

2026



FINTEK
REDESIGN YOUR FEELINGS

AIR CONDITIONER WATER COOLED



DESIGN MADE IN ITALY



**To be visible or not
is no longer a problem**

MONOSPLIT – MULTISPLIT – VRF

SINCE 1995, WE'VE BEEN TEACHING YOU TO BREATHE.

Since 1995, Fintek has been transforming every environment into an oasis of comfort and well-being with its innovative solutions in air conditioning without external units. We specialize in creating advanced air conditioners that ensure clean air and an ideal climate, improving quality of life day by day.



MONOBLOC HEAT PUMPS

A++/A+++
Class



All the air conditioners in this catalog are rated Class A++ for heating and cooling and are certified.

Fintek: Leader in Air Conditioning Without External Units

Air Conditioners Without External Units: Elegance and Top Performance

Perfectly integrable into interiors, our air conditioners combine efficiency, refined design, and ease of installation. Ideal for those living in historic centers or wishing to eliminate the external unit, our solutions offer excellent performance without compromising the aesthetics of the surroundings.

Technology and Customized Design

Designed to meet all needs, Fintek air conditioners stand out for their discreet and functional design. Like an appliance, they harmoniously integrate into domestic environments while ensuring top-level performance.

Certified Reliability

With over 25 years of experience, we guarantee certified products that meet the highest quality standards. Our cutting-edge technologies ensure lasting performance, safety, and consistent comfort over time.

Fintek: teaching you to breathe better, every day.

Choose the innovation and quality only a market leader can offer. Explore our solutions to live your space in harmony with the environment and yourself.



FINTEK
REDESIGN YOUR FEELINGS

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SPLIT INVERTER WITH WATER COOLED SYSTEM

We air conditioning every room:
housing, shops, restaurants, bars, hotels.

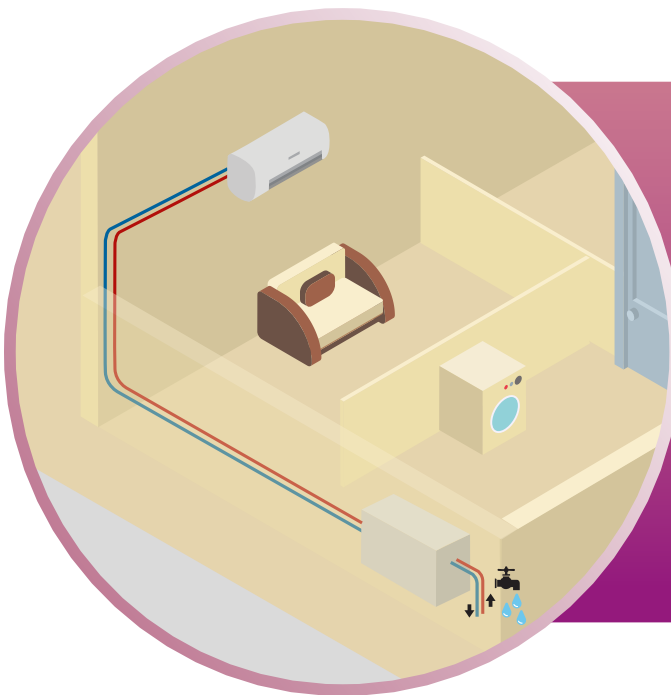


TO BE VISIBLE OR NOT IS NO LONGER A PROBLEM

Traditionally, the water-cooled outdoor unit is concealed and can be placed in any room with a water supply and drainage system, making it completely invisible. A system like this can be used for residential installations as well as for shops and offices, wherever building restrictions exist. However, the new features can be found on the following pages.

Class A++

All the air conditioners in this catalog are rated **Class A** and **Class A++** for heating and cooling.

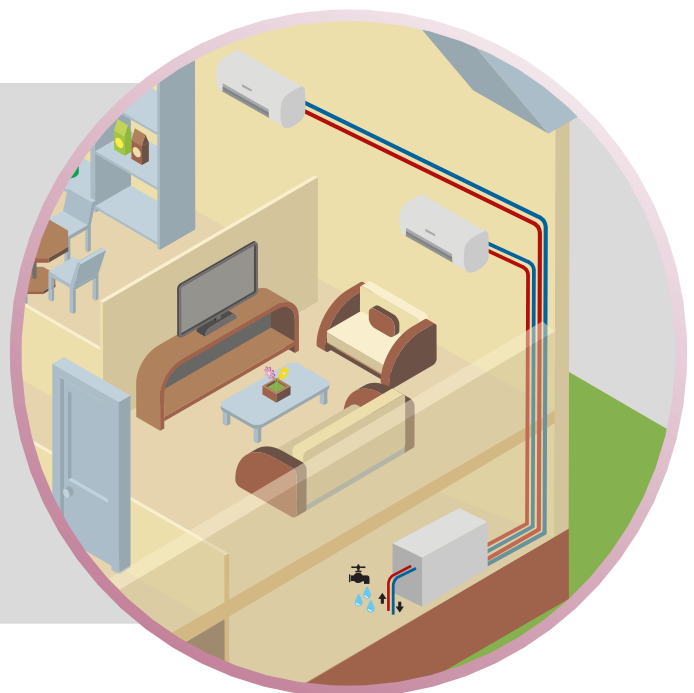


CONCEALED

The concealed outdoor unit can be placed in the attic, a hallway, or a garage, making it completely invisible.

VERSATILE

A system like this can be used for residential installations as well as for shops and offices, wherever building restrictions exist.



KUBORING

WITHOUT AN OUTDOOR UNIT
WITHOUT WALL HOLES
WITHOUT CONDENSATE DRAIN
WITHOUT WATER CONSUMPTION
ALL IN VERY LITTLE SPACE



WE'VE INVENTED HOT WATER

COME AND DISCOVER OUR CIRCULAR WATER SYSTEM

**COME AND DISCOVER THE FUTURE
OF SPLIT AIR CONDITIONERS**

WHAT DOES “AIR CONDITIONING WITH WATER WITHOUT CONSUMING IT” MEAN?

Fintek's air conditioner without an outdoor unit allows the motor to be installed directly **inside the building**, freeing up valuable balcony space and preserving the façade's integrity.

One of the standout features of this air conditioner is its installation flexibility. **It can be positioned in any room with an adequate water inlet and outlet system, just like a washing machine**, making the installation process seamless in any type of environment.

The compact size and quiet operation of Fintek air conditioners further facilitate integration into any space.

But the real surprise comes with the performance: compared to traditional air conditioners with outdoor units, **Fintek water-condensed air conditioners deliver an average of 30% higher cooling output**. This translates into tangible energy savings and real benefits on your utility bills.



It can be positioned in any room with an adequate water loading and unloading system, such as a simple washing machine.

KUBORING THE CIRCULAR WATER SYSTEM BY **FINTEK**

Imagine an **invisible air conditioning** system that not only cools your home with incredible efficiency but also eliminates or minimizes water and energy waste. **This is the future**, and it's here with our innovative water-condensed split air conditioning system.

COMPLETELY INVISIBLE

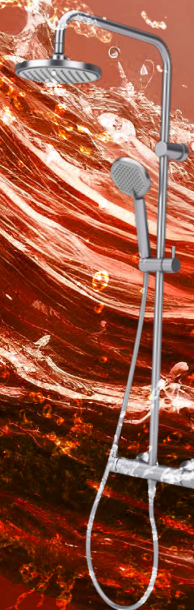
Fintek's water-condensed air conditioners are invisible. There are no outdoor units, only internal units that can be installed wherever there is water inlet and outlet access, just like a washing machine.

UNPARALLELED EFFICIENCY

Our system stands out for its exceptional energy and water efficiency. Unlike traditional air conditioners that waste a significant amount of energy and resources, our system uses a closed water loop that minimizes waste. The water used to cool the split units is reused for other household purposes, providing you with free hot water for domestic use and making your resource consumption much more sustainable.

ECONOMIC AND ENVIRONMENTAL BENEFITS

Adopting our water-based air conditioning system doesn't just mean having a cooler home. It also means reducing energy and water costs. The reused water for appliances and other household uses translates to less waste and lower bills. With a system that optimizes every drop of water, you're making a responsible choice for the environment.



FINTEK

REDESIGN YOUR FEELINGS

ADAPTABILITY AND SAVINGS

The efficiency of our system varies based on the size of the storage tank and its installation. A larger tank can store more water, increasing the amount of reusable resources. Additionally, installing the tank underground can further improve efficiency by maintaining stable water temperatures and reducing energy consumption even more.

NO CONDENSATE DRAIN

Our system, besides being invisible and high-performing, doesn't require condensate drainage, except for the indoor units.

A CIRCULAR AND VIRTUOUS SYSTEM

The key to our system is the **storage tank**, which allows the collection and reuse of used water. This valuable resource, after cooling your home, can be employed to power your washing machine, dishwasher, or even for a shower.

The water reaches temperatures up to 45°C, making it perfect for a variety of domestic uses without waste.

Today, sustainability is crucial, and our water-condensed split air conditioning system represents a step forward towards a greener and more efficient future. With our innovation, you no longer have to choose between comfort and ecological responsibility.

You can enjoy a cooled home without compromising its aesthetics, while also reducing waste and costs.

There's no other system capable of offering you more.



KUBORING, COMPATIBLE WITH ANY TYPE OF INTERNAL UNIT



FINTEK

REDESIGN YOUR FEELINGS

HOW DOES THIS SYSTEM WORK IN PRACTICE?

With **KUBORING** (4) (5), thanks to a technical storage solution that can be: a storage tank (1), a swimming pool (2), or an underground water tank (3), you can store hot water (+40°C) that you would have previously discarded.

At the same time, you can cool your spaces using a FINTEK concealed water-condensed unit (4) (5) by employing wall units (6), cassettes (7), consoles (8), or ducted systems (9).

The water that was previously WASTE is now preserved for domestic uses such as doing laundry (13), using a dishwasher (12), showering (10)(11), and more—completely free of charge.

With significant energy savings and a thank-you from the environment.

**The Green Deal
Starts here,
at zero cost.**



**THE
CIRCULAR
WATER
SYSTEM BY
FINTEK.**



VERSATILITY OF FINTEK WATER AIR CONDITIONERS: COMPATIBLE WITH **ANY TYPE** OF INDOOR UNIT



The Fintek water air conditioner can be paired **with any type of indoor unit**, whether it's a ducted system, cassette, floor-ceiling systems, console, or wall-mounted split units.

PRESERVE ELEGANCE

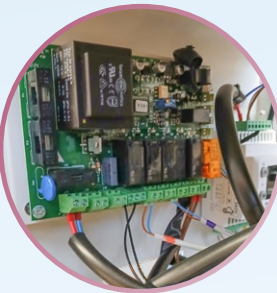
Why ruin the aesthetics of our spaces?

This patented system by Fintek is **completely invisible**, a technological masterpiece that harmonizes perfectly with your home's aesthetics. This system can be paired with any type of internal unit, offering unprecedented flexibility. Whether you choose a ducted system, cassette, floor-ceiling systems, console, or wall-mounted split units, your aesthetic remains intact.



2025 INNOVATIONS NEW FEATURES OF FINTEK WATER-COOLED AIR CONDITIONERS

The new Fintek air conditioners stand out for their efficiency and quality features. The elevated self-supporting casing, made with a powder coating and scratch-resistant treatment, ensures durability and strength. The Noise Stop system, featuring high-density rubber anti-vibration feet, minimizes vibrations and noise. Additionally, the internal condensate collection tray is designed with high walls and watertight welds, providing maximum safety and reliability.

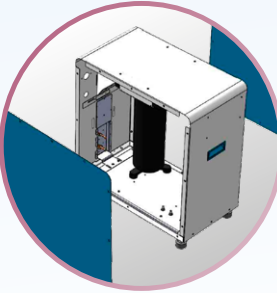


Integrated Electronic System for System Management



Optional system with an electronic pressostatic valve – A Fintek-patented algorithm optimizes performance based on various incoming water temperatures for maximum energy savings.

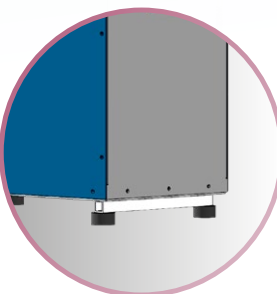
Ergonomic balanced handle for easy transport



Side panel opening system with concealed flush screws

Concealed screws flush with the panel

Powder coating with **scratch-resistant treatment**



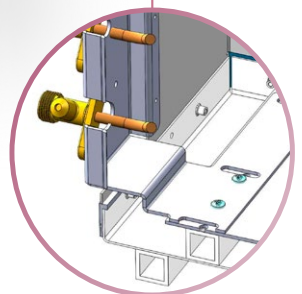
Optional external feet for adaptation to all surfaces



Elevated self-supporting casing



Noise Stop system: high-density rubber anti-vibration feet



High-wall condensate collection tray with watertight welds

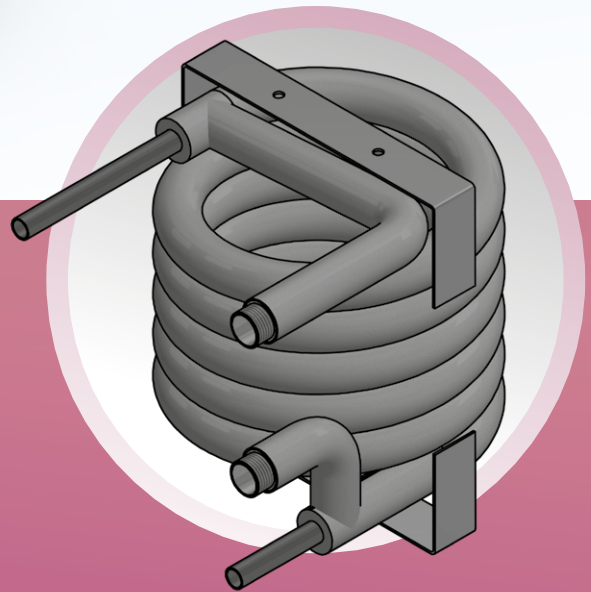
MAXIMUM EFFICIENCY IN A SMALL SPACE. TAKES UP VERY LITTLE SPACE!



The compact design of Fintek air conditioners makes **them ideal even for the smallest spaces.** With dimensions slightly larger than a PC case, the system easily integrates into any environment.

The rounded edges, without sharp corners, enhance both safety and style, with minimal footprint for maximum performance.

FINTEK PATENTED HIGH-EFFICIENCY TUBE-IN-TUBE HEAT EXCHANGER



The FINTEK water-gas tube-in-tube heat exchanger is a compact and patented system **designed to optimize thermal exchange between water and gas.** Its structure, with an internal multi-tube design featuring continuous and cross-flow patterns, provides a larger surface area for heat exchange, ensuring high efficiency and performance.

The thermal exchange area is maximized to achieve the best possible performance, with outstanding output levels. Additionally, it is designed to prevent freezing, ensuring stable performance even at very low water temperatures. **It is also available in Titanium to prevent any corrosion.**

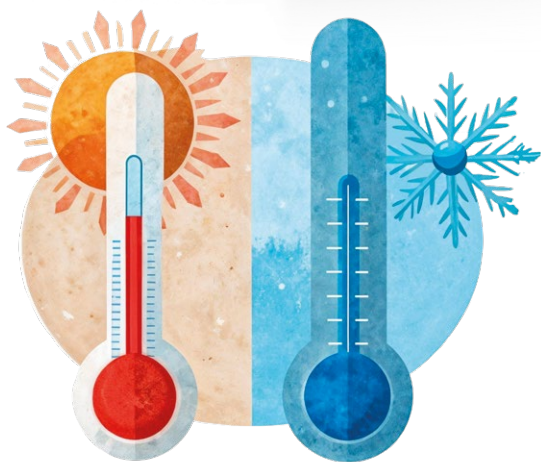


COOLING-ONLY UNIT, CODE SF

This air conditioning system is **designed for cooling during the summer period and for dehumidifying indoor spaces**. Ideal for regions or environments where heating is not required, cooling-only air conditioners are generally more cost-effective to install compared to dual-function systems.

They provide precise temperature control and are available in various configurations to meet different space and performance requirements.

The unit is designed to allow for the addition of a heat pump function upon written request to FINTEK SRL and payment for activation, which can only be performed by an authorized service center. The indoor units are already pre-configured for heat pump use. The system is fully compatible with **KUBORING®**, which prevents water consumption during operation*.



COOLING AND HEATING UNIT FOR MID-SEASON, CODE HP

The primary function of this system is cooling and dehumidification. Additionally, the heat pump function can be activated during the mid-seasons, providing a heating option. However, this function should not be considered a primary heating system suitable for all situations. For example, the unit's performance tends to decrease when the water temperature drops below the design limits.

The system is fully compatible with **KUBORING®**, which prevents water consumption during operation*.

**to be understood within the limits of the ring cycle in cooling +10/+27 in heating +6/+25*



**FINTEK FOR EVERY SEASON:
TOTAL COMFORT
IN EVERY SEASON.**



COOLING AND PRIMARY HEATING UNIT FOR HIGH TEMPERATURE, CODE HT

These units are designed for summer operation in cooling and dehumidification mode, and for winter operation in primary heating mode. They feature a Fintek patented high-performance heat exchanger, which exceeds the limitations of very low water temperatures compared to traditional water-cooled systems. To significantly enhance performance, optional features include the water saver system to reduce water usage, and the low-temperature kit to prevent system freezing and facilitate restart.

The system is fully compatible with **KUBORING®**, which prevents water consumption during operation*.

**to be understood within the limits of the ring cycle in cooling +10/+27 in heating +6/+25*

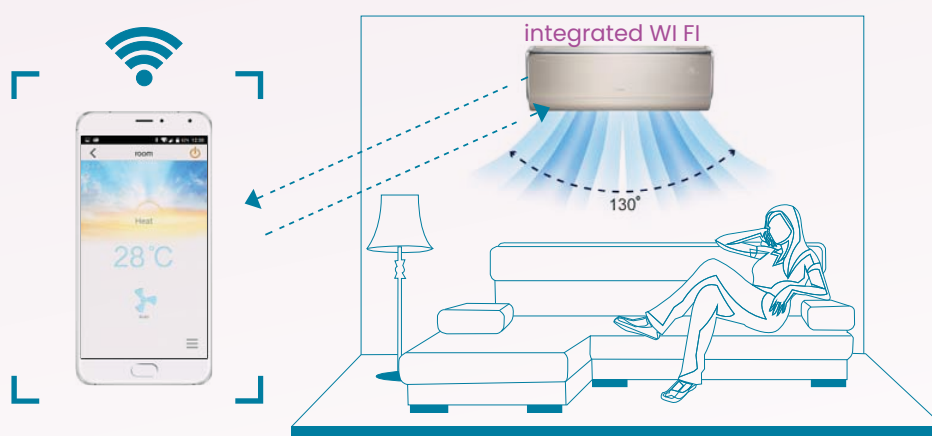
WIRELESS SOLUTIONS, KEEP CONTROL!

NEXT-GENERATION

WIFI CONTROL

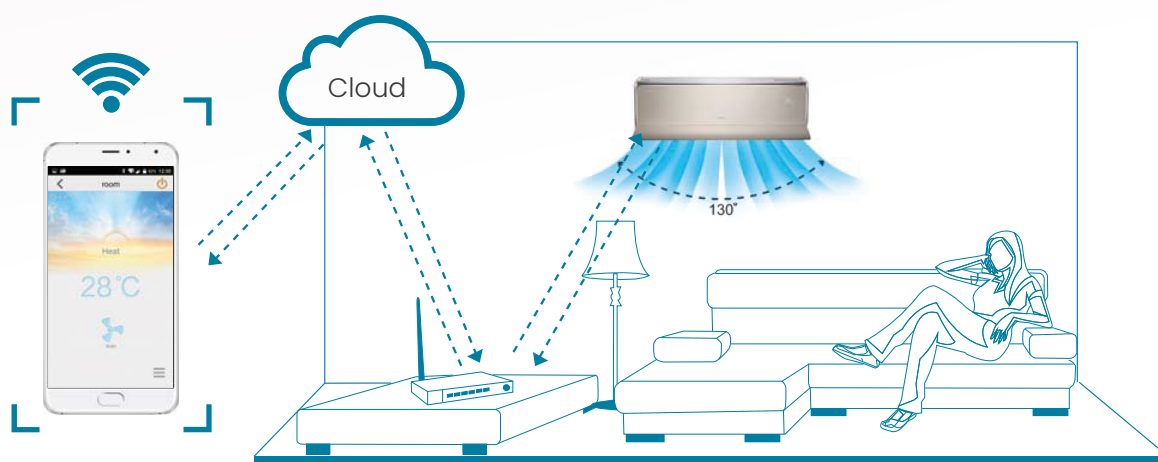
Installing the application on the smartphone you can easily control all the parameters of the air Conditioner remotely.

DIRECT MODE



The smartphone can be connected directly to the air conditioner via Wi-Fi Direct technology, without the help of a router. This solution can be selected at home for control from a short distance.

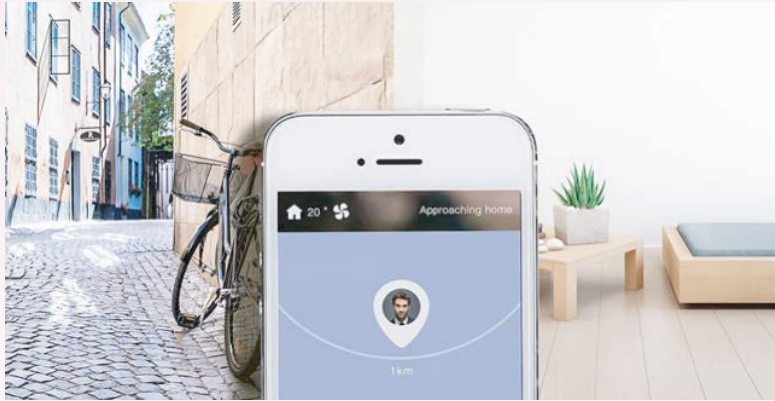
REMOTE CONTROL



Connecting through the home internet connection to the “Cloud Platform” you can control the air conditioner even when you are not at home; simply connect to the “Cloud Platform” from the application.

