DB (15° C WB). inlet water 15° C / outlet 55° C. 2. Test according to EN16147; air 20° C.
3. Directive 2009/125/CE - ERP EU no. 814/2013. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerant 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 1430. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 1430 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 persoonel if necessary.

COMFORT AT HOME

Designed to be installed in the kitchen like a traditional boiler, the "Ducted Kitchen" series is positioned comfortably inside the kitchen column furniture, with air expulsion outside.

SAFETY

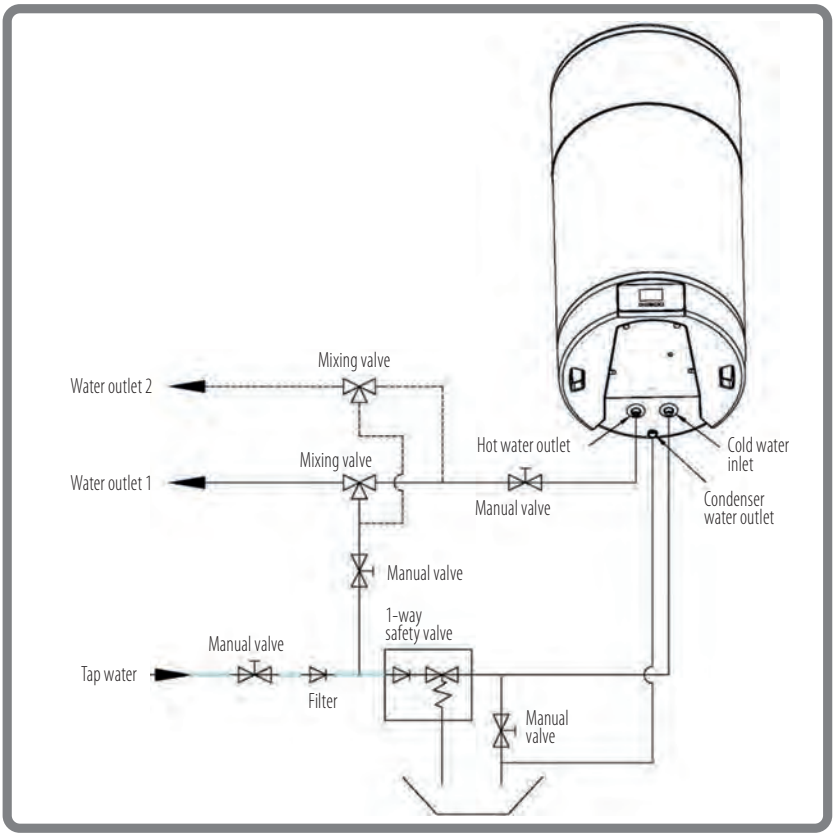
The tank is made of Duplex. a variety of extremely strong and corrosion-resistant stainless steel.

Anti-legionella system: the danger of legionella bacteria is averted thanks to periodic cycles that raise the temperature of the water inside the accumulation above 65° C.

INSTALLATION INSTRUCTIONS

1. It is mandatory to install a safety and non-return valve on the cold water inlet. Otherwise, the equipment could be seriously damaged. Use a valve with 0.7 MPa setting. For the installation location, refer to the piping connection diagram.
2. The safety valve drain pipe must descend vertically and must not be placed in an environment at risk of freezing.
3. The water must be able to drip freely from the hose and its end must be left free.
4. The safety valve must be tested regularly to verify its functioning and to remove limescale that could block it.