WITH FINTEK JUST ASK

REALLY SMART AIR CONDITIONING



The MideaAir app is available on all digital stores.



amazonecho



Google Home



Apple HomePod

Voice controls, remote control wherever you are, thanks to GPS, and many apps manageable functions: with Fintek you can always have everything under control. Discover our solutions for smart, simple and intuitive air conditioning designed to shorten distances.



AUTO DETECTION

Wherever you are, you can control your air conditioner to turn it on or off based to your needs. Leveraging GPS technology, your air conditioner recognizes when to turn on or off based on your distance from home, limiting energy waste.



VOICE CONTROL

Controlling comfort in your own home has never been easier. With integration with the latest generation technologies Echo Voice Command by Amazon Alexa, Google Home and Apple HomeKit, you can “ask” your air conditioner for the best for you and your comfort.

ENERGY SAVING



Ultra low frequency torque control.

Constant temperature
Energy saving



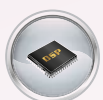
R 32 ecological cooler

Do not damage the
ozone layer - High
efficiency



Automatic frequency adjustment (from 150 to 260V)

More stability - Less
faults



High Speed DSP Chip

Accurate Calculation
Efficient Operation



Ultra-low noise control

Quiet operation
Comfort



High reliability

Excellent quality
Superior performance



Accurate, wide frequency control

Continuous operation
Accurate control



Verifications with computer simulation

Less fluctuations
Lower sound level



Special coolant control system

Fast cooling
Fast heating



Power factor correction technology

High efficiency
Better operation

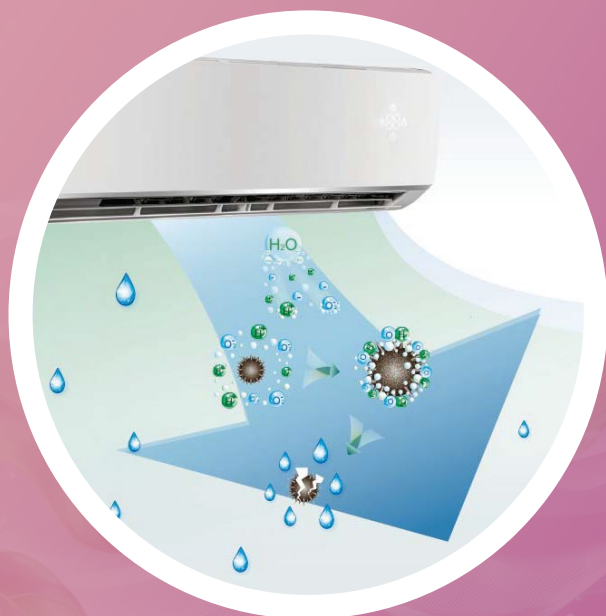


High-Performance Spiral Coil Heat Exchanger



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AIR QUALITY



PURIFICATION SYSTEM OF THE AIR "COLD PLASMA"

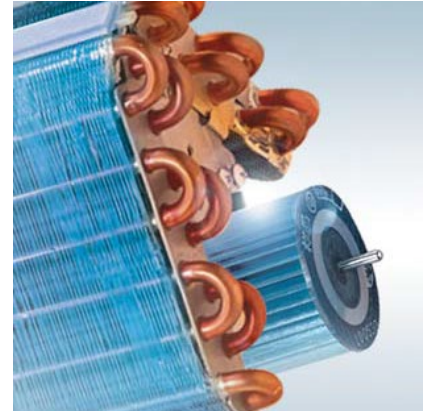
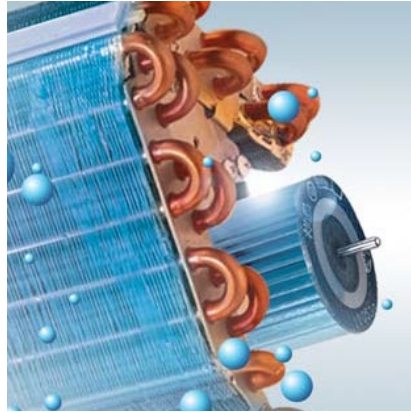
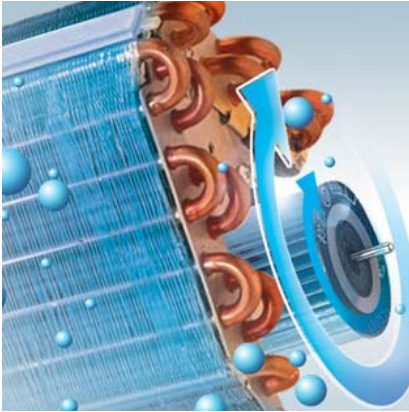
It ensures effective air sterilization and when treated with FINTEK AEMINA they break down **99% of bacteria.**

Removes odors.

Improves air quality by increasing the presence of negative ions.

SELF-SANITIZING SYSTEM

The fan continues to operate for a few minutes after shutting down the internal unit so that the battery can be dried perfectly and thus avoid mold formation.

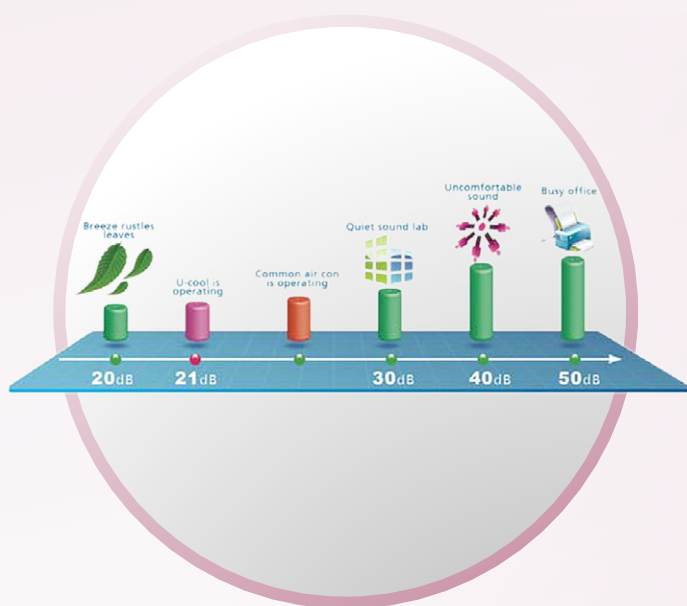


COMFORT OPERATION UP TO LOW EXTERNAL TEMPERATURES



PREVENTION OF COLD AIR INTO THE ENVIRONMENT

During operation in a heat pump, the preheating function of the copper tubes ensures that the air is fed into the room only after reaching a minimum temperature of comfort so as to avoid unpleasant cold air flows.

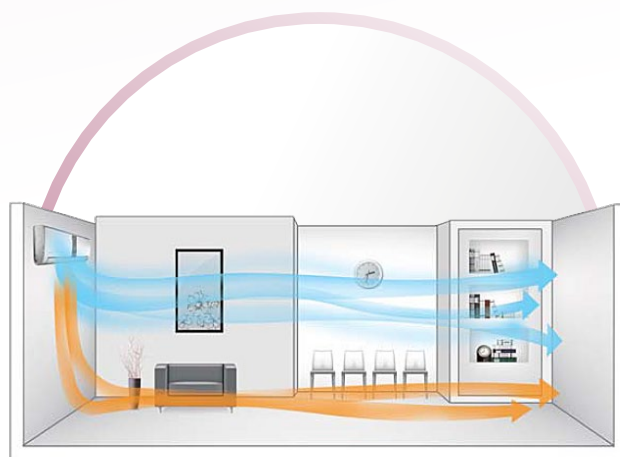


LOW SOUND LEVEL

The use of very quiet fans and the special design of the internal units allow to reach levels of sound pressure of the internal units, i.e. noise perceived by the human ear, close to 21dB (A), similar to leaf rustling when there is a light breeze. Particular attention is also paid to the use of high efficiency fans and to the high insulation of the compressor, which result in a low sound level of the indoor units.

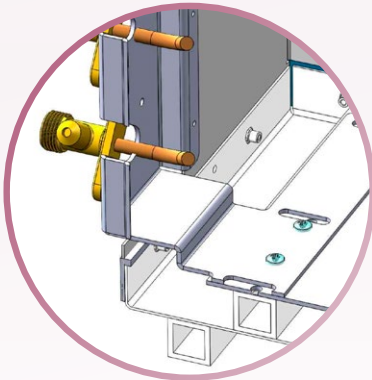
“TURBO” FUNCTION

Maximum comfort both in cooling and in heating is guaranteed by the turbo function: in fact, you get a very powerful air flow, horizontal to the ceiling in cold, downwards in heat, such as allow you to reach the desired comfort in a few minutes.



RELIABILITY

The use of high quality components, the special attention to insulation and the solidity of the casing are guarantees of long life and durability even in not easy climatic conditions. The casing is in fact subjected to an anti-rust treatment that makes the unit capable of resisting for several years in saline climates, rain.

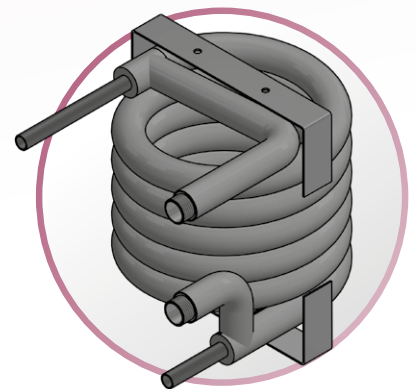


BEST DESIGN CONDENSATE TRAY

The condensate water flows easily and does not freeze in the tray. This also improves heating efficiency during operation at low outside temperatures.

FINTEK PATENTED TUBE-IN-TUBE HEAT EXCHANGER

The steel heat exchanger with 5 coils prevents potential damage to the copper gas tube in case of ice formation, ensuring high performance. It is also available in Titanium to prevent any corrosion when used with saltwater.



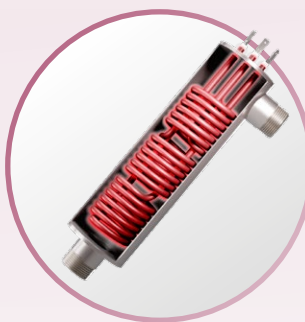
HIGH-TEMPERATURE RESISTANT PCB

In the inverter unit, the PCB is capable of operating even at temperatures above 85°C. The metal casing is also fireproof.

PROTECTION IN CASE OF REFRIGERANT LEAK

When the refrigerant level is insufficient and the expansion valve is blocked, the internal unit display shows the error message FO, and the unit stops. This function protects the entire unit, especially the compressor, from damage caused by high temperatures resulting from the refrigerant loss.



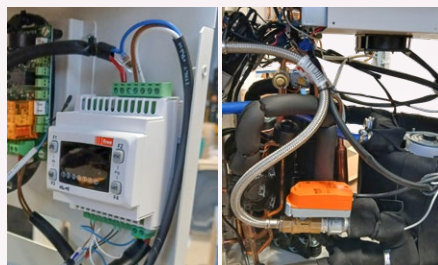


BACKUP HEATER

The backup heater is an accessory that allows the unit to operate at very low condensation water temperatures, down to 3°C, or for use in critical conditions.

FINTEK ELECTRONICS

Advanced FINTEK electronics with water inlet temperature sensors to optimize energy savings and minimize the use of process water. Valve activation is controlled through process algorithms.

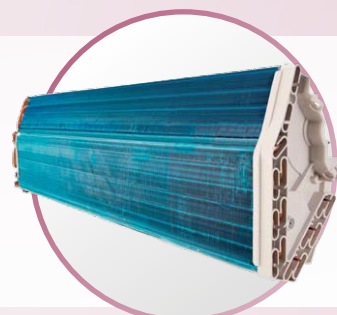


WATER SAVER® SYSTEM

The optional **WATER SAVER® system** is an electronic control that manages the water flow, minimizing usage when not strictly necessary. It is programmable for all water inlet situations, particularly when temperatures deviate significantly from the design specifications.

COMPACT EVAPORATOR

The compact design minimizes the size of the indoor unit, significantly improving its heat exchange efficiency.



DOUBLE SIDE CONDENSATE DRAINAGE

The condensate drainage can be positioned on either the right or left side, offering maximum installation flexibility.

FIREPROOF ELECTRICAL BOX

Housed in a sealed metal box to prevent the risk of fire in the event of a short circuit.



AUTO DIAGNOSTICS FOR EASIER MAINTENANCE

The unit's display can show an error code in case of malfunction, simplifying fault diagnosis.

WALL-MOUNTED MODEL MONO SPLIT INVERTER **FAST**

THE MONO SPLIT AIR CONDITIONER WITH A CONCEALED DUCTABLE OUTDOOR UNIT.

Heat Pump
Installs with two holes
Programmable remote control
Does not damage the aesthetics
Ideal for historic centers, offices,
and shops
Active filtration



The Mono Split Inverter air conditioner allows you to climate-control domestic spaces up to 100m³ without damaging the aesthetic appearance of your building's exterior. The condensing unit is actually installed inside your building, in any available space.

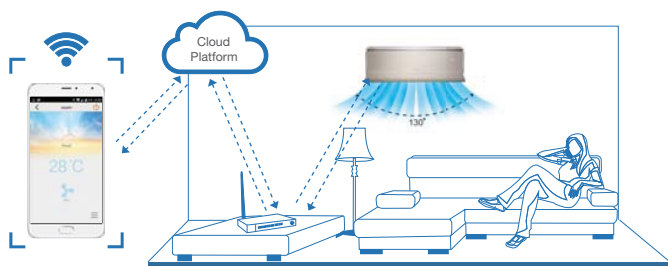
It is connected with two rigid or flexible ducts, allowing it to intake and expel air to the outside. It is traditionally connected to the indo-

or unit like any standard air conditioner. Inside, you can enjoy its power and comfort with operating modes such as heating, cooling, ventilation, and dehumidification.

With its infrared remote control, you can set all configurations and schedule events throughout the 24-hour period. It offers great quietness and the ability to direct the airflow.



OPTIONAL WIFI



Energy label:



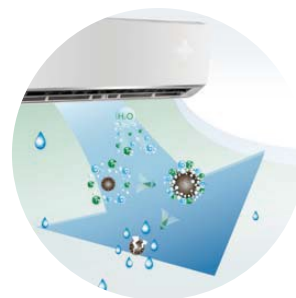
SMALL CHASSIS COMPACT SIZE

ONLY
540 MM
540 MM
300 MM



For the
2.5/3.5/5 kW versions.

COLD PLASMA AIR PURIFICATION SYSTEM



It ensures effective air sterilization and, when treated with FINTEK AEMINA, destroys 99% of bacteria. **It eliminates bad odors and improves air quality by increasing the presence of negative ions.**

SMART AUTOMATIC RESTART



After a power outage, the unit **automatically turns back** on when power is restored, maintaining the previous settings.

LOW STARTING POWER (SOFT START)



The energy consumption at startup is minimized to avoid interference with the use of other household appliances.



MODE
COMFORT SLEEP



PREVENTION
COLD AIR



LED



TIMER



DEFROST
SMART



X-FAN



FUNCTION
"TURBO"



SELF-DIAGNOSTIC



DE-HUMIDIFICATION



AUTO RESTART
MEMORY



SINGLE/MULTI
COMPATIBLE



MIN. TEMP.
HOT



MIN. TEMP.
COLD



8°C
HEATING



IFEEL



SAVINGS
ENERGY



0.5W STANDBY



WI-FI CONTROL



COLD PLASMA



WIRED CONTROLLER
(OPTIONAL)



DOOR CONTROL
(OPTIONAL)

Condensing unit			FH209SF	FH209HP	FH2012SF	FH2012HP
FAST wall model			MIW9000 FA	MIW9000 FA	MIW12000 FA	MIW12000 FA
MD box code			MSAGXAU-09HRDN8	MSAGXAU-09HRDN8	MSAGXAU-12HRDN8	MSAGXAU-12HRDN8
EASY wall model			MIW9000 ES	MIW9000 ES	MIW12000 ES	MIW12000 ES
MD box code			MSAGBU-09HRDN8	MSAGBU-09HRDN8	MSAGBU-12HRDN8	MSAGBU-12HRDN8
Electrical supply U.I.			Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
H2O power supply			Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Available capacity	Min. Nom. Max	0.91 - 3,10 - 3.22	0.91 - 3,10 - 3.22	1.11 - 4.52 - 4.80	1.11 - 4.52 - 4.80
	Absorbed electrical power	W (Min - Nom - Max)	100 - 516 - 1240	100 - 516 - 1240	130 - 760 - 1582	130 - 760 - 1582
	Current	A (Nom)	2,35	2,35	3,45	3,45
	Design load (PdesignC)	KW	3,1	3,1	4,5	4,5
	SEER		6	6	6	6
	Energy efficiency class		A+++	A+++	A+++	A+++
	Annual energy consumption	KWh/A	156	156	211	211
heating	Available capacity	KW (Min - Nom - Max)		0.82 - 2.93 - 3.37		1.08 - 4.1 - 4.22
	Absorbed electrical power	W (Min - Nom - Max)		100 - 583 - 1200		120 - 850 - 1580
	Current	A (Nom)		2,6		3,9
	Design load (PdesignH)	KW		2,9		4,1
	SCOP	Low/Mid/High Season		5.1		4,9
	Energy efficiency class			A+++		A+++
	Annual energy consumption	KWh/A (Mid. - Hot Season)		714 - 910		686 - 945
Energy efficiency	E.E.R. / C.O.P.	W/W	6	6 / 5,1	6	6 / 4.9
EASY internal unit	Dimensions (W-D-H)	mm	835 - 205 - 295	835 - 205 - 295	835 - 205 - 295	835 - 205 - 295
	Net weight	Kg	8	8	8	8
	Packaging dimensions (W-D-H)	mm	870 - 285 - 360	870 - 285 - 360	870 - 285 - 360	870 - 285 - 360
	Gross weight	Kg	10	10	10	10
	Airflow rate (Min - Mid - Max)	m³/min	5.6 - 7.7 - 8.7	5.6 - 7.7 - 8.7	6.0 - 8.3 - 10.0	6.0 - 8.3 - 10.0
	Sound pressure level (Silent - Min - Med - Max)	dB(A)	21 - 26 - 30 - 36	21 - 26 - 30 - 36	21 - 26 - 30 - 36	21 - 26 - 30 - 36
	Sound power level (Max)	dB(A)	53	53	53	53
FAST internal unit	Dimensions (W-D-H)	mm	790-291-210	790-291-210	835 - 205 - 295	835 - 205 - 295
	Net weight	Kg	8	8	8	8
	Packaging dimensions (W-D-H)	mm	870 - 285 - 360	870 - 285 - 360	870 - 285 - 360	870 - 285 - 360
	Gross weight	Kg	10	10	10	10
	Airflow rate (Min - Mid - Max)	m³/min	5.6 - 7.7 - 8.7	5.6 - 7.7 - 8.7	6.0 - 8.3 - 10.0	6.0 - 8.3 - 10.0
	Sound pressure level (Silent - Min - Med - Max)	dB(A)	21 - 26 - 30 - 36	21 - 26 - 30 - 36	21 - 26 - 30 - 36	21 - 26 - 30 - 36
	Sound power level (Max)	dB(A)	53	53	53	53
H2O(h2o condensing unit)	Dimensions (W × D × H)	mm	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300
	Net weight	Kg	30	30	31	31
	Sound pressure level (Max)	dB(A)	45	45	45	45
	Sound power level (Max)	dB(A)	50	50	50	50
	Water inlet connection	mm	3/4 Female	3/4 Female	3/4 Female	3/4 Female
	Water outlet connection	mm	1/2 Female	1/2 Female	1/2 Female	1/2 Female
	Water consumption (Min - Max)	portata H2O fisso LT/min	2,5	2,5	2,7	2,7
	Water consumption (Min - Max)	Portata fissa freddo/caldo Lt/min	nd	2,3 - 3,1	nd	2,5 - 3,2
	Water consumption (Min - Max)	Con WATER SAVER SYSTEM	nd	0,75- 3,55	nd	0,75- 3,6
	Water consumption (Min - Max)	KUBORING	0-1	0-1	0-1,5	0-1,5
	Heat exchanger type	Tipo	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
Dimensions and limitations of the refrigeration circuit	Liquid line piping	mm - inch	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4
	Gas line piping	mm - inch	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
	Maximum precharged piping length (Precharge)	mt	5	5	5	5
	Maximum piping length	max	25	25	25	25
	Additional refrigerant charge	gr/mt	12	12	12	12
	Maximum height difference	max	10	10	10	10
Refrigerant	Refrigerant type		R32	R32	R32	R32
	GWP		675	675	675	675
	Precharged refrigerant quantity	Kg	0.5	0.5	0.5	0.5
	Test pressure (High / Low side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Electrical connections	Main electrical power supply		Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
	Indoor / outdoor unit connections	N° Conduttori	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Maximum absorbed electrical power	W	2150	2150	2150	2150
	Maximum current	A	9.8	9.8	9.8	9.8
Operating limits	Maximum inlet water temperature	Raffr (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°
		Risc (Min - Max) °C		10° - 30°		10° - 30°