HYDRAULIC CONNECTIONS DIAGRAM



HOT WATER

HWMBS 2201 A | HWMBS 2301 A | HWMBS 2401 A

Monobloc heat pump water heater 200/300/400 liters "Ducted" series

No integration with solar thermal

GAS R134A

200L 300L 400L

Anti-legionella cycle

- Water heater with heat pump monobloc on base
- **R134A** | Refrigerant gas
- **Stainless steel tank**
- **60° C** | Hot water with the compressor only
- **Anti-legionella cycle** | Can be cutomized for different needs or can be excluded
- Innovative soft touch control panel to facilitate commissioning. use e maintenance
- ErP Ready

PERFORMANCE

MODEL	LOAD	ENERGY CLASS	COP According to EN 16147
HWMBS 2201 A	200 L	L A	2.64
HWMBS 2301 A	300 L	XL A	2.69
HWMBS 2401 A	400 L	XL A	2.81

Model			HWMBS 2201 A	HWMBS 2301 A	HWMBS 2401 A
Tank volume		L	200	300	400
Solar integration coil (stainless steel)		m^2	not present	not present	not present
Rated thermal power[1]		W	2020	2020	2020
Electrical absorption nominale[1]		W	486	486	486
Rated hot water production capacity[1]		L/h	43.2	43.2	45
COP (rated)[1]		W/W	4.16	4.16	4.16
COPDHW[2]		W/W	2.64	2.69	2.81
Test cycle profile[2]		-	L	XL	XL
Volume of hot water at 40°[2]		L	251	380	439
Energy efficiency class[3]		-	A	A	A
IP Degree of protection IP		-	IPX1	IPX1	IPX1
Hot water T. adjustment interval		°C	10~70 (50 default)	10~70 (50 default)	10~70 (50 default)
Maximum DHW temperature only compressor		°C	60	60	60
Electrical data	Power supply	Ph-V-Hz	1-220~240V-50Hz		
	Integrative heating element	W	1500		
	Max. current (including heating element)	A	10.0	10.0	10.0
Refrigerant circuit data	Refrigerant[4]	Type (GWP)	R134a (1430)	R134a (1430)	R134a (1430)
	Quantity	kg	0.80	0.80	0.80
	Tons of CO2 equivalent	t	1.144	1.144	1.144
	Compressor	type	Rotary ON/OFF		
Product specifications	Dimensions (Diameter x Height)	mm	560 x 1755	640 x 1850	700 x 1880
	Peso Net	kg	90	100	110
	Sound power level	dB(A)	55	56	56
	Sound pressure level a 2 m	dB(A)	46	46	38
Tank	Tank material	-	Stainless steel 304		
	DHW connections	Inches	G1" (DN25)	G1" (DN25)	G1" (DN25)
	Solar coil connections	Inches	-	-	-
	Anode type	-	Titanium electrode with alarm LED		
	Maximum operating pressure	bar	10	10	10
Suctioned air	Operating range	°C	-5~+43		
	Air flow (ducted)	m^3/h	400	400	450
	Fan static pressure	Pa	60	60	60
	Air duct - Diameter	mm	177	177	177
	Air duct - Max length	m	6	6	6

1. Conditions: intake air 20° C DB (15° C WB). inlet water 15° C / outlet 55° C. 2. Test according to EN16147; air 15° C for 200, 300 and 400L models.
3. Directive 2009/125/CE - ERP EU no. 814/2013. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerant 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 1430. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 1430 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 persoonel if necessary.

COMFORT AT HOME

Programming to take advantage of any advantageous time slots on the electricity tariff and have hot water available when needed.

Two operating modes: maximum savings with the use of the compressor only or maximum speed with the simultaneous use of the heat pump and integrated electric resistance. to produce large quantities of DHW in a short time.

SAFETY

Since the heat exchanger is external to the tank. no contamination between water and refrigerant fluid is possible.