Condensing unit			FH2012HT	FH2018SF	FH2018HP
FAST wall model			MIW12000 FA	MIW18000 FA	MIW18000 FA
MD box code			MSAGXAU-12HRDN8	MSAGXAU-18HRDN8	MSAGXAU-18HRDN8
EASY wall model			MIW12000 ES	MIW18000 ES	MIW18000 ES
MD box code			MSAGBU-12HRDN8	MSAGBU-18HRDN8	MSAGBU-18HRDN8
Electrical supply U.I.			Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
H2O power supply			Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Available capacity	Min. Nom. Max	1.11 - 4.52 - 4.80	1.91 - 5.28 - 6.14	1.91 - 5.28 - 6.14
	Absorbed electrical power	W (Min - Nom - Max)	130 - 760 - 1582	650 - 956 - 2068	650 - 956 - 2068
	Current	A (Nom)	3,45	4,3	4,3
	Design load (PdesignC)	KW	4,5	5,3	5,3
	SEER		6	6	6,1
	Energy efficiency class		A+++	A+++	A+++
	Annual energy consumption	KWh/A	211	276	276
heating	Available capacity	KW (Min - Nom - Max)	1.08 - 4.31 - 4.52		1.40 - 5.57 - 5.89
	Absorbed electrical power	W (Min - Nom - Max)	120 - 840 - 1580		254 - 1000 - 2320
	Current	A (Nom)	3,9		4,3
	Design load (PdesignH)	KW	4,31		5,57
	SCOP	Low/Mid/High Season	5,1		5,3
	Energy efficiency class		A+++		A++
	Annual energy consumption	KWh/A (Mid. - Hot Season)	686 - 945		900
Energy efficiency	E.E.R. / C.O.P.	W/W	6 / 5,1	5,8	5,8/5,57
EASY internal unit	Dimensions (W-D-H)	mm	835 - 205 - 295	969 - 241 - 320	969 - 241 - 320
	Net weight	Kg	8	10	10
	Packaging dimensions (W-D-H)	mm	870 - 285 - 360	1035 - 305 - 380	1035 - 305 - 380
	Gross weight	Kg	10	13	13
	Airflow rate (Min - Mid - Max)	m³/min	6.0 - 8.3 - 10.0	9.2 - 10.8 - 14.3	9.2 - 10.8 - 14.3
	Sound pressure level (Silent - Min - Med - Max)	dB(A)	21 - 26 - 30 - 36	22 - 30 - 36 - 43	22 - 30 - 36 - 43
	Sound power level (Max)	dB(A)	53	55	55
FAST internal unit	Dimensions (W-D-H)	mm	835 - 205 - 295	958 - 223 - 302	958 - 223 - 302
	Net weight	Kg	8	10	10
	Packaging dimensions (W-D-H)	mm	870 - 285 - 360	969 - 241 - 320	969 - 241 - 320
	Gross weight	Kg	10	13	13
	Airflow rate (Min - Mid - Max)	m³/min	6.0 - 8.3 - 10.0	9.2 - 10.8 - 14.3	9.2 - 10.8 - 14.3
	Sound pressure level (Silent - Min - Med - Max)	dB(A)	21 - 26 - 30 - 36	22 - 30 - 36 - 43	22 - 30 - 36 - 43
	Sound power level (Max)	dB(A)	53	55	55
H2O(h2o condensing unit)	Dimensions (W × D × H)	mm	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300
	Net weight	Kg	31	37	37
	Sound pressure level (Max)	dB(A)	45	45	45
	Sound power level (Max)	dB(A)	50	50	50
	Water inlet connection	mm	3/4 Female	3/4 Female	3/4 Female
	Water outlet connection	mm	1/2 Female	1/2 Female	1/2 Female
	Water consumption (Min - Max)	portata H2O fisso LT/min		3.5	3.5
	Water consumption (Min - Max)	Portata fissa freddo/caldo Lt/min	2,5 - 3,2		2,5 - 3,5
	Water consumption (Min - Max)	Con WATER SAVER SYSTEM	0,75- 3,6		0,75- 5,5
	Water consumption (Min - Max)	KUBORING	0- 1,5	0- 2	0- 2
	Heat exchanger type	Tipo	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
Dimensions and limitations of the refrigeration circuit	Liquid line piping	mm - inch	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4
	Gas line piping	mm - inch	9.52 - 3/8	12.7 - 1/2	12.7 - 1/2
	Maximum precharged piping length (Precharge)	mt	5	5	5
	Maximum piping length	max	25	30	30
	Additional refrigerant charge	gr/mt	12	12	12
	Maximum height difference	max	10	20	20
Refrigerant	Refrigerant type		R32	R32	R32
	GWP		675	675	675
	Precharged refrigerant quantity	Kg	0.5	1	1
	Test pressure (High / Low side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Electrical connections	Main electrical power supply		Outdoor Unit	Outdoor Unit	Outdoor Unit
	Indoor / outdoor unit connections	N° Conduttori	2P + Ground	2P + Ground	2P + Ground
	Maximum absorbed electrical power	W	2150	2950	2950
	Maximum current	A	9.8	13.5	13.5
Operating limits	Maximum inlet water temperature	Raffr (Min - Max) °C	8°-27°	8°-27°	8°-27°
		Risc (Min - Max) °C	10° - 30°	10° - 30°	10° - 30°

FH2018HT	FH2024SF	FH2024HP	FH2024HT
MIW18000 FA	MIW24000 FA	MIW24000 FA	MIW24000 FA
MSAGXAU-18HRDN8	MSAGXAU-24HRDN8	MSAGXAU-24HRDN8	MSAGXAU-24HRDN8
MIW18000 ES	MIW24000 ES	MIW24000 ES	MIW24000 ES
MSAGBU-18HRDN8	MSAGBU-24HRDN8	MSAGBU-24HRDN8	MSAGBU-24HRDN8
1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
1.91 - 5.28 - 6.14	2.65 - 7.03 - 8.25	2.65 - 7.03 - 8.25	2.65 - 7.03 - 8.25
650 - 930 - 2068	946 - 1414 - 3507	946 - 1414 - 3507	946 - 1414 - 3507
4,2	6,4	6,4	6,4
5,3	7	7	7
6	6	6	6
A+++	A+++	A+++	A+++
270	402	402	402
1.40 - 5.57 - 5.89		2.92 - 7.00 - 8.53	2.92 - 7.33 - 8.53
250 - 950 - 2068		1004 - 1400 - 3072	1004 - 1373- 3072
4,3		6,76	6,53
5,57		7	7
5,3		5	5,1
A+++		A++	A+++
890		1645	1645 -1896
5,8/5,86	5	5/5	5/5,1
969 - 241 - 320	1083 - 235 - 336	1083 - 235 - 336	1083 - 235 - 336
10	13	13	13
1035 - 305 - 380	1120 - 405 - 330	1120 - 405 - 330	1120 - 405 - 330
13	16	16	16
9.2 - 10.8 - 14.3	11.7 - 14.3 - 17.5	11.7 - 14.3 - 17.5	11.7 - 14.3 - 17.5
22 - 30 - 36 - 43	22 - 30 - 36 - 43	22 - 30 - 36 - 43	22 - 30 - 36 - 43
55	56	56	56
958 - 223 - 302	1038 - 235 - 325	1038 - 235 - 325	1038 - 235 - 325
10	13	13	13
969 - 241 - 320	1083 - 235 - 336	1083 - 235 - 336	1083 - 235 - 336
13	16	16	16
9.2 - 10.8 - 14.3	11.7 - 14.3 - 17.5	11.7 - 14.3 - 17.5	11.7 - 14.3 - 17.5
22 - 30 - 36 - 43	22 - 30 - 36 - 43	22 - 30 - 36 - 43	22 - 30 - 36 - 43
55	56	56	56
540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	956x810x453
37	53	53	53
45	45	45	45
50	50	50	50
3/4 Female	3/4 Female	3/4 Female	3/4 Female
1/2 Female	1/2 Female	1/2 Female	1/2 Female
3.5	5,8	5,8	5,8
2,5 - 3,5		4,5 - 5,8	4,5 - 5,8
0,75- 5,5	0,80 - 6,20	0,80 - 6,20	0,80 - 6,20
0- 2	0 -4	0 -4	0 -4
pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
6.35 - 1/4	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
12.7 - 1/2	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8
5	5	5	5
30	50	50	50
12	24	24	24
20	25	25	25
R32	R32	R32	R32
675	675	675	675
1	1.6	1.6	1.6
4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
2P + Ground	2P + Ground	2P + Ground	2P + Ground
2950	3850	3850	3850
13.5	19	19	19
8°-27°	8°-27°	8°-27°	8°-27°
10° - 30°	10° - 30°	10° - 30°	10° - 30°

VERSATILITY OF FINTEK MULTI-SPLIT COMPATIBLE WITH ANY TYPE OF INDOOR UNIT



2 IN 1



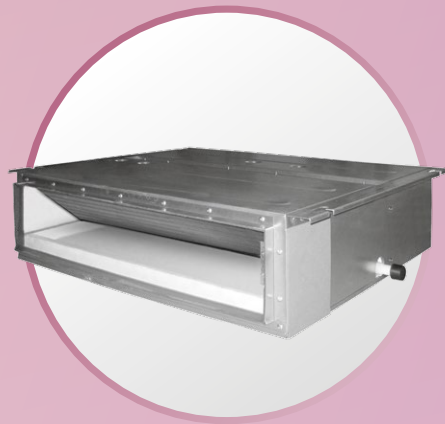
3-4-5



VRF



CASSETTE



DUCTED



**DUCTED
FLOOR**



CONSOLE



mod. **Easy**



mod. **Fast**

WALL MOUNTED

MULTISPLIT			FH2O216SF	FH2O216HT	FH2O220SF	FH2O220HT FH2O320HT	FH2O224SF	FH2O224HP	FH2O224HT
Electrical power supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz2	1F - 220/240V 50Hz2	1F - 220/240V 50Hz3	1F - 220/240V 50Hz3	1F - 220/240V 50Hz3
Cooling	Capacity	Min. Nom. Max	1.44 - 4.80 - 5.80	1.44 - 4.80 - 5.80	2.05 - 5.68 - .70	2.05 - 5.68 - .70	2.1 - 7,15 - 7.55	2.1 - 7,15 - 7.55	2.1 - 7,15 - 7.55
	Absorbed electrical power	W (Min - Nom - Max)	620 - 900 - 1680	620 - 800 - 1680	650 - 1065 - 2068	650 - 960 - 1900	650 - 1320 - 2200	650 - 1320 - 2200	650 - 1320 - 2200
	Current	A (Nom)	4,1	3,7	4,8	4,36	6	6	6
	Design load (PdesignC)	KW	4,8	4,8	5,3	5,6	7	7	7,1
	SEER		5,33	6	5,3	6	5,4	6,9	6,9
	Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Annual energy consumption	KWh/A	211	211	304	304	328	328	328
Heating	Capacity	KW (Min - Nom - Max*)		1,61-4,40-4,69		1.34 - 5.57 - 7.24		1.84 - 6,0, - 7.00	1.84 - 6,67 - 7.44
	Absorbed electrical power	W (Min - Nom - Max*)		220-930-1650		254 - 1138 - 1670		284 - 1200 - 1970	284 - 1207 - 1970
	Current	A (Nom)		4,25		5,16		6,8	6
	Design load (PdesignH)	KW		4,4		5,4		6	6,5
	SCOP	Low/Mid/high Season		4,7		4,9		5	5,1
	Energy efficiency class			A+		A+		A+	A+
	Annual energy consumption	KWh/A (Mid. Season)		1295		1537		1890	1890
Efficiency	Energy efficiency	E.E.R. / C.O.P.	5,33	6/4,7	5,33	6/4,4,9	5,4	5,4/5,1	5,4/5,1
H2O (condensing unit)	Dimensions (Length-Height-Width)	mm	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	956x810x453
	Gross weight	Kg	34	34	36	36	58	58	58
	Sound pressure level*	dB(A)	41	41	41	41	40	40	40
	Sound power level*	dB(A)	50	50	51	51	48	48	48
	Water inlet diameter	inch	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female
	Water outlet diameter	inch	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female
	Water consumption min-max	portata H20 fisso LT/ min	3.3 -	3.3 -	3.5	3.5	5,8	5,8	5,8
	Water consumption min-max	Portata fissa freddo/ caldo Lt /min		2,5 - 3,5		2,5 - 3,5		4,5 - 5,80	4,5 - 5,80
	Water consumption min-max	Con WATER SAVER SYSTEM	0,75- 5,5	0,75- 5,5	0,75- 5,5	0,75- 5,5	0,80. - 6,20	0,80. - 6,20	0,80. - 6,20
	Water consumption min-max	KUBORING	0 - 1,8	0 - 1,8	0- 2	0- 2	0-2,2	0-2,2	0-2,2
Dimensions and limitations of the refrigeration circuit	Heat exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
	Liquid line piping	mm - inch	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2
	Gas line piping	mm - inch	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2	6.35*2 - 1/4*2
	Piping length (Precharge)	mt	10	10	15	15	15	15	15
	Minimum single line length	mt	3	3	3	3	3	3	3
	Maximum total line length	mt	40	40	40	40	52	52	52
	Maximum single line length	mt	25	25	25	25	30	30	30
	Additional refrigerant charge	gr/mt	12	12	12	12	12	12	12
	Height difference	max mt	15	15	15	15	15	15	15
Refrigerant fluid	Refrigerant type		R32	R32	R32	R32	R32	R32	R32
	GWP		675	675	675	675	675	675	675
	Precharged quantity	Kg	1,1	1,1	1,125	1,125	1,5	1,5	1,5
	Test pressure (high/low side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
	Main power supply		Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Electrical connections	Indoor / outdoor unit cable connection		3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground
	Maximum absorbed electrical power	W	2850	2850	2150	2150	3300	3300	3300
	Maximum current	A	12.4	12.4	9.8	9.8	14.3	14.3	14.3
Operating limits	Water temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C		10° - 30°		10° - 30°		14° - 30°	10° - 30°

* - 5dB with insulation panel

**water saving kit available to save from 30 to 45% on water consumption in cooling

Performances referred to the following conditions: Internal unit temperature test conditions: Cooling: int. 27°C D.B. Heating: internal 20°C D.B. . COP: 100% capacity with 15°C inlet / 30°C outlet; EER: 100% capacity with 10°C inlet / 7°C outlet. Water flow rate with mains water at the following temperatures: Summer 15°C inlet / 40°C outlet; Winter 15°C entry / 4°C exit.

FH2O324SF	FH2O324HP	FH2O324HT	FH2O327SF	FH2O327HT	FH2O428SF	FH2O428HT	FH2O436SF	FH2O436HT	FH2O542SF	FH2O542HT
1F - 220/240V 50Hz3	1F - 220/240V 50Hz3	1F - 220/240V 50Hz3	1F - 220/240V 50Hz6	1F - 220/240V 50Hz6	1F - 220/240V 50Hz7	1F - 220/240V 50Hz7	1F - 220/240V 50Hz8	1F - 220/240V 50Hz8	1F - 220/240V 50Hz9	1F - 220/240V 50Hz9
2.1 - 7,15 - 7.55	2.1 - 7,15 - 7.55	2.1 - 7,15 - 7.55	2.85 - 7.91 - 8.50	2.85 - 7.91 - 8.50	2.05 - 8.28 - 10.04	2.05 - 8.28 - 10.04	2.05 - 10.55 - 10.59	2.05 - 10.55 - 10.59	2.05 - 12.80 - 14.15	2.05 - 12.80 - 14.15
650 - 1320 - 2200	650 - 1320 - 2200	650 - 1320 - 2200	240 - 1370 - 2220	240 - 1370 - 2220	250-1480-3450	250-1480-3450	733 - 1758 - 4936	733 - 1758 - 4936	946 - 2130 - 4600	946 - 2560 - 4600
6	6	6	6,23	6,23	6,73	6,73	8	8	9,7	9,7
7	7	7,1	7.9	7.9	8.2	8.2	10.6	10.6	12,8	12,8
5,4	6,9	6,9	5,77	5,8	5,6	5,6	6	6	6	6
A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
328	328	328	453	453	399	399	565	565	710	710
	1.84 - 6,0 - 7.00	1.84 - 6,67 - 7.44	1.99 - 8.21 - 8.5		2.34 - 8.79 - 10.55		3.60 - 10.79 - 11.55		3.60 - 12.39 - 14.80	
	284 - 1200 - 1970	284 - 1207 - 1970	320 - 1600 - 2840		840 - 1670 - 2600		781 - 2075 - 3999		1004 - 2380 - 4250	
	6,8	6	8,18		8,5		8,43		10,83	
	6	6,5	8,2		8,8		10,79		12,3	
	5	5,1	5,1		5,3		5,2		5,2	
	A+	A+	A+		A+		A+		A	
	1890	1890	1993		2275		3226		3500	
	5,4	5,4/5,1	5,4/5,1	5,77	5,8/5,1	5,59	5,59 / 5,27	6/5,2	6	6/5,2
	540 - 540 - 300	540 - 540 - 300	956x810x453	956x810x453	956x810x453	956x810x453	956x810x453	956x810x453	956x810x453	956x810x453
	58	58	58	52	52	67,7	67,7	75,6	75,6	79,5
40	40	40	40	40	42	42	42	42	42	
48	48	48	48	48	-	-	-	-	-	-
3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female	3/4" Female
1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female	1/2" Female
5,8	5,8	5,8	6,1	6,1	6,3	6,3	9	9	12	12
	4,5 - 5,80	4,5 - 5,80	5 - 7,1	5 - 7,1	5,5 - 7,9	5,5 - 7,9	7,2 - 9	7,2 - 9	09-dic	09-dic
0,80 - 6,20	0,80 - 6,20	0,80 - 6,20	1 - 7,5	1 - 7,5	1 - 8,2	1 - 8,2	1 - 8,5	1 - 8,5	1,5 - 12	1,5 - 12
0-4	0-4	0-4	0-4,5	0-4,5	0-5,2	0-5,2	0- 6,4	0- 6,4	0- 7	0- 7
pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*4 - 1/4*4	6.35*4 - 1/4*4	6.35*4 - 1/4*4	6.35*4 - 1/4*4	6.35*5 - 1/4*5	6.35*5 - 1/4*5
6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*3 - 1/4*3	6.35*3 - 1/4*3	(6.35*3 - 1/4*3) + (12.7*1 - 1/2*1)	(6.35*3 - 1/4*3) + (12.7*1 - 1/2*1)	(6.35*3 - 1/4*3) + (12.7*1 - 1/2*1)	(6.35*3 - 1/4*3) + (12.7*1 - 1/2*1)	(6.35*3 - 1/4*4) + (12.7*1 - 1/2*1)	(6.35*3 - 1/4*4) + (12.7*1 - 1/2*1)
15	15	15	20	20	22	22	30	30	35	35
3	3	3	3	3	3	3	3	3	3	3
52	52	52	60	60	60	60	80	80	80	80
30	30	30	30	30	35	35	35	35	35	35
12	12	12	dic-24	dic-24	24	24	24	24	24	24
15	15	15	15	15	15	15	15	15	15	15
R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
675	675	675	675	675	675	675	675	675	675	675
1,5	1,5	1,5	1,85	1,85	2,1	2,1	2,1	2,1	2,9	2,9
4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground	3P + Ground
3300	3300	3300	3600	3600	4150	4150	4600	4600	4700	4700
14.3	14.3	14.3	15.7	15.7	18	18	20	20	20.5	20.5
8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°	8°-27°
	14° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°

COMBINATION TABLE

	INDOOR UNIT	Dual 4.0 kW	Dual 5.3 kW	DUAL / trial 6.1 kW	Trial 7.8 kW	Quadri 8.0 kW	Quadri 10.5 kW	Penta 12.5 kW	Quadri 7.8 Kw
INDOOR UNIT	Model	FH20216	FH20220	FH20224 FH20324	FH20327	FH20428	FH20436	FH20542	FH20427RC
Version EASY	MIW9000FA-MSAGBU09HRFN8	•	•	•	•	•	•	•	
	MIW12000FA-MSAGBU12HRFN8	•	•	•	•	•	•	•	
	MIW18000FA-MSAGBU18HRFN8		•	•	•	•	•	•	
	MIW24000FA-MSAGBU24HRFN8						•	•	
Version FAST	MIW7000FA-MSAGXAU07HRDN8	•	•	•	•	•	•	•	
	MIW9000FA-MSAGXAU09HRDN8	•	•	•	•	•	•	•	
	MIW12000FA-MSAGXAU12HRDN8	•	•	•	•	•	•	•	
	MIW18000FA-MSAGXAU18HRFN8		•	•	•	•	•	•	
	MIW24000FA-MSAGXAU24HRFN8						•	•	
Cassette 4 vie	MICA09BB-MCA3U-09HRFNX(GA)	•	•	•	•	•	•	•	
	MICA12BB-MCA3U12HRFNX(GA)	•	•	•	•	•	•	•	
	MICA18BB-MCA3U18HRFNX(GA)		•	•	•	•	•	•	
Ductable horizontal	MICK07DK-MTIU-07HWFNX(GA)	•	•	•	•	•	•	•	
	MICK09DK-MTIU-09HWFNX(GA)	•	•	•	•	•	•	•	
	MICK12DK-MTIU-12HWFNX(GA)	•	•	•	•	•	•	•	
	MICK18DK-MTIU-18HWFNX(GA)		•	•	•	•	•	•	
Ductable vertical	MICK18DK V - KPC 52		•	•	•	•	•	•	
	MICK24 DK V - KPC 71		•	•	•	•	•	•	
Convertible	MIPS18FC-MUEU18HRFNX(GA)	•	•	•	•	•	•		
Console	MICOH09AA-MFA2U-09HRFNX(GA)	•	•	•	•	•	•	•	
	MICOH12AA-MFA2U-12HRFNX(GA)	•	•	•	•	•	•	•	
	MICOH18AA-MFA2U-17HRFNX(GA)	•	•	•	•	•	•	•	
Hydro Multi	MZAU-42HWFN8						•		
CirQHP (DHW storage)	PLSX-190(30)/DN8-A								•

RESIDENTIAL MULTI SPLIT EXTERNAL UNITS



SERIES	PRODUCT APPEARANCE	4.1 KW	5.3 KW	6.1 KW	7.9 KW	8.2 KW	10.5 KW	12.5 KW
DUAL		•	•					
TRIAL				•	•			
QUADRI						•	•	
PENTA								•

RESIDENTIAL MULTI SPLIT INDOOR UNITS



SERIES	PRODUCT APPEARANCE	2.0 KW	2.7 KW	3.5 KW	5.3 KW	7.0 KW	12.0 KW
EASY			•	•	•	•	
FAST		•	•	•	•	•	
CASSETTE 4 WAY COMPACT				•	•		
DUCTABLE		•	•	•	•	•	
CONSOLE			•	•	•		
FLOOR CEILING					•		
HYDRO KIT							•