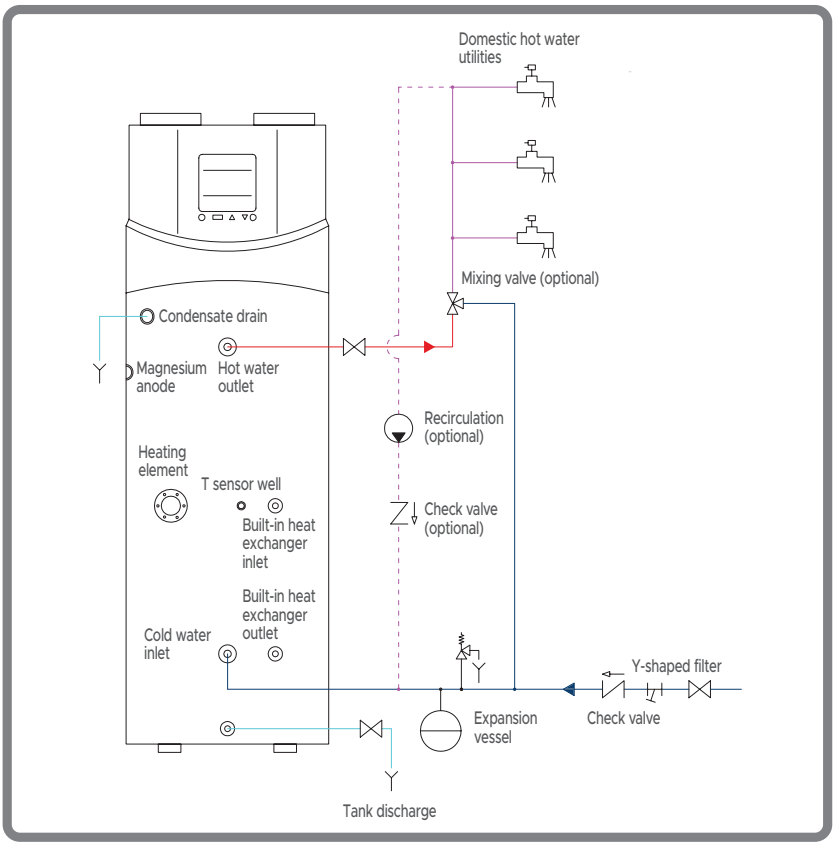
Anti-legionella system: the danger of legionella bacteria is averted thanks to periodic cycles that raise the temperature of the water inside the accumulation above 65° C.

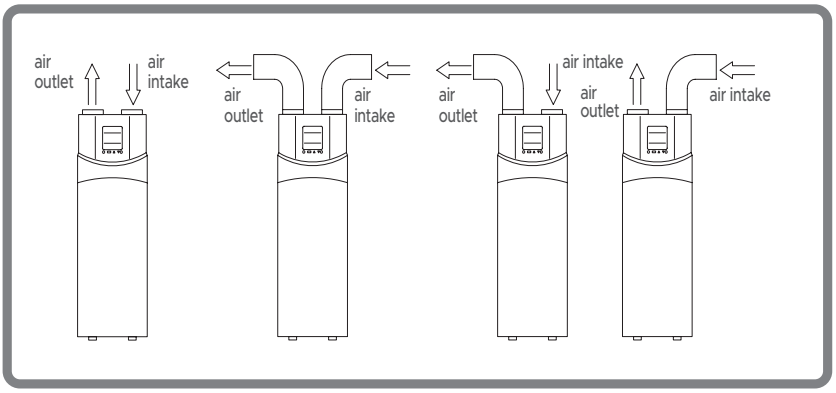
The titanium anode protects the tank from the corrosive action of water in an inexhaustible way: it guarantees greater reliability and lower maintenance costs compared to a solution with a magnesium anode.

INSTALLATION INSTRUCTIONS

1. It is mandatory to install a safety and non-return valve on the cold water inlet. Otherwise, the equipment could be seriously damaged. Use a valve with 0.7 MPa setting. For the installation location, refer to the piping connection diagram.
2. The safety valve drain pipe must descend vertically and must not be placed in an environment at risk of freezing.
3. The water must be able to drip freely from the hose and its end must be left free.
4. The safety valve must be tested regularly to verify its functioning and to remove limescale that could block it.