MULTI COMBINATION TABLE

MODEL	Capacity indices Indoor units					EER	COP	65% tax deduction	Thermal Account 2.0
FH20216 HP	7	7	-	-	-	3,23	3,71	•	•
	7	9	-	-	-	3,23	3,71	•	•
	7	12	-	-	-	3,23	3,71	•	•
	9	9	-	-	-	3,23	3,71	•	•
	9	12	-	-	-	3,23	3,71	•	•
FH202220 HP	7	7	-	-	-	3,23	3,71	•	•
	7	9	-	-	-	3,23	3,71	•	•
	7	12	-	-	-	3,23	3,71	•	•
	7	18	-	-	-	3,23	3,71	•	•
	9	9	-	-	-	3,23	3,71	•	•
	9	12	-	-	-	3,23	3,71	•	•
	9	18	-	-	-	3,23	3,71	•	•
FH20224/324 HP	12	12	-	-	-	3,23	3,71	•	•
	7	7	-	-	-	3,23	3,71	•	•
	7	9	-	-	-	3,23	3,71	•	•
	7	12	-	-	-	3,23	3,71	•	•
	7	18	-	-	-	3,23	3,71	•	•
	9	9	-	-	-	3,23	3,71	•	•
	9	12	-	-	-	3,23	3,71	•	•
	9	18	-	-	-	3,24	3,71	•	•
	12	12	-	-	-	3,23	3,71	•	•
	7	7	7	-	-	3,23	3,71	•	•
	7	7	9	-	-	3,23	3,71	•	•
	7	7	12	-	-	3,23	3,71	•	•
	7	9	9	-	-	3,23	3,71	•	•
	7	9	12	-	-	3,23	3,71	•	•
	9	9	9	-	-	3,23	3,71	•	•
	9	9	12	-	-	3,23	3,71	•	•
FH20 327 HP	7	7	-	-	-	3,23	3,71	•	•
	7	9	-	-	-	3,23	3,71	•	•
	7	12	-	-	-	3,23	3,71	•	•
	7	18	-	-	-	3,23	3,71	•	•
	9	9	-	-	-	3,23	3,71	•	•
	9	12	-	-	-	3,23	3,71	•	•
	9	18	-	-	-	3,25	3,71	•	•
	12	12	-	-	-	3,24	3,71	•	•
	12	18	-	-	-	3,25	3,71	•	•
	7	7	7	-	-	3,23	3,71	•	•
	7	7	9	-	-	3,23	3,71	•	•
	7	7	12	-	-	3,23	3,71	•	•
	7	7	18	-	-	3,23	3,71	•	•
	7	9	9	-	-	3,23	3,71	•	•
	7	9	12	-	-	3,23	3,71	•	•
	7	9	18	-	-	3,23	3,71	•	•
	7	12	12	-	-	3,23	3,71	•	•
	9	9	9	-	-	3,23	3,71	•	•
	9	9	12	-	-	3,23	3,71	•	•
	9	9	12	-	-	3,23	3,71	•	•
	12	12	12	-	-	3,23	3,71	•	•
FH20 428 HP	7	7	-	-	-	3,23	3,81	•	•
	7	9	-	-	-	3,23	3,81	•	•
	7	12	-	-	-	3,23	3,81	•	•
	7	18	-	-	-	3,23	3,85	•	•
	9	9	-	-	-	3,23	3,81	•	•
	9	12	-	-	-	3,23	3,81	•	•
	9	18	-	-	-	3,23	3,85	•	•
	12	12	-	-	-	3,23	3,81	•	•
	12	18	-	-	-	3,23	3,85	•	•
	18	18	-	-	-	3,23	3,85	•	•
	7	7	7	-	-	3,23	3,71	•	•
	7	7	9	-	-	3,23	3,71	•	•
	7	7	12	-	-	3,23	3,71	•	•
	7	7	18	-	-	3,23	3,71	•	•
	7	9	9	-	-	3,23	3,71	•	•
	7	9	12	-	-	3,23	3,71	•	•
	7	9	18	-	-	3,23	3,71	•	•
	7	12	12	-	-	3,23	3,71	•	•
	7	12	18	-	-	3,23	3,71	•	•
	9	9	9	-	-	3,23	3,71	•	•
	9	9	12	-	-	3,23	3,71	•	•
	9	9	18	-	-	3,23	3,71	•	•
	9	12	12	-	-	3,23	3,71	•	•
	9	12	18	-	-	3,23	3,71	•	•
	12	12	12	-	-	3,23	3,71	•	•
	7	7	7	7	-	3,23	3,71	•	•
	7	7	7	9	-	3,23	3,71	•	•
	7	7	7	12	-	3,23	3,71	•	•
	7	7	7	18	-	3,23	3,71	•	•

MULTI COMBINATION TABLE

MODEL	Capacity indices Indoor units					EER	COP	65% tax deduction	Thermal Account 2.0
FH20 428 HP	7	7	9	9	-	3,23	3,71	•	•
	7	7	9	12	-	3,23	3,71	•	•
	7	7	12	12	-	3,23	3,71	•	•
	7	9	9	9	-	3,23	3,71	•	•
	7	9	9	12	-	3,23	3,71	•	•
	7	9	12	12	-	3,23	3,71	•	•
	9	9	9	9	-	3,23	3,71	•	•
FH20 436HP	9	9	9	12	-	3,23	3,71	•	•
	7	7	-	-	-	3,28	3,71	•	•
	7	9	-	-	-	3,28	3,71	•	•
	7	12	-	-	-	3,28	3,71	•	•
	7	18	-	-	-	3,28	3,71	•	•
	7	24	-	-	-	3,28	3,71	•	•
	9	9	-	-	-	3,28	3,71	•	•
	9	12	-	-	-	3,28	3,71	•	•
	9	18	-	-	-	3,28	3,71	•	•
	9	24	-	-	-	3,28	3,71	•	•
	12	12	-	-	-	3,28	3,71	•	•
	12	18	-	-	-	3,28	3,71	•	•
	12	24	-	-	-	3,24	3,71	•	•
	18	18	-	-	-	3,24	3,71	•	•
	7	7	7	-	-	3,33	3,71	•	•
	7	7	9	-	-	3,28	3,71	•	•
	7	7	12	-	-	3,28	3,71	•	•
	7	7	18	-	-	3,28	3,71	•	•
	7	7	24	-	-	3,24	3,71	•	•
	7	9	9	-	-	3,28	3,71	•	•
	7	9	12	-	-	3,28	3,71	•	•
	7	9	18	-	-	3,24	3,71	•	•
	7	9	24	-	-	3,24	3,71	•	•
	7	12	12	-	-	3,24	3,71	•	•
	7	12	18	-	-	3,24	3,71	•	•
	7	12	24	-	-	3,24	3,71	•	•
	7	18	18	-	-	3,24	3,71	•	•
	9	9	9	-	-	3,24	3,71	•	•
	9	9	12	-	-	3,24	3,71	•	•
	9	9	18	-	-	3,24	3,71	•	•
	9	9	24	-	-	3,24	3,71	•	•
	9	12	12	-	-	3,24	3,71	•	•
	9	12	18	-	-	3,24	3,71	•	•
	9	12	24	-	-	3,24	3,71	•	•
	9	18	18	-	-	3,24	3,71	•	•
	12	12	12	-	-	3,24	3,71	•	•
	12	12	18	-	-	3,24	3,71	•	•
	12	12	24	-	-	3,24	3,71	•	•
	12	18	18	-	-	3,24	3,71	•	•
	7	7	7	7	-	3,58	3,71	•	•
	7	7	7	9	-	3,44	3,71	•	•
	7	7	7	12	-	3,32	3,71	•	•
	7	7	7	18	-	3,23	3,71	•	•
	7	7	7	24	-	3,23	3,71	•	•
	7	7	9	9	-	3,32	3,71	•	•
	7	7	9	12	-	3,24	3,71	•	•
	7	7	9	18	-	3,23	3,71	•	•
	7	7	9	24	-	3,23	3,71	•	•
	7	7	12	12	-	3,23	3,71	•	•
	7	7	12	18	-	3,23	3,71	•	•
	7	7	18	18	-	3,23	3,71	•	•
	7	9	9	9	-	3,25	3,71	•	•
	7	9	9	12	-	3,23	3,71	•	•
	7	9	9	18	-	3,23	3,71	•	•
	7	9	9	24	-	3,23	3,71	•	•
	7	9	12	12	-	3,23	3,71	•	•
	7	9	12	18	-	3,23	3,71	•	•
	7	9	18	18	-	3,23	3,71	•	•
	7	12	12	12	-	3,23	3,71	•	•
	7	12	12	18	-	3,23	3,71	•	•
	9	9	9	9	-	3,23	3,71	•	•
	9	9	9	12	-	3,23	3,71	•	•
	9	9	9	18	-	3,23	3,71	•	•
	9	9	12	12	-	3,23	3,71	•	•
	9	9	12	18	-	3,23	3,71	•	•
	9	12	12	12	-	3,23	3,71	•	•
	9	12	12	18	-	3,23	3,71	•	•
	12	12	12	12	-	3,23	3,71	•	•

I valori di E.E.R. e C.O.P. della linea multi sono stati determinati sulla base del Modello di riferimento Xtreme.

MULTI COMBINATION TABLE

MODEL	Capacity indices Indoor units					EER	COP	65% tax deduction	Thermal Account 2.0
FH20 542HP	7	7	-	-	-	3,16	3,80		•
	7	9	-	-	-	3,14	3,80		•
	7	12	-	-	-	3,12	3,80		•
	7	18	-	-	-	3,06	3,80		•
	7	24	-	-	-	3,01	3,80		•
	9	9	-	-	-	3,12	3,80		•
	9	12	-	-	-	3,10	3,80		•
	9	18	-	-	-	3,04	3,80		•
	9	24	-	-	-	2,99	3,80		•
	12	12	-	-	-	3,07	3,80		•
	12	18	-	-	-	3,02	3,80		•
	12	24	-	-	-	2,97	3,80		•
	18	18	-	-	-	2,96	3,80		•
	18	24	-	-	-	2,96	3,82		•
	7	7	7	-	-	3,10	3,85		•
	7	7	9	-	-	3,08	3,85		•
	7	7	12	-	-	3,06	3,85		•
	7	7	18	-	-	3,00	3,85		•
	7	7	24	-	-	2,95	3,85		•
	7	9	9	-	-	3,06	3,85		•
	7	9	12	-	-	3,04	3,85		•
	7	9	18	-	-	2,98	3,85		•
	7	9	24	-	-	2,93	3,85		•
	7	12	12	-	-	3,01	3,85		•
	7	12	18	-	-	2,96	3,85		•
	7	12	24	-	-	2,91	3,85		•
	7	18	18	-	-	2,90	3,85		•
	9	9	9	-	-	3,05	3,85		•
	9	9	12	-	-	3,02	3,85		•
	9	9	18	-	-	2,97	3,85		•
	9	9	24	-	-	2,91	3,85		•
	9	12	12	-	-	2,99	3,85		•
	9	12	18	-	-	2,94	3,85		•
	9	12	24	-	-	2,89	3,85		•
	9	18	18	-	-	2,89	3,85		•
	12	12	12	-	-	2,97	3,85		•
	12	12	18	-	-	2,91	3,85		•
	12	12	24	-	-	2,89	3,85		•
	12	18	18	-	-	2,89	3,85		•
	12	18	24	-	-	2,89	3,85		•
	18	18	18	-	-	2,89	3,88		•
	7	7	7	7	-	3,04	3,91		•
	7	7	7	9	-	3,02	3,91		•
	7	7	7	12	-	3,00	3,91		•
	7	7	7	18	-	2,94	3,91		•
	7	7	7	24	-	2,89	3,91		•
	7	7	9	9	-	3,00	3,91		•
	7	7	9	12	-	2,98	3,91		•
	7	7	9	18	-	2,92	3,91		•
	7	7	9	24	-	2,89	3,91		•
	7	7	12	12	-	2,95	3,91		•
	7	7	12	18	-	2,90	3,91		•
	7	7	12	24	-	2,89	3,91		•
	7	7	18	18	-	2,89	3,91		•
	7	7	18	24	-	2,89	3,91		•
	7	9	9	9	-	2,99	3,91		•
	7	9	9	12	-	2,96	3,91		•
	7	9	9	18	-	2,91	3,91		•
	7	9	9	24	-	2,89	3,91		•
	7	9	12	12	-	2,93	3,91		•

Valore continua nella pagina successiva ►

MULTI COMBINATION TABLE

MODEL	Capacity indices Indoor units					EER	COP	
FH20 542 HP	7	9	12	18	-	2,89	3,91	•
	7	9	12	24	-	2,89	3,91	•
	7	9	18	18	-	2,89	3,91	•
	7	9	18	24	-	2,91	3,91	•
	7	12	12	12	-	2,91	3,91	•
	7	12	12	18	-	2,89	3,91	•
	7	12	12	24	-	2,89	3,91	•
	7	12	18	18	-	2,89	3,91	•
	9	9	9	9	-	2,97	3,91	•
	9	9	9	12	-	2,94	3,91	•
	9	9	9	18	-	2,89	3,91	•
	9	9	9	24	-	2,89	3,91	•
	9	9	12	12	-	2,91	3,91	•
	9	9	12	18	-	2,89	3,91	•
	9	9	12	24	-	2,89	3,91	•
	9	9	18	18	-	2,89	3,91	•
	9	12	12	12	-	2,89	3,91	•
	9	12	12	18	-	2,89	3,91	•
	9	12	12	24	-	2,89	3,91	•
	9	12	18	18	-	2,89	3,91	•
	12	12	12	12	-	2,89	3,91	•
	12	12	12	18	-	2,89	3,91	•
	7	7	7	7	7	3,23	3,71	•
	7	7	7	7	9	3,23	3,71	•
	7	7	7	7	12	3,23	3,71	•
	7	7	7	7	18	3,23	3,71	•
	7	7	7	7	24	3,23	3,71	•
	7	7	7	9	9	3,23	3,71	•
	7	7	7	9	12	3,23	3,71	•
	7	7	7	9	18	3,23	3,71	•
	7	7	7	9	24	3,23	3,71	•
	7	7	7	12	12	3,23	3,71	•
	7	7	7	12	18	3,23	3,71	•
	7	7	7	12	24	3,23	3,71	•
	7	7	7	18	18	3,23	3,71	•
	7	7	9	9	9	3,23	3,71	•
	7	7	9	9	12	3,23	3,71	•
	7	7	9	9	18	3,23	3,71	•
	7	7	9	9	24	3,23	3,71	•
	7	7	9	12	12	3,23	3,71	•
	7	7	9	12	18	3,23	3,71	•
	7	7	9	18	18	3,23	3,71	•
	7	7	12	12	12	3,23	3,71	•
	7	7	12	12	18	3,23	3,71	•
	7	9	9	9	9	3,23	3,71	•
	7	9	9	9	12	3,23	3,71	•
	7	9	9	9	18	3,23	3,71	•
	7	9	9	9	24	3,23	3,71	•
	7	9	9	12	12	3,23	3,71	•
	7	9	9	12	18	3,23	3,71	•
	7	9	12	12	12	3,23	3,71	•
	9	9	9	9	9	3,23	3,71	•
	9	9	9	9	12	3,23	3,71	•
	9	9	9	9	18	3,23	3,71	•
	9	9	9	12	12	3,23	3,71	•
	9	9	9	12	18	3,23	3,71	•
	9	9	12	12	12	3,23	3,71	•
	9	12	12	12	12	3,23	3,71	•



mod. **Easy**

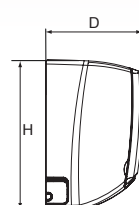
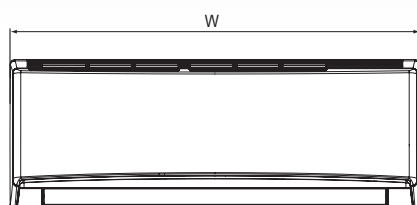
INDOOR UNITS FOR MULTI-SPLIT



Optional



Optional



WIFI INCLUDED

EASY WALL

Fintek code			MIW9000ES	MIW12000ES	MIW18000ES	MIW24000ES
Product Code Box			MSAGBU-09HRFN8/ WR	MSAGBU-12HRFN8/ WR	MSAGCU-18HRFN8/ WR	MSAGDU-24HRFN8/ WR
Electrical supply			F-V-Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz
Cooling	Capacity	kW (Nom)	2,64	3,52	5,28	7,03
Heating	Capacity	kW (Nom)	2,93	3,81	5,57	7,33
Internal Unit	Dimensions (W-D-H)	mm	835-208-295	835-208-295	969-320-241	1083-336-244
	Net weight	Kg	8,7	8,7	11,2	13,6
	Packaging Dimensions (L-W-H)	mm	905-295-335	905-295-335	1045-405-315	1155-415-315
	Gross weight	Kg	11,5	11,5	14,6	17,3
	Air flow (Min-Med-Max)	m3/h	300-360-510	310-370-520	500-600-800	610-770-1090
Connection pipe dimensions	Sound Pressure (Min-Med-Max)	dB(A)	21-22-29-37	21-22-33-38	20-31-37-41	21-34-37-46
	Sound Power (Max)	dB(A)	56	60	56	62
	Liquid side piping	mm	6,35	6,35	6,35	9,52
Electrical data	Gas side piping	mm	9,52	9,52	12,7	15,88
	Maximum Electrical Power Absorption	W	36	36	40	50
Operational Limits	Maximum Current	A	0.2	0.2	0.2	0.2
	Internal temperatures	Raff.(Min-Max) °C B.U.	+16 - +32	+16 - +32	+16 - +32	+16 - +32
		Risc.(Min-Max) °C B.U.	0 - +30	0 - +30	0 - +30	0 - +30



SLEEP COMFORT
MODE



COLD AIR
PREVENTION



LED



TIMER



SMART DEFROST



X-FAN



"TURBO" FUNCTION



SELF DIAGNOSIS



DEHUMIDIFICATION



AUTO RESTART
MEMORY



3D AIRFLOW



SINGLE/MULTI



MIN. TEMP. HOT



MIN. TEMP. COLD



QUIET DESIGN



IFEEL



ENERGY SAVING



COLD PLASMA



WIFI CONTROL



WIRED CONTROLLER
(OPTIONAL)



DOOR CONTROL
(OPTIONAL)



mod. Fast

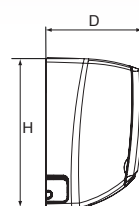
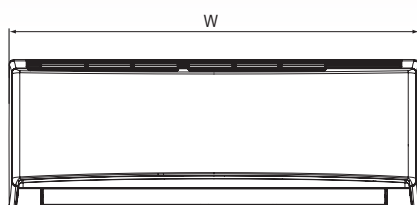
INDOOR UNITS FOR MULTI-SPLIT



Optional



Optional



WIFI OPTIONAL

FAST WALL

Fintek code			MIW7000FA	MIW9000FA	MIW12000FA	MIW18000FA	MIW24000FA
Product code box			MSAGXAU-07HRDN8	MSAGXAU-09HRDN8	MSAGXBU-12HRDN8	MSAGXCU-18HRFN8	MSAGXDU-24HRFN8
Electrical supply			F-V-Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz
Cooling	Capacity	kW (Min-Nom-Max)	2,05	2,64	3,52	5,28	7,03
Heating	Capacity	kW (Min-Nom-Max)	2,34	2,93	3,81	5,57	7,33
Internal Unit	Dimensions (W-D-H)	mm	726-210-291	726-210-291	835-208-295	969-320-241	1083-336-244
	Net weight	Kg	8	8	8,7	11,2	13,6
	Packaging Dimensions (L-W-H)	mm	790-270-375	790-270-375	905-290-355	1045-405-315	1155-415-315
	Gross weight	Kg	10,5	10,5	11,5	14,6	17,3
	Air flow (Min-Med-Max)	m ³ /min	330-460-520	330-460-520	350-400-530	500-600-800	610-770-1090
	Sound Pressure (Si-Min-Med-Max)	dB(A)	20-22-32-37	20-22-32-37	21-22-32-37	20-31-37-41	21-34-37-46
	Sound Power (Min-Med-Max)	dB(A)	54	54	56	56	62
Connection pipe dimensions	Liquid side piping	mm	6,35	6,35	6,35	6,35	9,52
	Gas side piping	mm	9,52	9,52	9,52	12,7	15,88
Electrical Data	Maximum Electrical Power Absorption	W	40	40	40	50	60
	Maximum Current	A	0,2	0,2	0,2	0,2	0,3
Operational Limits	Internal temperatures	Raff.(Min-Max) °C B.U.	+17 - +32	+17 - +32	+17 - +32	+17 - +32	+17 - +32



SLEEP COMFORT MODE



COLD AIR PREVENTION



LED



TIMER



SMART DEFROST



X-FAN



"TURBO" FUNCTION



SELF DIAGNOSIS



DEHUMIDIFICATION



AUTO RESTART MEMORY



3D AIRFLOW



SINGLE/MULTI



MIN. TEMP. HOT



MIN. TEMP. COLD



QUIET DESIGN



IFEEL



ENERGY SAVING



COLD PLASMA



WIFI CONTROL



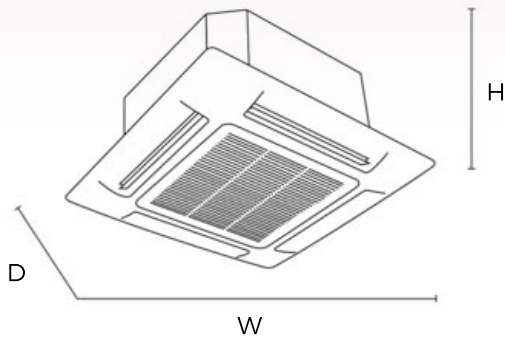
WIRED CONTROLLER (OPTIONAL)



DOOR CONTROL (OPTIONAL)



CASSETTE



WIFI OPTIONAL



Optional



Optional

Fintek code	CASSETTES		MICA09BB	MICA12BB	MICA18BB
Product code Box	CASSETTES		MCA3U-09HR-FNX(GA)	MCA3U-12HRFNX(-GA)	MCA3U-18HRFNX(-GA)
Electrical supply		F-V-Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz
Cooling	Capacity	kW (Nom)	2,63	3,52	5,28
Heating	Capacity	kW (Nom)	2,93	3,81	5,57
Internal Unit	Dimensions (W-D-H)	mm	570-570-260	570-570-260	570-570-260
	Net weight	Kg	16,3	16,3	16,3
	Packaging Dimensions (L-W-H)	mm	670-670-325	670-670-325	670-670-325
	Gross weight	Kg	20,4	20,4	20,6
	Air flow (Min-Med-Max)	m3/h	420-510-620	420-510-620	500-620-720
	Sound Pressure (Silent-Min-Med-Max)	dB(A)	25-33-36-41	25-33-36-41	29-35-40-43
	Sound Power (Max)	dB(A)	57	57	59
Decorative panel optional	Dimensions (W-D-H)	mm	647-647-50	647-647-50	647-647-50
	Net weight	Kg	2,5	2,5	2,5
	Packaging Dimensions (L-W-H)	mm	715-715-123	715-715-123	715-715-123
	Gross weight	Kg	4,5	4,5	4,5
Connection pipe dimensions	Liquid side piping	mm	6,35	6,35	6,35
	Gas side piping	mm	9,52	9,52	9,52
Electrical data	Maximum Electrical Power Absorption	W	40	40	40
	Maximum Current	A	0,2	0,2	0,2
Operational Limits	Internal temperatures	Raff(Min-Max) °C	+16 - +32	+16 - +32	+16 - +32
		Risc. (Min-Max) °C	0 - +30	0 - +30	0 - +30



SLEEP COMFORT
MODE



MIN. TEMP. HOT



MIN. TEMP. COLD



TIMER



SMART DEFROST



ENERGY SAVING



"TURBO" FUNCTION



SELF DIAGNOSIS



DEHUMIDIFICATION



AUTO RESTART
MEMORY



IFEEL



ONLY MULTISPLIT



8°C HEATING



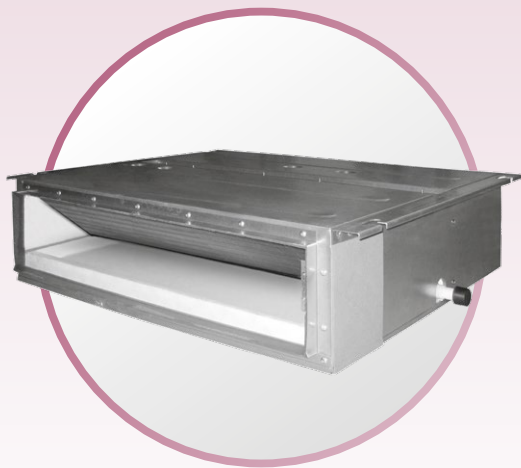
INTEGRATED
CONDENSATE
DRAIN PUMP



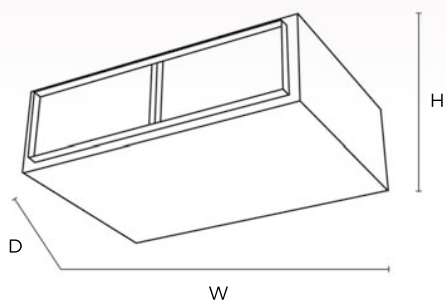
EASILY
REMOVABLE
FILTERS FOR
CLEANING



WIRED CONTROLLER
(OPTIONAL)



DUCTED



WIFI OPTIONAL



Optional



Optional

Fintek code	DUCTED		MICH07DK	MICH09DK	MICH12DK	MICH18DK
box product code			MTIU07-HWFNX(GA)	MTIU-09HWFNX(GA)	MTIU-12HWFNX(GA)	MTIU-18HWFNX(GA)
Electrical supply	F-V-Hz		Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz
Cooling	Capacity	kW (Nom)	2,05	3,52	3,52	5,28
Heating	Capacity	kW (Nom)	2,34	3,81	3,81	5,57
Internal Unit	Dimensions (W-D-H)	mm	700-506-200	700-506-200	700-506-200	880-674-210
	Net weight	Kg	18	17,8	17,8	24,4
	Packaging Dimensions (L-W-H)	mm	860-540-285	860-540-285	860-540-285	1070-725-280
	Gross weight	Kg	21,5	21,5	21,5	29,6
	Air flow (Min-Med-Max)	m ³ /h	300-480-600	300-480-600	300-480-600	515-706-911
	Nominal fan pressure	Pa	25	25	25	25
	Fan pressure adjustment range	Pa	0-40	0-60	0-60	0-100
	Sound Pressure (Silent-Min-Med-Max)	dB(A)	27,5-34,5-40,3	27,5-34,5-40,3	27,5-34,5-40,3	27,5-34,5-40,3
	Sound Power (Max)	dB(A)	58	58	58	58
Connection pipe dimensions	Liquid side piping	mm	6,35	6,35	6,35	6,35
	Gas side piping	mm	9,52	9,52	9,52	12,7
Electrical data	Maximum Electrical Power Absorption	W	170	180	185	200
	Maximum Current	A	1	1,1	1,1	1,3
Operational Limits	Internal temperatures	(Min-Max) °C	+16 - +32	+16 - +32	+16 - +32	+16 - +32
			0 - +30	0 - +30	0 - +30	0 - +30



SLEEP COMFORT
MODE



MIN. TEMP. HOT



MIN. TEMP. COLD



TIMER



SMART DEFROST



ONLY MULTISPLIT



SELF DIAGNOSIS



DEHUMIDIFICATION



AUTO RESTART
MEMORY



INTEGRATED
CONDENSATE
DRAIN PUMP



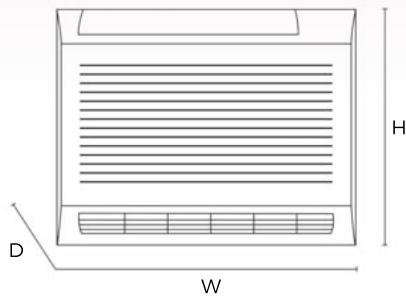
EASILY
REMOVABLE
FILTERS FOR
CLEANING



WIRED CONTROLLER
(OPTIONAL)



CONSOLE



WIFI OPTIONAL



Optional

Fintek product code	CONSOLE		MICOH09AA	MICOH12AA	MICOH18AA
box product code			MFA2U-09HRFNX(GA)	MFA2U-12HRFNX(GA)	MFA2U-17HRFNX(GA)
Electrical supply		F-V-Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz	Monofase 220-240V 50Hz
Cooling	Capacity	kW (Nom)	2,63	3,52*	5,52*
Heating	Capacity	kW (Nom)	2,93	3,81*	5,57
Internal Unit	Dimensions (W-D-H)	mm	794-200-621	794-200-621	794-200-621
	Net weight	Kg	14,8*	14,8*	16,8*
	Packaging Dimensions (L-W-H)	mm	810-710-305*	810-710-305*	670-1450-2027
	Gross weight	Kg	18,0*	18,0*	18,0*
	Air flow (Min-Med-Max)	m3/h	400-510-600	400-510-600	500-620-720
Connection pipe dimensions	Sound Pressure (Silent-Min-Med-Max)	dB(A)	35-42-43*	35-42-43*	35-42-43*
	Sound Power (Max)	dB(A)	55*	55*	55*
	Liquid side piping	mm	6,35	6,35	6,35
	Gas side piping	mm	9,52	9,52	9,52
	Maximum Electrical Power Absorption	W	25	25	25
Electrical data	Maximum Current	A	0,1	0,1	0,1
	Operational Limits				
	Internal temperatures	Raff(Min-Max) °C	+16 - +32	+16 - +32	+16 - +32
		Risc. (Min-Max) °C	0 - +30	0 - +30	0 - +30



SLEEP COMFORT
MODE



8°C HEATING



LED



TIMER



SMART DEFROST



ENERGY SAVING



TURBO FUNCTION



SELF DIAGNOSIS



DEHUMIDIFICATION



AUTO RESTART
MEMORY



IFEEL



SOLO MULTISPLIT



MIN. TEMP. HOT



MIN. TEMP. COLD



COLD PLASMA



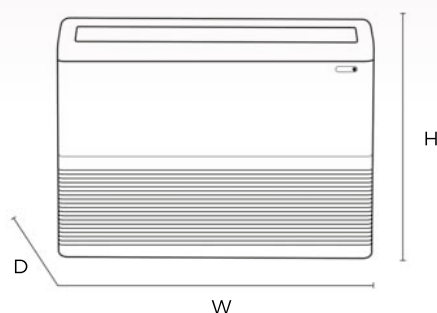
WIFI CONTROL



WIRED CONTROLLER
(OPTIONAL)



CEILING FLOOR



WIFI OPTIONAL



Optional



Optional

Fintek code	CEILING / FLOOR	MIFC18PS
box product code		MUEU-18HRFNX(GA)
Electrical supply	F-V-Hz	Monofase 220-240V 50Hz
Cooling	Capacity	kW (Nom) 5,28
Heating	Capacity	kW (Nom) 5,57
Internal Unit	Dimensions (W-D-H)	mm 1068-675-235
	Net weight	Kg 28
	Packaging Dimensions (L-W-H)	mm 1145-755-318
	Gross weight	Kg 33,3
	Air flow (Min-Med-Max)	m3/h 723-839-958
	Sound Pressure (Silent-Min-Med-Max)	dB(A) 24-37-41-44
	Sound Power (Max)	dB(A) 59
Connection pipe dimensions	Liquid side piping	mm 6,35
	Gas side piping	mm 12,7
Electrical data	Maximum Electrical Power Absorption	W 60
	Maximum Current	A 0,2
Operational Limits	Internal temperatures	(Min-Max) °C +16 - +32



SLEEP COMFORT
MODE



8°C HEATING



LED



TIMER



SMART DEFROST



ENERGY SAVING



"TURBO" FUNCTION



SELF DIAGNOSIS



DEHUMIDIFICATION



AUTO RESTART
MEMORY



IFEEL



ONLY MULTISPLIT



MIN. TEMP. HOT



MIN. TEMP. COLD



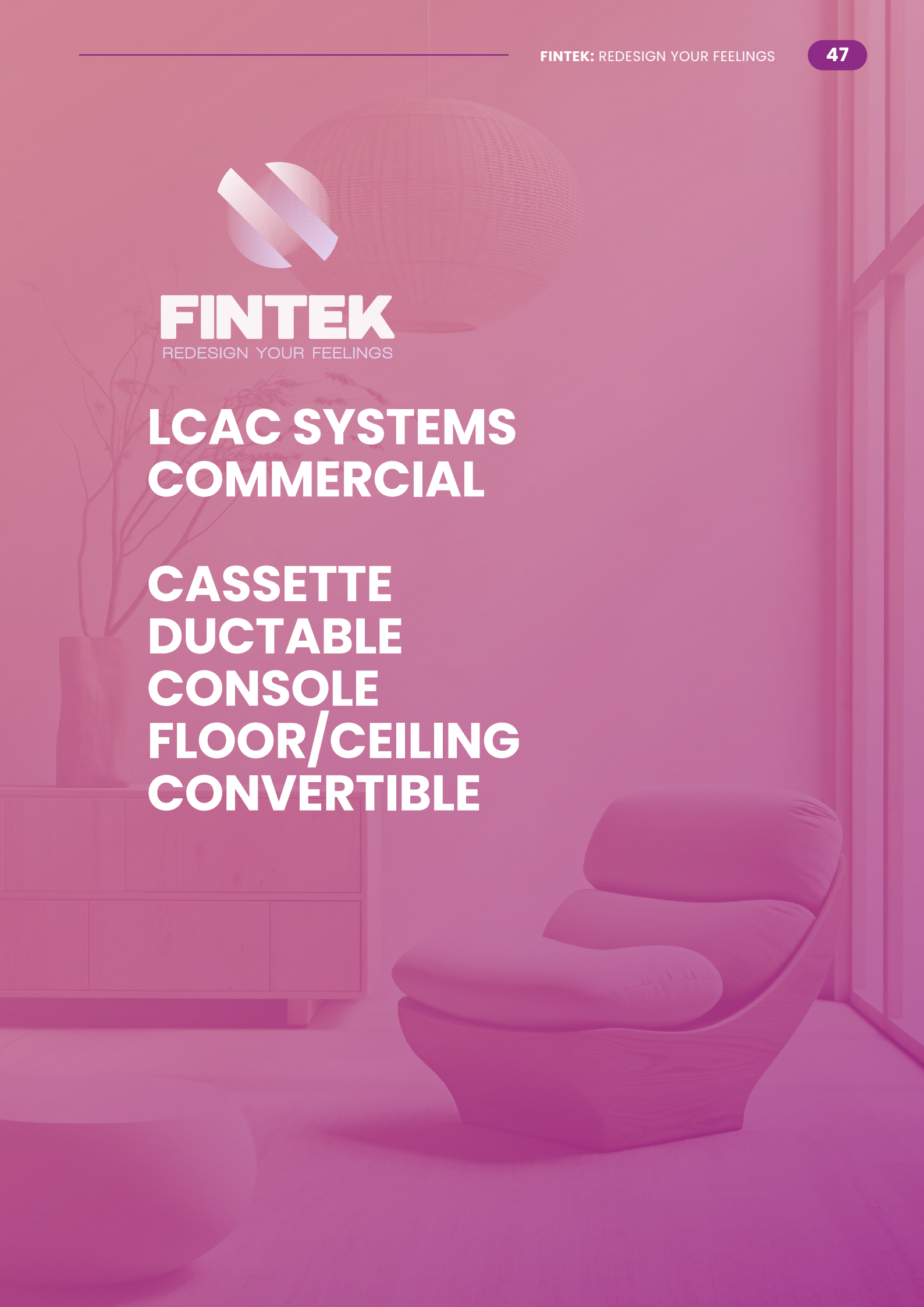
WIRED CONTROLLER
(OPTIONAL)

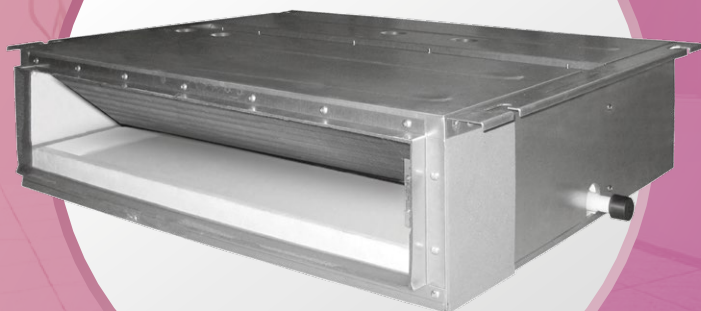


FINTEK
REDESIGN YOUR FEELINGS

LCAC SYSTEMS COMMERCIAL

**CASSETTE
DUCTABLE
CONSOLE
FLOOR/CEILING
CONVERTIBLE**





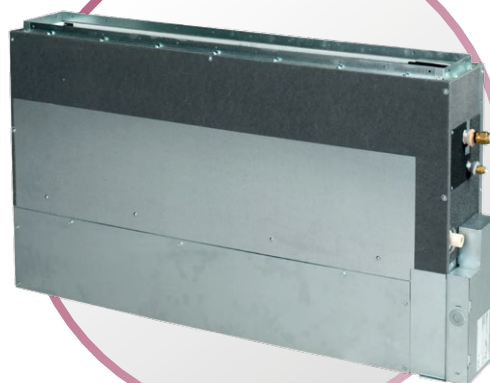
DUCTED

The ductable solution is ideal for those who want to minimize the visual impact of the air conditioning system, creating a high-performance "invisible" conditioning. The ability to select the airflow and fan pressure on 4 different power levels allows the products to adapt to various duct network configurations.

The complete equipment, including accessories, makes installation easy and immediate in any environment.

- Cooling energy class A++
- Heating energy class A+
- Cooling capacity (kW): 3.5 / 5.3 / 7.0 / 8.8 / 10.5
- Reversible air intake with the option to move it to the lower part of the unit
- Fan airflow and pressure adjustment via IR remote control
- Alphanumeric display with integrated IR receiver
- G2 filter and filter holder as standard
- Optional SANIFIL certified antibacterial filters
- Wired remote control KRJ-120G (included)
- Capacity: 3.5 - 5.3 - 7.0 - 8.8 - 10.5 - 12.0 - 14.0 - 16.0 kW
- Energy efficiency class A++/A+ (except 48k - A++/A)
- Condensate drain pump
- IR remote control included
- Wired remote control included
- Linear fan speed adjustment
- Reversible air intake
- Fan curve adjustment
- Optional Smart Kit
- ON-OFF contact / Alarm contact / FAN contact

**Same vertical versions
starting from size
24000 BTU/H OR 7,0 KW**



FUNCTIONALITY

COMFORT



Follow me



Renewal air intake



Pre heating

RELIABILITY



Coolant Leak Alarm



Self diagnosis



Alarm contact



Condensation Control

PRACTICALITY



Centralized command (optional)



Twin combination



On/off contact



M-Smart control (optional)



display LED



double exhaust condensation



i-remote



drain pump condensation



adjustment air flow



indoor units multipurpose (size 12-18)

Condenser model			FH2O12SF	FH2O12HT	FH2O18SF	FH2O18HT
Ductable indoor models			MICH12DK	MICH12DK	MICH18DK	MICH18DK
			MJCK12DK	MJCK12DK	MJCK18DK	MJCK18DK
Indoor unit code Midea			MTIU-12HWFNX(GA)	MTIU-12HWFNX(GA)	MTIU-18HWFNX(GA)	MTIU-18HWFNX(GA)
Evaporator power supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Condenser power supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Capacity	Min. Nom. Max	1.52 - 4.52 - 5.28	1.52 - 4.52 - 5.28	2.91 - 5.28 - 7.0	2.91 - 5.28 - 7.0
	Rated Power Input	W (Min - Nom - Max)	350 - 850 - 1600	350 - 850 - 1600	720 - 950 - 1860	720 - 950 - 1860
	Current	A (Nom)	3.7	3.7	4,3	4,3
	Theoretical Load (PdesignC)	KW	4,5	4,5	5.3	5.3
	SEER	A	5,3	5,3	5,6	6.5
	Energy Efficiency Class		A++	A++	A+++	A+++
	Annual Energy Consumption	KWh/Y	188	188	276	276
Heating	Capacity	KW (Min - Nom - Max)	0.97 - 4.31 - 5.93		1.04 - 5.57 - 7.89	
	Rated Power Input	W (Min - Nom - Max)	350 - 840 - 1800		254 - 968 - 2320	
	Current	A (Nom)	3,8		4,3	
	Theoretical Load (PdesignH)	KW	4,3		5,5	
	SCOP	L/M/H Season	5		5,7	
	Energy Efficiency Class		A++		A+ ++	
	Annual Energy Consumption	KWh/Y (Mid Season)	850		900	
Efficiency	Energy Efficiency	E.E.R. / C.O.P.	5.3	5.31/5,1	5,6	5,6/5,7
Indoor unit	Dimensions (Length-Height-Width)	mm	700 - 400 - 200	700 - 400 - 200	880-674-210	1068 - 235 - 675
	Net Weight	Kg	18	18	24,4	28
	Packaging Dimensions	mm	860 - 540 - 300	860 - 540 - 300	1070-725-280	1145 - 318 + 755
	Gross Weight	Kg	25	25	29,6	33
	Airflow (Min - Medium - Max)	m³/min	300 - 480 - 600	300 - 480 - 600	515-706-911	350 - 650 - 880
	Airflow Static Pressure	Pa	25	25	25	25
	External Static Pressure	Pa (Min -Max)	0-60	0-60	0-100	0-100
	Sound Pressure (Min-Med-Max)	dB(A)	28 - 35 - 40	28 - 35 - 40	27-37-40	33 - 38 - 42
	Sound Power (Maximum)	dB(A)	-	-	58	48
H2O						
(condensing unit)	Dimensions (Length-Height-Width)	mm	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300
	Gross Weight	Kg	27	28	27	28
	Sound Pressure	dB(A)	40	40	40	40
	Sound Power	dB(A)	-	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	1/2 Female	1/2 Female
	Minimum-Maximum Water Consumption	Fixed Water Flow LT/min	2,7	2,7	3.5	3.5
	Minimum-Maximum Water Consumption	Fixed Cooling/Heating Flow Lt/min	2,5 - 3,2		2,5 - 3,5	
	Minimum-Maximum Water Consumption	With WATER SAVER SYSTEM	0,75- 3,6	0,75- 3,6	0,75- 5,5	0,75- 5,5
	Minimum-Maximum Water Consumption	KUBORING	0- 1,5	0- 1,5	0- 2	0- 2
	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
Dimensions and limitations						
of the refrigeration circuit	Liquid Side Piping	mm - inch	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4
	Gas Side Piping	mm	9.52 - 3/8	9.52 - 3/8	12.7 - 1/2	12.7 - 1/2
	Pipe Length (Precharge)	mt	5	5	5	5
	Equivalent Piping	max	25	25	30	30
	Refrigerant Liquid Increase	gr/mt	12	12	12	12
	Level Difference	max	10	10	20	20
Refrigerant fluid	Refrigerant Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Precharged Quantity	Kg	0.87	0.87	1.15	1.15
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Electrical connections	Main Power Supply		Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
	Condenser Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded	2P Shielded
	Maximum Rated Power Input	W	1900	1900	2950	2950
	Maximum Current	A	8.3	8.3	13,5	13,5
Operating limits	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C	10° - 30°		10° - 30°	