HYDRAULIC CONNECTIONS DIAGRAM





HOT WATER

HWMBS 2201 HEA | HWMBS 2301 HEA

HWMBS 2401 HEA | HWMBS 4401 HEA

Monobloc heat pump water heater 200/300/400 liters "Ducted" series

Possibility of integration with solar thermal

GAS R134A

200L 300L 400L

Anti-legionella cycle

NEW 2024 HWMBS 4401 HEA

Water heater monobloc on base with possibility of integration with solar thermal

R134A | Refrigerant gas

Stainless steel tank

60° C | Hot water with the compressor only

Anti-legionella cycle | Can be cucstomized for different needs or can be excluded

Innovative soft touch control panel to facilitate commissioning, use and maintenance

ErP Ready

PERFORMANCE

MODEL	LOAD	ENERGY CLASS	COP According to EN 16147
HWMBS 2201 HEA	200 L	L A	2.61
HWMBS 2301 HEA	300 L	XL A	2.68
HWMBS 2401 HEA	400L	XL A	2.61
NEW HWMBS 4401 HEA	400 L	XL A	2.62

Model			HWMBS 2201 HEA	HWMBS 2301 HEA	HWMBS 2401 HEA	HWMBS 4401 HEA*
Tank volume		L	200	300	400	400
Solar integration coil (stainless steel)		m2	1.0	1.0	1.0	1.0
Rated thermal power[1]		W	2040	2040	2060	3285
Electrical absorption nominale[1]		W	465	460	477	895
Rated hot water production capacity[1]		L/h	43.5	43.5	45.0	70.5
COP (rated)[1]		W/W	4.39	4.43	4.32	3.67
COPDHW[2]		W/W	2.61	2.68	2.61	2.62
Test cycle profile[2]		-	L	XL	XL	XL
Volume of hot water at 40°[2]		L	250	390	434	434
Energy efficiency class[3]		-	A	A	A	A
IP Degree of protection IP		-	IPX1	IPX1	IPX1	IPX1
Hot water T. adjustment interval		°C	10~70 (50 default)	10~70 (50 default)	10~70 (50 default)	10~70 (50 default)
Maximum DHW temperature only compressor		°C	60	60	60	60
Electrical data	Power supply	Ph-V-Hz	1-220~240V-50Hz			
	Integrative heating element	W	1500			
	Max. current (including heating element)	A	10.0	10.0	10.0	13.0
Refrigerant circuit data	Refrigerant[4]	Type (GWP)	R134a (1430)	R134a (1430)	R134a (1430)	R134a (1430)
	Quantity	kg	1.0	1.0	1.0	0.9
	Tons of CO2 equivalent	t	1.430	1.430	1.430	1.287
	Compressor	type	Rotary ON/OFF			
Product specifications	Dimensions (Diameter x Height)	mm	560 x 1755	640 x 1850	700 x 1880	700 x 1880
	Peso Net	kg	95	105	115	118
	Sound power level	dB(A)	58.2	58.2	58	59.2
	Sound pressure level a 2 m	dB(A)	37.8	37.8	38	37.2
Tank	Tank material	-	Stainless steel 304			
	DHW connections	Inches	G1" (DN25)	G1" (DN25)	G1" (DN25)	G1" (DN25)
	Solar coil connections	Inches	G3/4" (DN20)	G3/4" (DN20)	G3/4" (DN20)	G3/4" (DN20)
	Anode type	-	Titanium electrode with alarm LED			
	Maximum operating pressure	bar	10	10	10	10
Suctioned air	Operating range	°C	-5~+43			
	Air flow (ducted)	m3/h	400	400	450	800
	Fan static pressure	Pa	60	60	60	60
	Air duct - Diameter	mm	177	177	177	177
	Air duct - Max length	m	6	6	6	6

*** DRAFT: data subject to change without notice.**

1. Conditions: intake air 20° C DB (15° C WB), inlet water 15° C / outlet 55° C. 2. Test according to EN16147; air 7° C.
3. Directive 2009/125/CE - ERP EU no. 814/2013. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerant 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 1430. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 1430 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 persoonel if necessary.

COMFORT AT HOME

Programming to take advantage of any advantageous time slots on the electricity tariff and have hot water available when needed.

Two operating modes: maximum savings with the use of the compressor only or maximum speed with the simultaneous use of the heat pump and integrated electric resistance. to produce large quantities of DHW in a short time.

SAFETY

Since the heat exchanger is external to the tank. no contamination between water and refrigerant fluid is possible.

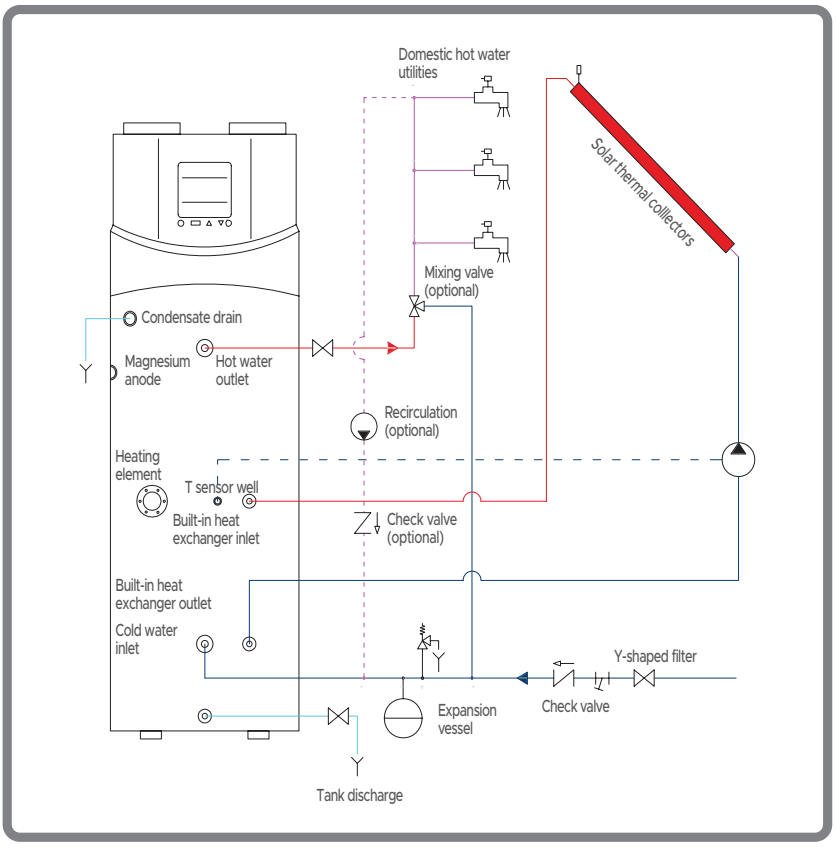
Anti-legionella system: the danger of legionella bacteria is averted thanks to periodic cycles that raise the temperature of the water inside the accumulation above 65° C.

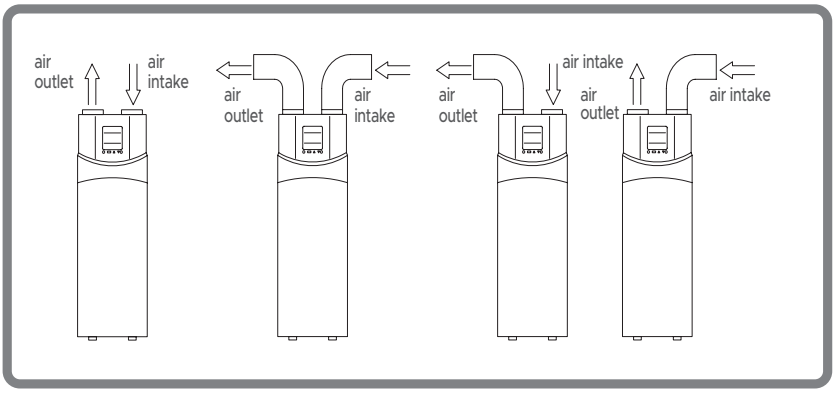
The titanium anode protects the tank from the corrosive action of water in an inexhaustible way: it guarantees greater reliability and lower maintenance costs compared to a solution with a magnesium anode.