Condenser model			FH2O24SF	FH2O24HP	FH2O30HT
Ductable indoor models			MICH24DK	MICH24DK	MICH30DK
			MJCK24DK	MJCK24DK	MJCK30DK
Indoor unit code Midea			MTIU-24HWFNX(GA)	MTIU-24HWFNX(GA)	MTIU-30HWFNX(GA)
Evaporator power supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Condenser power supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Capacity	Min. Nom. Max	3.22 - 7.03 - 8.31	3.22 - 7.03 - 8.31	2,23-8,79-9,38
	Rated Power Input	W (Min - Nom - Max)	480 - 1400 - 2200	480 - 1400 - 2200	890 - 1758 - 4200
	Current	A (Nom)	6,4	6,4	8
	Theoretical Load (PdesignC)	KW	7.0	7.0	8,8
	SEER		5,1	5,4	5
	Energy Efficiency Class		A++	A++	A++
	Annual Energy Consumption	KWh/A	402	402	467
Heating	Capacity	KW (Min - Nom - Max)		2.92 - 7.33 - 8.53	2,70-9,38-9,73
	Rated Power Input	W (Min - Nom - Max)		500 - 1520 - 2880	430-1910-2550
	Current	A (Nom)		7.0	8,7
	Theoretical Load (PdesignH)	KW		7	9,3
	SCOP	Low/Mid/High Season		4,8	4,9
	Energy Efficiency Class			A++	A+ ++
	Annual Energy Consumption	KWh/A		1645	1880
Efficiency	Energy Efficiency	E.E.R. / C.O.P.	5	5,0/4,8	5,0/4,9
Indoor unit	Dimensions (Length-Height-Width)	mm	830 - 830- 245	830 - 830- 245	1360 - 774 - 249
	Net Weight	Kg	21,6	21,6	40,5
	Packaging Dimensions	mm	910-910-250	910-910-250	1570 - 805 - 315
	Gross Weight	Kg	25,4	25,4	48,2
	Airflow (Min - Medium - Max)	m³/min	840 - 1054 - 1250	840 - 1054 - 1250	1500-1800-2100
	Airflow Static Pressure	Pa	25	25	37
	External Static Pressure	Pa (Min -Max)	0-125	0-125	0-142
	Sound Pressure (Min-Med-Max)	dB(A)	38 - 40 - 42	38 - 40 - 42	40 - 43 - 46
	Sound Power (Maximum)	dB(A)	61	61	64
H2O					
(condensing unit)	Dimensions (Length-Height-Width)	mm	956x810x453	956x810x453	956x810x453
	Gross Weight	Kg	55	55	70
	Sound Pressure	dB(A)	40	40	45
	Sound Power	dB(A)	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	1/2 Female
	Minimum-Maximum Water Consumption	portata H2O fisso Lt/min	5,8	5,8	8.0
	Minimum-Maximum Water Consumption	Portata fissa freddo/caldo Lt /min	4,5	4,5 -5,8	7,2 - 9
	Minimum-Maximum Water Consumption	Con WATER SAVER SYSTEM	0,80 - 6,20	0,80 - 6,20	1 - 8,5
	Minimum-Maximum Water Consumption	KUBORING	0 -4	0 -4	0- 6,4
	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
Dimensions and limitations					
of the refrigeration circuit	Liquid Side Piping	mm - inch	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
	Gas Side Piping	mm	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8
	Pipe Length (Precharge)	mt	5	5	5
	Equivalent Piping	max	50	50	50
	Refrigerant Liquid Increase	gr/mt	24	24	24
	Level Difference	max	25	25	20
Refrigerant fluid	Refrigerant Type		R32	R32	R32
	GWP		675	675	675
	Precharged Quantity	Kg	1.5	1.5	2
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Electrical connections	Main Power Supply		Outdoor Unit	Outdoor Unit	Outdoor Unit
	Condenser Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded
	Maximum Rated Power Input	W	3700	3700	4500
	Maximum Current	A	19	19	20
Operating limits	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°

FH2O36HT	FH2O36HTCT	FH2O42HT	FH2O48HPCT	FH2O60HPCT
MICH36DK	MICH36DK	MICH42DK	MICH48DK	MICH60DK
MJCK36DK	MJCK36DK	MJCK42DK	MJCK48DK	MJCK60DK
MTIU-36HWFNX(GA)	MTIU-36HWFNX(GA)	MTIU-42HWFNX(GA)	MTIU-48HWFNX(GA)	MTIU-55HWFNX(GA)
1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz8	1F - 220/240V 50Hz9
1F - 220/240V 50Hz	3F - 380/415V 50Hz	1F - 220/240V 50Hz	3F - 380/415V 50Hz	3F - 380/415V 50Hz
4.04 - 10.55 - 12.03	4.04 - 10.55 - 12.03	2,93-12,02-12,31	4.26 - 14.07 - 15.19	5.86 - 15.24 - 17.29
890 - 2127 - 4501	890 - 2127 - 4501	680-2500-4350	1170 - 2430 - 5699	1274 - 3200 - 6651
9,66	9,66	11,6	4,18	5,5
10.5	10.5	12,2	14,04	15
5	5	4,8	5,71	5,71
A++	A++	A+++	A+ +	A++
602	602	700	810	860
2.94 - 11.48 - 13.19	2.94 - 11.48 - 13.19	3,37-12,48-14,07	3.70 - 16.16 - 18.0	4.7 - 18 - 20.5
720 - 2255 - 4150	720 - 2255 - 4150	900-2450-4250	948 - 2690 - 4800	1042 - 3000 - 5000
10,25	3,88	11,98	4,63	7.8
11,48	11,48	12,45	16,1	18
5,1	5,1	5	6	6
A+ +	A+ +	A++	A+ +	A+ +
2700	2700	2690	3360	3490
5,01/5,1	5,01/4,9	4,9/5,1	5,7/ 6	5,71 - 6
1360 - 774 - 249	1360 - 774 - 249	1200-874-300	1200-874-300	1200-874-300
40,5	40,5	47,6	47,6	47,6
1570 - 805 - 315	1570 - 805 - 315	1405-915-365	1405-915-365	1405-915-365
48,2	48,2	55,4	55,4	55,4
1500-1800-2100	1500-1800-2100	1680-2040-2400	1680-2040-2400	1680-2040-2400
37	37	50	50	50
0-142	0-142	0-160	0-160	0-160
40 - 43 - 46	40 - 43 - 46	42-47-49	42-47-49	42-47-49
64	64	66	66	66
956x810x453	956x810x453	956x810x453	956x810x453	956x810x453
70	80	80	87	87
41	42	42	47	47
64	64	65	65	64
3/4 Female	3/4 Female	3/4 Female	3/4 Female	3/4 Female
1/2 Female	1/2 Female	3/4 Female	3/4 Female	3/4 Female
9	9	12	12	15
7,2 - 9	7,2 - 9	10 - 12,2	10 - 12,2	10,1 - 15,0
1 - 8,5	1 - 8,5	2 - 12,0	2 - 12,0	2,5 - 13
0- 6,4	0- 6,4	0- 6,4	0- 6,4	0- 7,24
pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
15.88 - 5/8	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8
5	5	5	5	5
50	50	50	50	50
24	24	24	24	24
20	20	20	20	20
R32	R32	R32	R32	R32
675	675	675	675	675
1,67	1,67	2,025	1,95	2
4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
2P + Ground	4P + Ground	4P + Ground	4P + Ground	4P + Ground
2P + Ground	2P + Ground	2P + Ground	2P + Ground	2P + Ground
2P Shielded	2P Shielded	2P Shielded	2P Shielded	2P Shielded
5000	5000	7500	6900	7500
22,5	10	14	13	14
8°-27°	8°-27°	8°-27°	8°-27°	8°-27°



FINTEK

REDESIGN YOUR FEELINGS

DUCTED DISTRIBUTION KIT MOTORIZED RADIO KIT



ZONING
CONTROL
SYSTEMS MANAGEMENT



RESIDENTIAL



OFFICES

AIR DISTRIBUTION COMPONENTS



COMPLETE PLENUM

Code [PLM-CDZ](#)



FLEXIBLE HOSE TES AND CLAMPS

Code [TES160](#)

Code [TES203](#)

Code [FSI60-270](#)



RETURN GRID (with filter)

Code [GRA6-800X400](#)

for BMA and DLF kits



CONCEALED RETURN GRID (with filter)

Code [GRS6-800X600](#)

for PSB, PSD and PSF kits



STANDARD VENT

dimensions 300X150 recommended capacity max. 370 m³/h

dimensions 400X150 recommended capacity max. 500 m³/h



SLITTED LINEAR DIFFUSER

dimensions 800 2 slits, recommended load capacity max. 220 m³/h

dimensions 1000 2 slits, recommended load capacity max. 280 m³/h



PLENUM HIDDEN VENT

dimensions 300X150, recommended capacity max. 390 m³/h

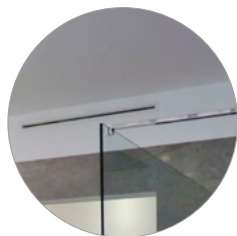
dimensions 400X150, recommended capacity max. 520 m³/h



PLENUM HIDDEN DIFFUSER

dimensions 800X50, recommended capacity max. 350 m³/h

dimensions 1000X50, recommended capacity max. 430 m³/h



PLENUM HIDDEN SLIT

dimensions 800X30, recommended capacity max. 300 m³/h

dimensions 1000X30, recommended capacity max. 380 m³/h

Ø 150

Code [BMA-OV-300X150](#)

Code [SC-300X150](#)

Code [PLP300X150-D150](#)

Ø 200

Code [BMA-OV-400X150](#)

Code [SC-400X150](#)

Code [PLP400X150-D200](#)

Code [DLF20-800-2F](#)

Code [PLPDLF-08002F-D150](#)

Code [CVL-2F](#)

Code [DLF20-1000-2F](#)

Code [PLPDLF-10002F-D200](#)

Code [CVL-2F](#)

Code [PSB300X150P-D150](#)

Code [PSB400X150P-D200](#)

Code [PSD800X50P-D150](#)

Code [PSD1000X50P-D200](#)

Code [PSF800X30P-D150](#)

Code [PSF1000X30P-D200](#)

SANITIZATION SYSTEM (optional)

FOR SYSTEMS UP TO 7 KW

Code [KIT-SANI-1](#)



CODE	DESCRIPTION	Q.TY	PRICE EACH
DF09960	FC UNIT MODULE	1	
BOTOLA	HATCH	1	
TRASF-KIT-1	TRANSFORMER CASE	1	

FOR SYSTEMS FROM 7 KW UP TO 14 KW

Code [KIT-SANI-2](#)



CODE	DESCRIPTION	Q.TY	PRICE EACH
DF09960	FC UNIT MODULE	2	
BOTOLA	HATCH	2	
TRASF-KIT-2	TRANSFORMER CASE	1	

RADIO AND WIRED COMPONENTS



UNIVERSAL CONTROL UNIT

Code [KN-UNI-WIFI](#)





ETERNAL RADIO CONTROLS

Code [KN-SMART-S](#) ●
Code [KB-SMART-S](#) ○





SMART RADIO CONTROLS

Code [KN-SMART-S](#) ●
Code [KB-SMART-S](#) ○





MOTORIZED DAMPERS

Code [NH-CO-150-SLAVE](#)
Code [NH-CO-200-SLAVE](#)



WIRED INTERFACE

Device that allows communication between the Koolnova system and the direct expansion air conditioning system with wired control. COMMUNICATION VIA CABLE (ON/OFF, speed change, season change, temperature set point change).



INFRARED INTERFACE

Device that allows communication between the Koolnova system and the direct expansion air conditioning system with infrared control. INFRARED COMMUNICATION (ON/OFF, speed change, season change, temperature set point change).

Code [NH-CIR-INVERTER](#)



FAN COIL INTERFACE

Device that allows communication between the Koolnova system and any water-ducted fan coil. COMMUNICATION VIA CABLE (ON/OFF, 3V or 0/10V speed change, cold/heat valve switching).

Code [NH-GTP-UNI2](#)



WIRING KIT

Ideal for speeding up installation by purchasing loose components.

Code [2Z-CABLAGGIO](#)
Code [3Z-CABLAGGIO](#)
Code [4Z-CABLAGGIO](#)
Code [5Z-CABLAGGIO](#)
Code [6Z-CABLAGGIO](#)

HOW TO ORDER THE AIR DISTRIBUTION KIT



A1) Choose the aesthetics of the terminal / outlet and identify the number of outlets necessary to serve the system

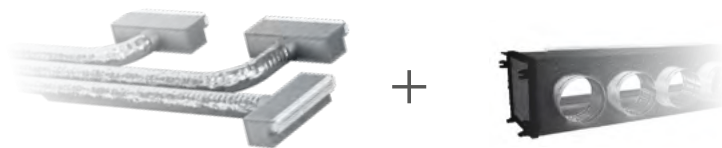
B1) Choose the correct diameter of the kit by checking that the maximum air flow rate shown in the table is compatible with that of the ducted machine you have selected

C1) Add the delivery plenum with the correct number of outlets and diameters based on the distribution kit previously identified

– DO NOT select this component if you want to complete the system with the PLENUM MOTORIZED WIRED

EXAMPLE: Ducted machine flow rate of 1200 m³/h

- Speaker type selected PSD model, with 3 disconnect
- In the PSD KIT table with 3 outlets I verify that the flow rate of the duct machine of 1200 m³/h is compatible with the kit with Diameters 200 which reports a maximum limit of 1300 m³/h.



EXAMPLE

air distribution 3 outlets diameter 200 with PSD series concealed terminals

PSD KIT UP TO 1290 m³/h
3KITDIS-PSD-200



DELIVERY PLENUM 3XD200
3PLM-CDZ-200

Ideal for warehouse stock

Specify model and brand of the machine

HOW TO ORDER THE MOTORIZED RADIO KIT WITH WIRED PLENUM



EXAMPLE

Wired plenum radio system with 3 dampers diameter 200, WIRED INTERFACE and white RADIO controls

WIRED PLENUM UP TO 1650 m³/h
3PCAB-CDZ-200-CFI



WHITE RADIO CONTROL KIT
3COM-R-B

Specify the model and brand of the machine (check compatibility).

Choose the control kit based on the color and number of rooms manage.

A2) Choose the motorized WIRED PLENUM based on the number and diameter of the outlets that must serve the areas to be airconditioned, checking that the air flow rate is compatible with that of the ducted machine

B2) Identify the correct WIRED PLENUM based on the communication interface from the following options: WIRED or INFRARED for direct expansion machines or choose the one for WATER FAN COILS.

C2) Add the White or Black control kit, depending on the number of zones to manage.

EXAMPLE: Ducted machine flow rate of 1300 m³/h

- You can choose a 3 damper plenum with diameters of 200
 - I select the 3 white command kit to manage 3 rooms
- OR**
- You can choose a 3 damper plenum with diameters of 200
 - I select the 2 white command kit to manage 2 rooms (1 room with 2 dampers)

HOW TO ORDER THE COMPLETE SYSTEM (DISTRIBUTION + MOTORIZED)



- Follow points A1 and B1
- Continue with points A2, B2 and C2



EXAMPLE

COMPLETE SYSTEM with aeraulic distribution 3 outlets diameter 200 with PSD series retractable terminals and MOTORIZED PART

PSD KIT UP TO 1290 m³/h
3KITDIS-PSD-200



WIRED PLENUM UP TO 1650 m³/h
3PCAB-CDZ-200-CFI



WHITE RADIO CONTROL KIT
3COM-R-B

Specify the model and brand of the machine (check compatibility).

Choose the control kit based on the color and number of rooms to manage.

2 ZONES - DAMPERS

CHOOSE THE TYPE OF TERMINAL



MAX. CAPACITY



300X150
↓
370 m³/h



400X150
↓
500 m³/h

800 2F
↓
220 m³/h

1000 2F
↓
280 m³/h

300X150
↓
390 m³/h

400X150
↓
520 m³/h

800X50
↓
350 m³/h

1000X50
↓
430 m³/h

800X30
↓
300 m³/h

1000X30
↓
380 m³/h

ADD THE DELIVERY PLENUM



DELIVERY PLENUM 2XD150
2PLM-CDZ-150

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

DELIVERY PLENUM 2XD200
2PLM-CDZ-200

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

INSERT THE WIRED PLENUM

WIRED INTERFACE
FOR DIRECT EXPANSION



INFRARED INTERFACE
FOR DIRECT EXPANSION



WATER FAN COIL
INTERFACE



CONTROL KIT



2X
Ø 150

WIRED PLENUM UP TO 800 m³/h

2PCAB-CDZ-150-CFI

WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 800 m³/h

2PCAB-CDZ-150-CIR

WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
INFRARED INTERFACE	

WIRED PLENUM UP TO 800 m³/h

2PCAB-CDZ-150-GTP

WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
FAN COIL INTERFACE	

2X
Ø 200

WIRED PLENUM UP TO 1100 m³/h

2PCAB-CDZ-200-CFI

WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 1100 m³/h

2PCAB-CDZ-200-CIR

WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
INFRARED INTERFACE	

WIRED PLENUM UP TO 1100 m³/h

2PCAB-CDZ-200-GTP

WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
FAN COIL INTERFACE	

WHITE RADIO CONTROL KIT

2COM-R-B

RADIO CONTROL KIT COMPONENTS	Q.TY
KB-ETERNAL-M	1
KB-SMART-S	1

BLACK RADIO CONTROL KIT

2COM-R-N

RADIO CONTROL KIT COMPONENTS	Q.TY
KN-ETERNAL-M	1
KN-SMART-S	1

3 ZONES - DAMPERS

3X
Ø 150

BMA KIT UP TO 1110 m³/h	
3KITDIS-BMA-150	
KIT COMPONENTS WITH BMA	Q.TY
TES160	20
FSI60-270	6
PLP300X150-D150	3
SC-300X150	3
BMA-OV-300X150	3
GRA6-800X400	1

DLF KIT OP TO 660 m³/h	
3KITDIS-DLF-150	
KIT COMPONENTS WITH DLF	Q.TY
TES160	20
FSI60-270	6
PLPDLF-08002F-D150	3
DLF20-800-2F	3
CVL-2F	6
GRA6-800X400	1

PSB KIT UP TO 1170 m³/h	
3KITDIS-PSB-150	
KIT COMPONENTS WITH PSB	Q.TY
TES160	20
FSI60-270	6
PSB300X150P-D150	3
GRS6-800X600	1

PSD KIT UP TO 1050 m³/h	
3KITDIS-PSD-150	
KIT COMPONENTS WITH PSD	Q.TY
TES160	20
FSI60-270	6
PSD800X50P-D150	3
GRS6-800X600	1

PSF KIT UP TO 900 m³/h	
3KITDIS-PSF-150	
KIT COMPONENTS WITH PSF	Q.TY
TES160	20
FSI60-270	6
PSF800X30P-D150	3
GRS6-800X600	1

DELIVERY PLENUM 3XD150	
3PLM-CDZ-150	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

3X
Ø 200

BMA KIT UP TO 1500 m³/h	
3KITDIS-BMA-200	
KIT COMPONENTS WITH BMA	Q.TY
TES203	20
FSI60-270	6
PLP400X150-D200	3
SC-400X150	3
BMA-OV-400X150	3
GRA6-800X400	1

DLF KIT OP TO 840 m³/h	
3KITDIS-DLF-200	
KIT COMPONENTS WITH DLF	Q.TY
TES203	20
FSI60-270	6
PLPDLF-10002F-D200	3
DLF20-1000-2F	3
CVL-2F	6
GRA6-800X400	1

PSB KIT UP TO 1560 m³/h	
3KITDIS-PSB-200	
KIT COMPONENTS WITH PSB	Q.TY
TES203	20
FSI60-270	6
PSB400X150P-D200	3
GRS6-800X600	1

PSD KIT UP TO 1290 m³/h	
3KITDIS-PSD-200	
KIT COMPONENTS WITH PSD	Q.TY
TES203	20
FSI60-270	6
PSD1000X50P-D200	3
GRS6-800X600	1

PSF KIT UP TO 1140 m³/h	
3KITDIS-PSF-200	
KIT COMPONENTS WITH PSF	Q.TY
TES203	20
FSI60-270	6
PSF1000X30P-D200	3
GRS6-800X600	1

DELIVERY PLENUM 3XD200	
3PLM-CDZ-200	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

4 ZONES - DAMPERS

4X
Ø 150

BMA KIT UP TO 1480 m³/h	
4KITDIS-BMA-150	
KIT COMPONENTS WITH BMA	Q.TY
TES160	20
FSI60-270	8
PLP300X150-D150	4
SC-300X150	4
BMA-OV-300X150	4
GRA6-800X400	1

DLF KIT OP TO 880 m³/h	
4KITDIS-DLF-150	
KIT COMPONENTS WITH DLF	Q.TY
TES160	20
FSI60-270	8
PLPDLF-08002F-D150	4
DLF20-800-2F	4
CVL-2F	8
GRA6-800X400	1

PSB KIT UP TO 1560 m³/h	
4KITDIS-PSB-150	
KIT COMPONENTS WITH PSB	Q.TY
TES160	20
FSI60-270	8
PSB300X150P-D150	4
GRS6-800X600	1

PSD KIT UP TO 1400 m³/h	
4KITDIS-PSD-150	
KIT COMPONENTS WITH PSD	Q.TY
TES160	20
FSI60-270	8
PSD800X50P-D150	4
GRS6-800X600	1

PSF KIT UP TO 1200 m³/h	
4KITDIS-PSF-150	
KIT COMPONENTS WITH PSF	Q.TY
TES160	20
FSI60-270	8
PSF800X30P-D150	4
GRS6-800X600	1

DELIVERY PLENUM 4XD150	
4PLM-CDZ-150	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

4X
Ø 200

BMA KIT UP TO 2000 m³/h	
4KITDIS-BMA-200	
KIT COMPONENTS WITH BMA	Q.TY
TES203	20
FSI60-270	8
PLP400X150-D200	4
SC-400X150	4
BMA-OV-400X150	4
GRA6-800X400	1

DLF KIT OP TO 1120 m³/h	
4KITDIS-DLF-200	
KIT COMPONENTS WITH DLF	Q.TY
TES203	20
FSI60-270	8
PLPDLF-10002F-D200	4
DLF20-1000-2F	4
CVL-2F	8
GRA6-800X400	1

PSB KIT UP TO 2080 m³/h	
4KITDIS-PSB-200	
KIT COMPONENTS WITH PSB	Q.TY
TES203	20
FSI60-270	8
PSB400X150P-D200	4
GRS6-800X600	1

PSD KIT UP TO 1720 m³/h	
4KITDIS-PSD-200	
KIT COMPONENTS WITH PSD	Q.TY
TES203	20
FSI60-270	8
PSD1000X50P-D200	4
GRS6-800X600	1