INSTALLATION INSTRUCTIONS

1. It is mandatory to install a safety and non-return valve on the cold water inlet. Otherwise, the equipment could be seriously damaged. Use a valve with 0.7 MPa setting. For the installation location, refer to the piping connection diagram.
2. The safety valve drain pipe must descend vertically and must not be placed in an environment at risk of freezing.
3. The water must be able to drip freely from the hose and its end must be left free.
4. The safety valve must be tested regularly to verify its functioning and to remove limescale that could block it.

HYDRAULIC CONNECTIONS DIAGRAM





CONTROLS

CONTROLS

INDIVIDUAL SERIES CONTROLS R32

R32
ARASHI

- On/off.
- Mode: cooling, heating, ventilation, dehumidifying, automatic, eco.
- Adjustable fan speed: low, medium-low, medium, medium-high, hig or automatic.
- Vertical and horizontal louver swing.
- Sleep.
- Turbo.
- Silence Mode.
- Child lock.
- Follow me function.
- On/off timer.
- Light Ventilation "Gentle Wind".
- Self Clean.
- Timer.
- "Health" air purification.

R32
WARRIORS

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, mediium, high or automatic.
- Vertical louver swing.
- Sleep.
- Turbo.
- Self Clean.
- Follow me function.
- Silence Mode.
- Timer 24h.
- Eco function.

R32
INAZAMI

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Adjustable fan speed: 1~100%.
- Vertical and horizontal louver swing.
- Sleep.
- Turbo.
- Led function.
- Silence Mode.
- FP mode.
- Follow me function.
- On/off timer.
- Breeze Away.
- Eco/Gear.
- Fresh.

R32
compact cassette 60x60
slim cassette 84x84
floor/ceiling

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical louver swing.
- Sleep.
- Turbo.
- Led function.
- Follow me function.
- On/off timer.
- Self Clean.
- Breeze Away.

R32
console

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical louver swing.
- Sleep.
- Turbo.
- Led function.
- Eco function.
- Follow me function.
- On/off timer.
- Self Clean.

INDIVIDUAL SERIES CONTROLS R32

R32
ducted medium static pressure

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Clock & timer setting.
- Clock & On/off timer.
- Vertical and horizontal louver swing (on some models).
- Fan speed: low, medium, high or automatic.
- Weekly timer.
- Follow me function.
- Child lock.
- LCD display.
- IR remote control (on some models).
- Lifting panel (on some models).

OPTIONAL INDIVIDUAL CONTROLS R32

DHW-WT-ZA
compact cassette, slim cassette, floor/ceiling

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Clock & timer setting.
- Clock & On/off timer.
- Automatic air flow test.
- Independent louver control.
- Fan speed: low, medium, high or automatic.
- Temperature limit setting.
- Weekly timer.
- Turbo.
- Follow me function.
- Key lock.
- Child lock.
- ESP setting.
- Error detection.
- Auto-restart.

INDIVIDUAL CONTROLS FOR I.U. XRV-P

DHIR-5-6-XRV-K-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Horizontal louver swing (only active for floor/ceiling I.U.).
- Vertical louver swing.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock & On/off timer.
- Eco function.

DHW-5-6-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock & On/off timer.
- Eco function.
- Filter cleaning indicator.

GROUP CONTROLS FOR I.U. XRV-P

DHWT-16-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock & On/off timer.
- Weekly Timer.
- Eco function.
- Reminder of filter cleaning.
- Group control up to 16 I.U.

CENTRALIZED CONTROLS FOR I.U. XRV-P

DHC-8-64-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock & On/off timer.
- Weekly Timer up to maximum 20 programs.
- Holiday mode.
- Eco function.
- Error detection.
- Manages up to 20 groups.
- Report export via USB.

DHC-48-364-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Blocco tasti.
- Fan speed: low, medium, high or automatic.
- Clock & On/off timer.
- Weekly Timer up to maximum 20 programs.
- Holiday mode.
- Eco function.
- Error detection.
- Manages up to max. 48 groups and 384 I.U.
- Report export via USB.
- Consumption analysis.

INDIVIDUAL SIMPLIFIED CONTROLS FOR I.U. XRV-P

DTW IHXR Simply

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Reminder of filter cleaning.
- Wireless signal receiver.
- Key lock.
- Eco function.
- Follow me function.
- Button 26° C.

OPTIONAL ACCESSORIES

DTA-XRV-P-I
3-Phase O.U. XRV

- Power consumption detector.
- Digital ammeter for measuring the electrical consumptions of the XRV outdoor units.
- This accessory can only be integrated with centralized controller DHC-48-384-XRV-P.

INTERFACES FOR BMS PROTOCOLS

DHMOD1-XRV-I
Modbus

- Connects u to 64 indoor units and 4 outdoor units.
- Modbus communication protocol.

DHLON1-XRV-I
Lonworks

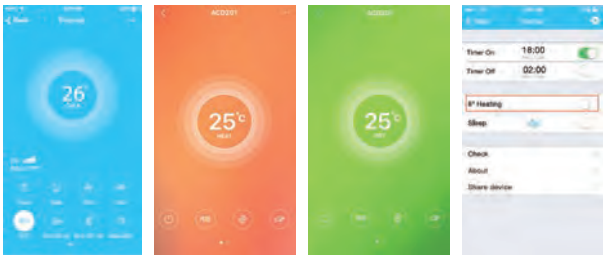
- Connects up to 64 indoor units and 4 outdoor units.
- Lonworks communication protocol.

DHBAC1-XRV-I
Bacnet Gateway

- Connects up to 64 indoor units and 4 outdoor units.
- Bacnet communication protocol.

WIFI HOKKAIDO
Wi-Fi HKM-WIFI-TB control

Some examples of screens from iOs devices



All yur main air conditioning settings right from your smartphone

The HKM-WIFI-TB module allows you to access remote control of the air conditioner via a single app downloadable on your smartphone.

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

- **HKM-WIFI-TB**: for residential wall-mounted indoor units and commercial slim cassette indoor units.

An intelligent app that controls comfort and energy savings that benefits your energy bill.

Home air conditioning control, even away from home

The app is available for iOS and Android devices.

You can download it fro free from the Apple Store and the Play Store.

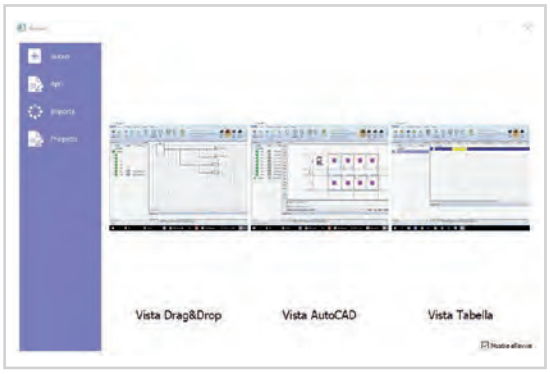
Main functions of HOKKAIDO WiFi modules

- Access security with account protected by credentials (UserID & PWD).
- Unique identification of each individual unit that you want to check.
- On and off control.
- Operating mode selection.
- Set temperature adjustment.
- Fan speed.
- Daily & weekly timer.
- 8° C heating activation (function that prevents the room temperature from falling below 8° C).
- Silent mode.