PSF KIT UP TO 1520 m³/h	
4KITDIS-PSF-200	
KIT COMPONENTS WITH PSF	Q.TY
TES203	20
FSI60-270	8
PSF1000X30P-D200	4
GRS6-800X600	1

DELIVERY PLENUM 4XD200	
4PLM-CDZ-200	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

3X
Ø 150

WIRED PLENUM UP TO 1200 m³/h	
3PCAB-CDZ-150-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 1200 m³/h	
3PCAB-CDZ-150-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
INFRARED INTERFACE	

WIRED PLENUM UP TO 1200 m³/h	
3PCAB-CDZ-150-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
FAN COIL INTERFACE	

3X
Ø 200

WIRED PLENUM UP TO 1650 m³/h	
3PCAB-CDZ-200-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 1650 m³/h	
3PCAB-CDZ-200-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 1650 m³/h	
3PCAB-CDZ-200-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

4X
Ø 150

WIRED PLENUM UP TO 1600 m³/h	
4PCAB-CDZ-150-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 1600 m³/h	
4PCAB-CDZ-150-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 1600 m³/h	
4PCAB-CDZ-150-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

4X
Ø 200

WIRED PLENUM UP TO 2200 m³/h	
4PCAB-CDZ-200-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2200 m³/h	
4PCAB-CDZ-200-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2200 m³/h	
4PCAB-CDZ-200-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WHITE RADIO CONTROL KIT	
3COM-R-B	
RADIO CONTROL KIT COMPONENTS	Q.TY
KB-ETERNAL-M	1
KB-SMART-S	2

BLACK RADIO CONTROL KIT	
3COM-R-N	
RADIO CONTROL KIT COMPONENTS	Q.TY
KN-ETERNAL-M	1
KN-SMART-S	2

WHITE RADIO CONTROL KIT	
4COM-R-B	
RADIO CONTROL KIT COMPONENTS	Q.TY
KB-ETERNAL-M	1
KB-SMART-S	3

BLACK RADIO CONTROL KIT	
4COM-R-N	
RADIO CONTROL KIT COMPONENTS	Q.TY
KN-ETERNAL-M	1
KN-SMART-S	3

5 ZONES - DAMPERS

5X
Ø 150

BMA KIT UP TO 1850 m³/h	
5KITDIS-BMA-150	
KIT COMPONENTS WITH BMA	Q.TY
TES160	20
FSI60-270	10
PLP300X150-D150	5
SC-300X150	5
BMA-OV-300X150	5
GRA6-800X400	1

DLF KIT OP TO 1100 m³/h	
5KITDIS-DLF-150	
KIT COMPONENTS WITH DLF	Q.TY
TES160	20
FSI60-270	10
PLPDLF-08002F-D150	5
DLF20-800-2F	5
CVL-2F	10
GRA6-800X400	1

PSB KIT UP TO 1950 m³/h	
5KITDIS-PSB-150	
KIT COMPONENTS WITH PSB	Q.TY
TES160	20
FSI60-270	10
PSB300X150P-D150	5
GRS6-800X600	1

PSD KIT UP TO 1750 m³/h	
5KITDIS-PSD-150	
KIT COMPONENTS WITH PSD	Q.TY
TES160	20
FSI60-270	10
PSD800X50P-D150	5
GRS6-800X600	1

PSF KIT UP TO 1500 m³/h	
5KITDIS-PSF-150	
KIT COMPONENTS WITH PSF	Q.TY
TES160	20
FSI60-270	10
PSF800X30P-D150	5
GRS6-800X600	1

DELIVERY PLENUM 5XD150	
5PLM-CDZ-150	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

5X
Ø 200

BMA KIT UP TO 2500 m³/h	
5KITDIS-BMA-200	
KIT COMPONENTS WITH BMA	Q.TY
TES203	20
FSI60-270	10
PLP400X150-D200	5
SC-400X150	5
BMA-OV-400X150	5
GRA6-800X400	1

DLF KIT OP TO 1400 m³/h	
5KITDIS-DLF-200	
KIT COMPONENTS WITH DLF	Q.TY
TES203	20
FSI60-270	10
PLPDLF-10002F-D200	5
DLF20-1000-2F	5
CVL-2F	10
GRA6-800X400	1

PSB KIT UP TO 2600 m³/h	
5KITDIS-PSB-200	
KIT COMPONENTS WITH PSB	Q.TY
TES203	20
FSI60-270	10
PSB400X150P-D200	5
GRS6-800X600	1

PSD KIT UP TO 2150 m³/h	
5KITDIS-PSD-200	
KIT COMPONENTS WITH PSD	Q.TY
TES203	20
FSI60-270	10
PSD1000X50P-D200	5
GRS6-800X600	1

PSF KIT UP TO 1900 m³/h	
5KITDIS-PSF-200	
KIT COMPONENTS WITH PSF	Q.TY
TES203	20
FSI60-270	10
PSF1000X30P-D200	5
GRS6-800X600	1

DELIVERY PLENUM 5XD200	
5PLM-CDZ-200	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

6 ZONES - DAMPERS

6X
Ø 150

BMA KIT UP TO 2220 m³/h	
6KITDIS-BMA-150	
KIT COMPONENTS WITH BMA	Q.TY
TES160	30
FSI60-270	12
PLP300X150-D150	6
SC-300X150	6
BMA-OV-300X150	6
GRA6-800X400	1

DLF KIT OP TO 1320 m³/h	
6KITDIS-DLF-150	
KIT COMPONENTS WITH DLF	Q.TY
TES160	30
FSI60-270	12
PLPDLF-08002F-D150	6
DLF20-800-2F	6
CVL-2F	12
GRA6-800X400	1

PSB KIT UP TO 2340 m³/h	
6KITDIS-PSB-150	
KIT COMPONENTS WITH PSB	Q.TY
TES160	30
FSI60-270	12
PSB300X150P-D150	6
GRS6-800X600	1

PSD KIT UP TO 2100 m³/h	
6KITDIS-PSD-150	
KIT COMPONENTS WITH PSD	Q.TY
TES160	30
FSI60-270	12
PSD800X50P-D150	6
GRS6-800X600	1

PSF KIT UP TO 1800 m³/h	
6KITDIS-PSF-150	
KIT COMPONENTS WITH PSF	Q.TY
TES160	30
FSI60-270	12
PSF800X30P-D150	6
GRS6-800X600	1

DELIVERY PLENUM 6XD150	
6PLM-CDZ-150	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

6X
Ø 200

BMA KIT UP TO 3000 m³/h	
6KITDIS-BMA-200	
KIT COMPONENTS WITH BMA	Q.TY
TES203	30
FSI60-270	12
PLP400X150-D200	6
SC-400X150	6
BMA-OV-400X150	6
GRA6-800X400	1

DLF KIT OP TO 1680 m³/h	
6KITDIS-DLF-200	
KIT COMPONENTS WITH DLF	Q.TY
TES203	30
FSI60-270	12
PLPDLF-10002F-D200	6
DLF20-1000-2F	6
CVL-2F	12
GRA6-800X400	1

PSB KIT UP TO 3120 m³/h	
6KITDIS-PSB-200	
KIT COMPONENTS WITH PSB	Q.TY
TES203	30
FSI60-270	12
PSB400X150P-D200	6
GRS6-800X600	1

PSD KIT UP TO 2580 m³/h	
6KITDIS-PSD-200	
KIT COMPONENTS WITH PSD	Q.TY
TES203	30
FSI60-270	12
PSD1000X50P-D200	6
GRS6-800X600	1

PSF KIT UP TO 2280 m³/h	
6KITDIS-PSF-200	
KIT COMPONENTS WITH PSF	Q.TY
TES203	30
FSI60-270	12
PSF1000X30P-D200	6
GRS6-800X600	1

DELIVERY PLENUM 6XD200	
6PLM-CDZ-200	

Generic plenum code, when ordering specify the brand and model of the machine or select the dedicated plenum code.

5X
Ø 150

WIRED PLENUM UP TO 2000 m³/h	
5PCAB-CDZ-150-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2000 m³/h	
5PCAB-CDZ-150-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2000 m³/h	
5PCAB-CDZ-150-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

5X
Ø 200

WIRED PLENUM UP TO 2750 m³/h	
5PCAB-CDZ-200-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2750 m³/h	
5PCAB-CDZ-200-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2750 m³/h	
5PCAB-CDZ-200-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

6X
Ø 150

WIRED PLENUM UP TO 2400 m³/h	
6PCAB-CDZ-150-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2400 m³/h	
6PCAB-CDZ-150-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 2400 m³/h	
6PCAB-CDZ-150-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 150 MM	
WIRING	
WIRE INTERFACE	

6X
Ø 200

WIRED PLENUM UP TO 3300 m³/h	
6PCAB-CDZ-200-CFI	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 3300 m³/h	
6PCAB-CDZ-200-CIR	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
WIRE INTERFACE	

WIRED PLENUM UP TO 3300 m³/h	
6PCAB-CDZ-200-GTP	
WIRED PLENUM COMPONENTS	
PLENUM	
CONTROL UNIT	
MOTORIZED DAMPERS DIAM. 200 MM	
WIRING	
INTERFACCIA FANCOIL	

WHITE RADIO CONTROL KIT	
5COM-R-B	
RADIO CONTROL KIT COMPONENTS	Q.TY
KB-ETERNAL-M	1
KB-SMART-S	4

BLACK RADIO CONTROL KIT	
5COM-R-N	
RADIO CONTROL KIT COMPONENTS	Q.TY
KN-ETERNAL-M	1
KN-SMART-S	4

WHITE RADIO CONTROL KIT	
6COM-R-B	
RADIO CONTROL KIT COMPONENTS	Q.TY
KB-ETERNAL-M	1
KB-SMART-S	5

BLACK RADIO CONTROL KIT	
6COM-R-N	
RADIO CONTROL KIT COMPONENTS	Q.TY
KN-ETERNAL-M	1
KN-SMART-S	5

DIFFUSER INSTALLATIONS

BMA



DLF



PSB



PSD



PSF



FINTEK
REDESIGN YOUR FEELINGS

**FINTEK**

REDESIGN YOUR FEELINGS

COMPACT 4-WAY CASSETTES

Compact 4-way cassettes are designed for optimal distribution air in rooms where it is not possible to engage the walls with other types of internal units.



- Cooling in energy class A++
- Heating in energy class* up to A++
- Cooling capacity kW: 3.5 / 5.3
- Decorative panel with air outlet vents at the corners
- Alphanumeric display with integrated IR receiver
- Air supply ducting with pre-cut sections included
- Wired controller KRJ-120G (optional)
- Also available in slim version for 24,000 and 30,000
- Condensate drain pump
- IR remote control included and optional wired controller
- Optional Smart Kit
- Linear fan speed regulation
- ON-OFF Contact / Alarm Contact / FAN Contact
- Display with integrated IR receiver in the decorative panel
- External air intake connection
- Air supply ducting

FUNCTIONALITY

COMFORT					
	3d surround	Auto Swing	Follow me	Renewal air intake	Pre heating
					
	Losing Alert Cooling	Self diagnosis	Alarm contact	Condensation Control	
					
PRACTICALITY	Centralized command (optional)	On/off contact	M-Smart control (optional)	i-Remote	
					
	drain pipe pump	multipurpose internal units (12-18)			



Available in versions
24000 - 30000 - 36000 -
42000 - 48000 - 60000



Available in versions
12000 - 18000.
(SLIM versions only).



WIRED / INFRARED CONTROL

The decorative panel is equipped with an infrared receiver for the remote control. The unit can also be equipped with an optional wired controller with a programming function for even more efficient management.

CONDENSATE DRAIN PUMP

The indoor units are equipped with a condensate drain pump capable of lifting the liquid up to 60 cm above the tray level.

OPTIONAL SMART KIT

The units can be fitted with an accessory device that allows control via the Midea Air app through a wireless LAN connection. This ensures that all unit functionalities are available remotely.

EXTERNAL AIR INTAKE

Through a dedicated air intake, it is possible to introduce external or fresh air into the unit, allowing it to be treated before being distributed into the environment.

ON-OFF / ALARM / FAN CONTACT

A series of contacts on the unit's electronic board allows control in combination with external devices or synchronization of the unit's status with another product.

SUPPLY AIR DUCTING

On the indoor units of the Compact 4-Way Cassette range, it is possible to activate air outlets for duct connections on two sides of the product.

CASSETTE SLIM VERSION



- Capacity: 7.0 – 8.8 – 10.5 – 12.0 – 14.0 – 16.0 kW
- Energy efficiency class A++/A+ (Except 36K3ph – A++/A)
- Condensate drain pump
- Optional Breezeless panel with individual blade control
- Linear fan speed adjustment
- Optional wired controller
- Optional Smart Kit
- ON-OFF Contact / Alarm Contact / FAN Contact
- Alphanumeric display with integrated IR receiver in the decorative panel
- External air intake connection
- Air supply ducting capability

FUNCTIONALITY

WIRED / INFRARED CONTROLLER

The decorative panel is equipped with an infrared receiver for remote control. The unit can also be equipped with an optional wired controller with a programmer function for more efficient management.

OPTIONAL SMART KIT

The units can be equipped with an accessory device that allows control via the Midea Air app through a wireless LAN connection. This enables full remote management of all unit functions.

ON-OFF / ALARM / FAN CONTACT

A series of contacts on the unit's electronic board allows control in combination with external devices or synchronization of the unit's status with another product.

CONDENSATE DRAIN PUMP

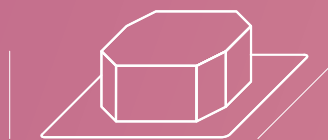
The indoor units are equipped with a condensate drain pump capable of lifting the liquid up to 60 cm above the tray level.

EXTERNAL AIR INTAKE CONNECTION

Through a dedicated air intake, external or fresh air can be introduced into the unit, where it is treated before being released into the environment.

AIR SUPPLY DUCTING

On the indoor units of the Cassette 4-Way Slim range, air outlets can be activated for duct connections on all four sides of the product.



MCD1-24HRFNX(GA)

830x830x205

MCD1-30HRFNX(GA)

830x830x245

MCD1-36HRFN8(GA)

830x830x245

MCD1-42HRFNX(GA)

830x830x287

MCD1-48HRFNX(GA)

830x830x287

MCD1-55HRFNX(GA)

830x830x287

Cassette Mono Compact

Condenser Model			FH2012SF	FH2012HT	FH2018SF	FH2018HT
Cassette Models			MICA12BB	MICA12BB	MICA18BB	MICA18BB
Indoor Unit Midea Code			MCA3U-12HRFNX(GA)	MCA3U-12HRFNX(GA)	MCA3U-18HRFNX(GA)	MCA3U-18HRFNX(GA)
Evaporator Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Condenser Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Capacity	Min. Nom. Max	1.52 - 4.52 - 5.28	1.52 - 4.52 - 5.28	2.91 - 5.28 - 7.0	2.91 - 5.28 - 7.0
	Rated Power Input	W (Min - Nom - Max)	350 - 850 - 1600	350 - 850 - 1600	720 - 950 - 1860	720 - 950 - 1860
	Current	A (Nom)	3,7	3,7	4,3	4,3
	Theoretical Load (PdesignC)	KW	4,5	4,5	5,3	5,3
	SEER		6,5	6,5	6,1	6,5
	Energy Efficiency Class		A++	A++	A+++	A+++
	Annual Energy Consumption	KWh/Y	188	188	276	276
Heating	Capacity	KW (Min - Nom - Max)		0.97 - 4.31 - 5.93		1.04 - 5.57 - 7.89
	Rated Power Input	W (Min - Nom - Max)		350 - 840 - 1800		254 - 968 - 2320
	Current	A (Nom)		3,5		4,3
	Theoretical Load (PdesignH)	KW		4,3		5,5
	SCOP	Low/Mid/High Season		5		5,7
	Energy Efficiency Class			A++		A+ ++
	Annual Energy Consumption	KWh/Y (Mid - Hot Season)		850		900
Efficiency	Energy Efficiency	E.E.R. / C.O.P.	5,31	5,31/5,1	5,8	5,8/5,7
Indoor Unit	Dimensions (Length-Width-Height)	mm	570 -570-260	570 -570-260	570 -570-260	570 -570-260
	Net Weight	Kg	16,3	16,3	16,3	16,3
	Packaging Dimensions	mm	670-670-350	670-670-350	670-670-350	670-670-350
	Gross Weight	Kg	20,4	20,4	20,6	20,6
	Airflow (Min - Medium - Max)	m³/min	430-510-620	430-510-620	500-620-720	500-620-720
	Sound Pressure (Min-Med-Max)	dB(A)	28 - 35 - 40	28 - 35 - 40	33 - 38 - 42	33 - 38 - 42
	Sound Power (Maximum)	dB(A)	57	57	58	58
H2O						
(Condensation Unit)	Dimensions (Length-Height-Width)	mm	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300	540 - 540 - 300
	Gross Weight	Kg	27	27	27	27
	Sound Pressure	dB(A)	40	40	40	40
	Sound Power	dB(A)	-	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	1/2 Female	1/2 Female
	Minimum-Maximum Water Consumption	Fixed Water Flow LT/min	2,7	2,7	3,5	3,5
Minimum-Maximum Water Consumption	Fixed Cooling/Heating Flow Lt/min			2,5 - 3,2		2,5 - 3,5
	With WATER SAVER SYSTEM		0,75- 3,6	0,75- 3,6	0,75- 5,5	0,75- 5,5
	KUBORING		0- 1,5	0- 1,5	0- 2	0- 2
	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
	Liquid Side Piping	mm - inch	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4
	Gas Side Piping	mm - inch	9.52 - 3/8	9.52 - 3/8	12.7 - 1/2	12.7 - 1/2
Dimensions and Refrigerant Circuit Limitations	Pipe Length (Precharge)	mt	5	5	5	5
	Equivalent Piping	max	25	25	30	30
	Refrigerant Liquid Increase	gr/mt	12	12	12	12
	Level Difference	max	10	10	20	20
	Refrigerant Fluid	Refrigerant Type	R32	R32	R32	R32
Refrigerant Fluid	GWP		675	675	675	675
	Precharged Quantity	Kg	0.87	0.87	1.15	1.15
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
	Electrical Connections	Main Power Supply	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Electrical Connections	Condenser Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded	2P Shielded
	Maximum Rated Power Input	W	1900	1900	2950	2950
	Maximum Current	A	8,3	8,3	13,5	13,5
Operating Limits	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C		10° - 30°		10° - 30°

The data declared relate to the conditions envisaged in PR EN 14825 and PR EN 14511 (2014). The seasonal energy consumption indicated refers to harmonized test cycles at a fixed water temperature of 15°. The actual consumption

Cassette mono compact

Condenser Model			FH2O24SF	FH2O24HP	FH2O30HT
Cassette Models			MICA24BB	MICA24BB	MICA30BB
Indoor Unit Midea Code			MCDI-24HRFNX(GA)	MCDI-24HRFNX(GA)	MCDI-30HRFNX(GA)
Evaporator Power Supply			1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Condenser Power Supply			1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Capacity	Min. Nom. Max	3.22 - 7.03 - 8.31	3.22 - 7.03 - 8.31	2,23-8,79-9,38
	Rated Power Input	W (Min - Nom - Max)	480 - 1400 - 2200	480 - 1400 - 2200	890 - 1758 - 4200
	Current	A (Nom)	6,4	6,4	8
	Theoretical Load (PdesignC)	KW	7.0	7.0	8,8
	SEER		5,1	5,4	5
	Energy Efficiency Class		A++	A++	A++
	Annual Energy Consumption	KWh/Y	402	402	467
	Capacity	KW (Min - Nom - Max)		2.92 - 7.33 - 8.53	2,70-9,38-9,73
Heating	Rated Power Input	W (Min - Nom - Max)		500 - 1520 - 2880	430-1910-2550
	Current	A (Nom)		7.0	8,7
	Theoretical Load (PdesignH)	KW		7	9,3
	SCOP	Low/Mid/High Season		4,8	4,9
	Energy Efficiency Class			A++	A+ ++
	Annual Energy Consumption	KWh/Y (Mid - Hot Season)		1645	1880
	Energy Efficiency	E.E.R. / C.O.P.	5	5/4,8	5,0/4,9
	Capacity	KW (Min - Nom - Max)			
Indoor Unit	Dimensions (Length-Width-Height)	mm	830 - 830- 245	830 - 830- 245	830 - 830- 245
	Net Weight	Kg	21,6	21,6	24,6
	Packaging Dimensions	mm	910-910-250	910-910-250	910-910-290
	Gross Weight	Kg	25,4	25,4	28,6
	Airflow (Min - Medium - Max)	m³/min	840 - 1054 - 1250	840 - 1054 - 1250	750 - 1150 - 1400
	Sound Pressure (Min-Med-Max)	dB(A)	38 - 40 - 42	38 - 40 - 42	40 - 43 - 47
	Sound Power (Maximum)	dB(A)	61	61	61
	Capacity	KW (Min - Nom - Max)			
H2O					
(Condensation Unit)	Dimensions (Length-Height-Width)	mm	956x810x453	956x810x453	956x810x453
	Gross Weight	Kg	55	55	70
	Sound Pressure	dB(A)	40	40	41
	Sound Power	dB(A)	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	1/2 Female
	Minimum-Maximum Water Consumption	Fixed Water Flow Lt/min	5,8	5,8	9
	Minimum-Maximum Water Consumption	Fixed Cooling/Heating Flow Lt/min	4,5 -5,8	4,5 -5,8	7,2 - 9
Minimum-Maximum Water Consumption	With WATER SAVER SYSTEM		0,80 - 6,20	0,80 - 6,20	1 - 8,5
	KUBORING		0 - 4	0 - 4	0- 6,4
	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
	Liquid Side Piping	mm - inch	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
	Gas Side Piping	mm - inch	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8
	Pipe Length (Precharge)	mt	5	5	5
	Equivalent Piping	max	50	50	50
Dimensions and Refrigerant Circuit Limitations	Refrigerant Liquid Increase	gr/mt	24	24	24
	Level Difference	max	25	25	20
	Refrigerant Fluid				
	Refrigerant Type		R32	R32	R32
	GWP		675	675	675
	Precharged Quantity	Kg	1.5	1.5	2.4
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
	Capacity	KW (Min - Nom - Max)			
Electrical Connections	Main Power Supply		Outdoor Unit	Outdoor Unit	Outdoor Unit
	Condenser Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded
	Maximum Rated Power Input	W	3700	3700	4500
	Maximum Current	A	19	19	20
Operating Limits	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C	10° - 30°	10° - 30°	10° - 30°