DESIGN SOFTWARE FOR XRV SYSTEMS

Innovative graphic interface

- Setting the initial project conditions such as customer information, designer, unit type, operating conditions and all parameters relevant for the choice.
- Automatic selection of indoor and outdoor units, the software suggests models that meet the project conditions, or manual.
- Branch selection.
- Choice of controls and electrical system configuration.
- Project saving and data report generation.
- Automatic indication of the unit connection path and wiring diagram for quick system installation.
- Machine list report extrapolation in Word, Excel or pdf format with technical data, piping diameter and length.
- Extrapolation in dwg format of the refrigerant and electrical diagram.



OPTIONAL CONTROLS COMPATIBILITY

Controls	INDOOR UNITS							
	RAC parete			PAC Hybrid				XRV Systems
	Active Line	Warriors	Inazami	HTFU	HTBI	HFIU	HSFU/HSFI	XRV-P
Wired control								
DHW-WT-ZA				●	●		●	
DHW-5-6-XRV-P								●
DHIR-5-6-XRV-K-P								●
DHWT-16-XRV-P								●
DTW IHXR Simply								●
Centralized control								
DHC-8-64-XRV-P								●
DHC-48-384-XRV-P								●
WiFi Module								
HKM-WiFi-TB	●	●	●		●	●		

APPENDIX

Detail of the control functions

- **Sleep**: improves comfort, during night-time operation, through reductions (in heating) or gradual increases (in cooling) of the set temperature.
- **Turbo**: the unit operates at maximum speed to quickly reach the cooling or heating temperature.
- **Led function**: brightness adjustment.
- **Silence mode**: attenuation of the compressor frequency with consequent reduction in noise emissions.
- **FP mode (heating only)**: prevents the ambient temperature from falling below 8° C.
- **Follow Me function**: adjusts the room temperature according to that detected by the remote control to obtain maximum comfort.
- **Eco function**: automatic setting of the room temperature in both heating and cooling modes.
- **Self Clean**: allows the evaporator to dry, to avoid the formation of mold and bacteria.
- **Direct function**: positioning of motorize louvers.
- **Shortcut function**: automatic restoration of the last settings (mode, temperature, fan speed).
- **Memory**: in the event of a blackout, when the electricity supply is restored, it automatically restarts with the previous settings.
- **Reset**: factory reset.
- **Holiday mode**: allows you to keep the air conditioning system on stand-by for the desired period without eliminating the previous operating settings.
- **Breeze Away**: in cooling, ventilation and dehumidification modes it allows you to avoid a direct flow of air.
- **Gear function**: allows you to choose the percentage of electricity consumed (100%, 75%, 50%) obtaining energy savings.
- **Fresh function**: activation or deactivation of the ion generator to obtain purification of the air in the room.
- **Gentle Wind**: in cooling mode, light ventilation function for optimal comfort.
- **Health function**: air purification, activates the bipolar ionizer and UVC lights.

ICON KEY

REFRIGERANT GAS R32

COMPACT DESIGN

OUTSIDE AIR
Pre-cut for outside air intake fitting.

LOW ACOUSTIC IMPACT

EASY INSTALLATION

OPERATING RANGE
Minimum or maximum values for cooling operation.

ANTI-FREEZE FUNCTION 8° C

REFRIGERANT GAS R410A

AUTOMATIC BRIGHTNESS ADJUSTMENT

FOLLOW ME FUNCTION
Activates the temperature sensor in the remote control.

BIO-FILTER

ION GENERATOR

24H TIMER

WIFI READY

DEHUMIDIFICATION

TURBO FUNCTION

AUTORESTART FUNCTION
Resets pre-defined settings after a blackout.

SELF-DIAGNOSIS FUNCTION

SLEEP FUNCTION

COMPUTERISED DEFROST

REMOTE CONTROL

WIRED REMOTE CONTROL

HOKKAIDO

As a result of the ongoing technological evolution of products, we reserve the right to change the technical specifications at any time and without notice. The products shown are only illustrative of the types of applications.

HOKKAIDO is a brand of TERMAL SALES

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03-2024