The data declared relate to the conditions envisaged in PR EN 14825 and PR EN 14511 (2014). The seasonal energy consumption indicated refers to harmonized test cycles at a fixed water temperature of 15°. The actual consumption

FH2036HT	FH2036HTCT	FH2042HTCT	FH2048HPCT	FH2060HPCT
MICA36BB	MICA36BB	MICA42BB	MICA48BB	MICA60BB
MCD1-36HRFNX(GA)	MCD1-36HRFNX(GA)	MCD1-42HRFNX(GA)	MCD1-48HRFNX(GA)	MCD1-60HRFNX(GA)
1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz8	1F - 220/240V 50Hz9
1F - 220/240V 50Hz	3F - 380/415V 50Hz	1F - 220/240V 50Hz	3F - 380/415V 50Hz	3F - 380/415V 50Hz
4.04 - 10.55 - 12.03	4.04 - 10.55 - 12.03	2,93-12,02-12,31	4.26 - 14.07 - 15.19	5.86 - 15.24 - 17.29
890 - 2127 - 4501	890 - 2127 - 4501	680-2500-4350	1170 - 2430 - 5699	1274 - 3200 - 6651
9,66	9,66	11,6	4,18	5,5
10.5	10.5	12,2	14,04	15
5	5	4,8	5,71	5,71
A++	A++	A+++	A+ +	A++
602	602	700	810	860
2.94 - 11.48 - 13.19	2.94 - 11.48 - 13.19	3,37-12,48-14,07	3.70 - 16.16 - 18.0	4.7 - 18 - 20.5
720 - 2255 - 4150	720 - 2255 - 4150	900-2450-4250	948 - 2690 - 4800	1042 - 3000 - 5000
10,25	3,88	11,14	4,63	7.8
11,48	11,48	12,48	16,1	18
5,1	5,1	5	6	6
A+ +	A+ +	A++	A+ +	A+ +
2700	2700	2690	3360	3490
5,01/5,1	5,01/4,9	4,9/5,1	5,7/ 6	5,71 - 6
830 - 830- 245	830 - 830- 245	830 - 830- 287	830 - 830- 287	830 - 830- 287
27,2	27,2	29,3	29,3	29,3
910-910-290	910-910-290	910-910-330	910-910-330	910-910-330
31,2	31,2	33,5	33,5	33,5
750 - 1150 - 1400	750 - 1150 - 1400	1600-1750-1900	1680 - 2040 - 2400	1820 - 2210 - 2600
40 - 43 - 47	40 - 43 - 48	38-46-49	40 - 43 - 46	40 - 43 - 46
61	61	65	-	-
956x810x453	956x810x453	956x810x453	956x810x453	956x810x453
70	80	80	87	87
41	42	42	47	47
64	64	65	65	64
3/4 Female	3/4 Female	3/4 Female	3/4 Female	3/4 Female
1/2 Female	1/2 Female	3/4 Female	3/4 Female	3/4 Female
9	9	12	12	15
7,2 - 9	7,2 - 9	10 - 12,2	10 - 12,2	10,1 - 15,0
1 - 8,5	1 - 8,5	2 - 12,0	2 - 12,0	2,5 - 13
0- 6,4	0- 6,4	0- 6,4	0- 6,4	0- 7,24
pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
15.88 - 5/8	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8
5	5	5	5	5
50	50	50	50	50
24	24	24	24	24
20	20	20	20	20
R32	R32	R32	R32	R32
675	675	675	675	675
1,67	1,67	2,025	1,95	2
4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
2P + Ground	4P + Ground	4P + Ground	4P + Ground	4P + Ground
2P + Ground	2P + Ground	2P + Ground	2P + Ground	2P + Ground
2P Shielded	2P Shielded	2P Shielded	2P Shielded	2P Shielded
5000	5000	7500	6900	7500
22,5	10	14	13	14
8°-27°	8°-27°	8°-27°	8°-27°	8°-27°
10° - 30°	10° - 30°	10° - 30°	10° - 30°	10° - 30°



FINTEK
REDESIGN YOUR FEELINGS

CONSOLE

The console solution is ideal for air conditioning of small spaces where it is required to obtain maximum ambient comfort; the possibility to spread the air treated both by the director upper and lower, allows to obtain a uniform temperature in the rooms, especially during use in cooling mode.



CONSOLE

- Capacity: 3.5 – 5.0 kW
- Energy efficiency class: A++/A+
- ON-OFF contact
- Dual tangential fan
- Dual air outlet
- Alphanumeric front display
- Optional Smart Kit

FUNCTIONALITY

COMFORT	 Double direction air diffusion	 Follow me	 Renewal air intake	 Pre heating
RELIABILITY	 Coolant Leak Alarm	 Self diagnosis	 Condensation Control	
PRACTICALITY	 Centralized command (optional)	 On/off contact	 Double drain pipe	 i-Remote
				 Multipurpose internal units



Available in
12000 – 18000
versions



MAXIMUM EFFICIENCY IN EVERY SEASON

The two upper and lower air outlets, larger in size, can operate simultaneously, increasing the available airflow to reach the desired comfort level in the shortest possible time.

DUAL FAN

The micro-adjustable dual tangential fan ensures high energy efficiency and maximum performance.

TOTAL CONTROL WITH APP – MSmarthome

The console can be equipped with an accessory device (Smart Kit Midea model EU-SK105) that allows control via the Midea MSmarthome app. This enables full functionality of the console remotely.

ON-OFF CONTACT

Thanks to a dedicated terminal block, an external switch can be easily connected to turn the unit on or off remotely or integrate it into a BMS control system.

EASY INSTALLATION & MAINTENANCE

The new mounting plate allows for quick and flexible installation. The removable front panel, free of electrical components, can be easily detached and cleaned, along with the air filter.

ALPHANUMERIC FRONT DISPLAY

The latest-generation display on the front panel is intuitive and easy to read.

Condenser Model			FH2O12SF	FH2O12HT	FH2O18SF	FH2O18H
Cassette Models			MICOH12AA	MICOH12AA	MICOH18AA	MICOH18AA
Indoor Unit Midea Code			MFA2U-12HRFNX(GA)	MFA2U-12HRFNX(GA)	MFA2U-18HRFNX(GA)	MFA2U-18HRFNX(GA)
Evaporator Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Condenser Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Capacity	Min. Nom. Max	1.52 - 4.52 - 5.28	1.52 - 4.52 - 5.28	2.91 - 5.28 - 7.0	2.91 - 5.28 - 7.0
	Rated Power Input	W (Min - Nom - Max)	350 - 850 - 1600	350 - 850 - 1600	720 - 950 - 1860	720 - 950 - 1860
	Current	A (Nom)	3,7	3,7	4,3	4,3
	Theoretical Load (PdesignC)	KW	4,5	4,5	5,3	5,3
	SEER		6.5	6.5	6.1	6.5
	Energy Efficiency Class		A++	A++	A+++	A+++
	Annual Energy Consumption	KWh/Y	188	188	276	276
Heating	Capacity	KW (Min - Nom - Max)		0.97 - 4.31 - 5.93		1.04 - 5.57 - 7.89
	Rated Power Input	W (Min - Nom - Max)		350 - 840 - 1800		254 - 968 - 2320
	Current	A (Nom)		3,5		4,3
	Theoretical Load (PdesignH)	KW		4,3		5,5
	SCOP	Low/Mid/High Season		5		5
	Energy Efficiency Class			A++		A+ ++
	Annual Energy Consumption	KWh/Y (Mid - Hot Season)		850		900
Efficiency	Energy Efficiency	E.E.R. / C.O.P.	5,31	5,31/5,1	5,8	5,8/5,2
Indoor Unit	Dimensions (Length-Height-Width)	mm	700 - 210 - 600	700 - 210 - 600	1068 - 235 - 675	1068 - 235 - 675
	Net Weight	Kg	15	15	28	28
	Packaging Dimensions	mm	800 - 310 - 710	800 - 310 - 710	1145 - 318 + 755	1145 - 318 + 755
	Gross Weight	Kg	18	18	33	33
	Airflow (Min - Medium - Max)	m³/min	370 - 480 - 520	370 - 480 - 520	350 - 650 - 880	350 - 650 - 880
	Sound Pressure (Min-Med-Max)	dB(A)	33 - 36 - 41	33 - 36 - 41	33 - 38 - 42	33 - 38 - 42
	Sound Power (Maximum)	dB(A)	51	51	58	58
H2O (Condensation Unit)	Dimensions (Length-Height-Width)	mm	540 - 300 - 540	540 - 300 - 540	540 - 540 - 300	540 - 540 - 300
	Gross Weight	Kg	27	27	27	27
	Sound Pressure	dB(A)	40	40	40	40
	Sound Power	dB(A)	-	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	1/2 Female	1/2 Female
	Minimum-Maximum Water Consumption	Fixed Water Flow LT/min	2,7	2,7	3,5	3,5
	Minimum-Maximum Water Consumption	Fixed Cooling/Heating Flow Lt/min		2,5 - 3,2		2,5 - 3,5
	Minimum-Maximum Water Consumption	With WATER SAVER SYSTEM	0,75- 3,6	0,75- 3,6	0,75- 5,5	0,75- 5,5
	Minimum-Maximum Water Consumption	KUBORING	0- 1,5	0- 1,5	0- 2	0- 2
	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
Dimensions and Limitations						
of the Refrigerant Circuit	Liquid Side Piping	mm - inch	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4	6.35 - 1/4
	Gas Side Piping	mm - inch	9.52 - 3/8	9.52 - 3/8	12.7 - 1/2	12.7 - 1/2
	Pipe Length (Precharge)	mt	5	5	5	5
	Equivalent Piping	max	25	25	30	30
	Refrigerant Liquid Increase	gr/mt	12	12	12	12
	Level Difference	max	10	10	20	20
Refrigerant Fluid	Refrigerant Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Precharged Quantity	Kg	0.5	0.5	1.15	1.15
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Electrical Connections	Main Power Supply		Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
	Condenser Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded	2P Shielded
	Maximum Rated Power Input	W	1900	1900	2200	2200
	Maximum Current	A	8.3	8.3	9.6	9.6
Operating Limits	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C		10° - 30°		10° - 30°

**FINTEK**

REDESIGN YOUR FEELINGS

FLOOR/CEILING

The floor/ceiling solution is ideal for air conditioning in commercial spaces, as it is characterized by great flexibility of application with the possibility of floor or suspended installation in ceiling.





WIRED / INFRARED CONTROL

The internal unit of the Ceiling/Floor range is equipped with an IR receiver on board and can be fitted with an optional wired remote control with programming function for more functional management.

ON-OFF / ALARM CONTACT

A series of contacts on the unit's electronic board allows the product to be controlled in combination with a series of external devices or to synchronize the unit's status with another product.

PRE-HEATING

Prevention of excessive temperature drop in the room through the automatic activation of the internal unit in pre-heating mode.

FLEXIBLE INSTALLATION

The internal units of the Ceiling/Floor range can be positioned on the wall or ceiling to ensure maximum installation flexibility.

FLOOR/CEILING

- Cooling in energy class A++
- Heating in energy class* up to A+
- Cooling capacity kW: 5.3/7.0/8.8/10.6/11.7/14.1/15.8
- Convertible installation thanks to the shape of the tray drainage tube
- Easy-to-clean panel
- Motorized vertical deflector
- Wired control KRJ-120G (optional)

FUNCTIONALITY

COMFORT				
	Wide radius spread	Follow me	Renewal air intake	Pre heating
	Coolant Leak Alarm	Self diagnosis	Alarm contact	Condensation Control
PRACTICALITY				
	Centralized command (optional)	On/off contact	LED display	Double drain pipe
	i-Remote	Multipurpose internal units (12-18)		



Condenser Model			FH2O18SF	FH2O18HT	FH2O24SF	FH2O24HP
Ceiling/Floor Models			MIFC18PS	MIFC18PS	MIFC24PS	MIFC24PS
Indoor Unit Midea Code			MUEU-18HRFNX(GA)	MUEU-18HRFNX(GA)	MUEU-24HRFNX(GA)	MUEU-24HRFNX(GA)
Evaporator Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Condenser Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz
Cooling	Capacity	Min. Nom. Max	2.91 - 5.28 - 7.0	2.91 - 5.28 - 7.0	3.22 - 7.03 - 8.31	3.22 - 7.03 - 8.31
	Rated Power Input	W (Min - Nom - Max)	720 - 950 - 1860	720 - 950 - 1860	480 - 1400 - 2200	480 - 1400 - 2200
	Current	A (Nom)	4,3	4,3	6,4	6,4
	Theoretical Load (PdesignC)	KW	5.3	5.3	7.0	7.0
	SEER		6.1	6.5	6.1	6.1
	Energy Efficiency Class		A+++	A+++	A++	A++
	Annual Energy Consumption	KWh/Y	276	276	402	402
Heating	Capacity	KW (Min - Nom - Max)		1.04 - 5.57 - 7.89		2.92 - 7.33 - 8.53
	Rated Power Input	W (Min - Nom - Max)		254 - 968 - 2320		500 - 1520 - 2880
	Current	A (Nom)		4,3		7
	Theoretical Load (PdesignH)	KW		4.7		7
	SCOP	Low/Mid/High Season		5		4,8
	Energy Efficiency Class			A+ ++		A+
	Annual Energy Consumption	KWh/Y (Mid - Hot Season)		900		1911
Efficiency	Energy Efficiency	E.E.R. / C.O.P.	5,8	5,8/5,2	5,1	5,1/4,8
Indoor Unit	Dimensions (Length-Height-Width)	mm	1068 - 235 - 675	1068 - 235 - 675	1068 - 235 - 675	1068 - 235 - 675
	Net Weight	Kg	28	28	28	28
	Packaging Dimensions	mm	1145 - 318 + 755	1145 - 318 + 755	1145 - 318 + 755	1145 - 318 + 755
	Gross Weight	Kg	33	33	33	33
	Airflow (Min - Medium - Max)	m³/min	350 - 650 - 880	350 - 650 - 880	840 - 1054 - 1250	840 - 1054 - 1250
	Sound Pressure (Silent-Min-Med-Max)	dB(A)	33 - 38 - 42	33 - 38 - 42	38 - 40 - 42	38 - 40 - 42
	Sound Power (Maximum)	dB(A)	58	58	61	61
H2O (Condensation Unit)	Dimensions (Length-Height-Width)	mm	540 - 540 - 300	540 - 540 - 300	956x810x453	956x810x453
	Gross Weight	Kg	27	27	55	55
	Sound Pressure*	dB(A)	40	40	40	40
	Sound Power	dB(A)	-	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	1/2 Female	1/2 Female
	Minimum-Maximum Water Consumption	Fixed Water Flow LT/min	3.5	3.5	5,8	5,8
	Minimum-Maximum Water Consumption	Fixed Cooling/Heating Flow Lt/min	2,5 - 3,5	2,5 - 3,5	4,5 -5,8	4,5 -5,8
	Minimum-Maximum Water Consumption	With WATER SAVER SYSTEM	0,75- 5,5	0,75- 5,5	0,80 - 6,20	0,80 - 6,20
	Minimum-Maximum Water Consumption	KUBORING	0- 2	0- 2	0 -4	0 -4
Dimensions and Limitations of the Refrigerant Circuit	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
	Liquid Side Piping	mm - inch	6.35 - 1/4	6.35 - 1/4	9.52 - 3/8	9.52 - 3/8
	Gas Side Piping	mm - inch	12.7 - 1/2	12.7 - 1/2	15.88 - 5/8	15.88 - 5/8
	Pipe Length (Precharge)	mt	5	5	5	5
	Equivalent Piping	max	30	30	50	50
	Refrigerant Liquid Increase	gr/mt	12	12	24	24
Refrigerant Fluid	Level Difference	max	20	20	25	25
	Refrigerant Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Precharged Quantity	Kg	1.15	1.15	1.4	1.4
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Electrical Connections	Main Power Supply		Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
	Condenser Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded	2P Shielded
Operating Limits	Maximum Rated Power Input	W	2200	2200	2950	2950
	Maximum Current	A	9.6	9.6	12.8	12.8
	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C	10° - 30°	10° - 30°	10° - 30°	10° - 30°

Condenser Model			FH2O36HT	FH2O36HTCT	FH2O48HPCT	FH2O60HPCT
Ceiling/Floor Models			MIFC36PS	MIFC36PS	MIFC48PS	MIFC60PS
Indoor Unit Midea Code			MUEU-36HRFNX(GA)	MUEU-36HRFNX(GA)	MUEU-48HRFNX(GA)	MUEU-55HRFNX(GA)
Evaporator Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz	1F - 220/240V 50Hz8	1F - 220/240V 50Hz9
Condenser Power Supply		Phase-FV-Hz	1F - 220/240V 50Hz	3F - 380/415V 50Hz	3F - 380/415V 50Hz	3F - 380/415V 50Hz
Cooling	Capacity	Min. Nom. Max	4.04 - 10.55 - 12.03	4.04 - 10.55 - 12.03	4.26 - 14.07 - 15.19	5.86 - 15.24 - 17.29
	Rated Power Input	W (Min - Nom - Max)	890 - 2127 - 4501	890 - 2127 - 4501	1170 - 2430 - 5699	1274 - 3200 - 6651
	Current	A (Nom)	9,66	9,66	4,18	5,5
	Theoretical Load (PdesignC)	KW	10.5	10.5	14,04	15
	SEER		5	5	5,71	5,71
	Energy Efficiency Class		A++	A++	A+ +	A++
	Annual Energy Consumption	KWh/Y	602	602	810	860
Heating	Capacity	KW (Min - Nom - Max)	2.94 - 11.48 - 13.19	2.94 - 11.48 - 13.19	3.70 - 16.16 - 18.0	4.7 - 18 - 20.5
	Rated Power Input	W (Min - Nom - Max)	720 - 2255 - 4150	720 - 2255 - 4150	948 - 2690 - 4800	1042 - 3000 - 5000
	Current	A (Nom)	10,25	3,28	4,63	7.8
	Theoretical Load (PdesignH)	KW	11,48	11,48	16,1	18
	SCOP	Low/Mid/High Season	5,1	5,1	6	6
	Energy Efficiency Class		A+ +	A+ +	A+ +	A+ +
	Annual Energy Consumption	KWh/Y (Mid - Hot Season)	2700	2700	3360	3490
Efficiency	Energy Efficiency	E.E.R. / C.O.P.	5,01/5,1	5,01/4,9	5,7/ 6	5,71 - 6
Indoor Unit	Dimensions (Length-Height-Width)	mm	1650 - 235 - 675	1650 - 235 - 675	1650 - 235 - 675	1650 - 235 - 675
	Net Weight	Kg	41	41	41	42
	Packaging Dimensions	mm	1725 - 318 - 755	1725 - 318 - 755	1725 - 318 - 755	1725 - 318 - 755
	Gross Weight	Kg	46	48	48	49
	Airflow (Min - Medium - Max)	m³/min	750 - 1150 - 1400	750 - 1150 - 1400	1680 - 2040 - 2400	1820 - 2210 - 2600
	Sound Pressure (Silent-Min-Med-Max)	dB(A)	40 - 43 - 47	40 - 43 - 48	40 - 43 - 49	40 - 43 - 50
	Sound Power (Maximum)	dB(A)	61	61	70	87
H2O (Condensation Unit)	Dimensions (Length-Height-Width)	mm	956x810x453	956x810x453	956x810x453	956x810x453
	Gross Weight	Kg	70	80	87	87
	Sound Pressure*	dB(A)	41	42	47	47
	Sound Power	dB(A)	-	-	-	-
	Water Inlet Diameter	mm	3/4 Female	3/4 Female	3/4 Female	3/4 Female
	Water Outlet Diameter	mm	1/2 Female	1/2 Female	3/4 Female	3/4 Female
	Minimum-Maximum Water Consumption	Fixed Water Flow LT/min	9	9	12	15
	Minimum-Maximum Water Consumption	Fixed Cooling/Heating Flow Lt/min	7,2 - 9	7,2 - 9	10 - 12,2	10,1 - 15,0
	Minimum-Maximum Water Consumption	With WATER SAVER SYSTEM	1 - 8,5	1 - 8,5	2 - 12,0	2,5 - 13
	Minimum-Maximum Water Consumption	KUBORING	0- 6,4	0- 6,4	0- 6,4	0- 7,24
	Heat Exchanger	Type	pipe in pipe	pipe in pipe	pipe in pipe	pipe in pipe
	Compressor Type		ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER	ROTARY DC INVERTER
	Liquid Side Piping	mm - inch	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
	Gas Side Piping	mm - inch	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8	15.88 - 5/8
Dimensions and Limitations of the Refrigerant Circuit	Pipe Length (Precharge)	mt	5	5	5	5
	Equivalent Piping	max	50	50	50	50
	Refrigerant Liquid Increase	gr/mt	24	24	24	24
	Level Difference	max	20	20	20	20
	Refrigerant Fluid	Refrigerant Type	R32	R32	R32	R32
	GWP		675	675	675	675
	Precharged Quantity	Kg	2.4	2.4	2.8	2.95
	Test Pressure (High/Low Side)	Mpa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
	Electrical Connections	Main Power Supply	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
	Condenser Connection	N° Conductors	2P + Ground	4P + Ground	4P + Ground	4P + Ground
	Evaporator Connection	N° Conductors	2P + Ground	2P + Ground	2P + Ground	2P + Ground
	Condenser-Evaporator Connection	N° Conductors	2P Shielded	2P Shielded	2P Shielded	2P Shielded
	Maximum Rated Power Input	W	4700	5600	6200	7500
	Maximum Current	A	20	8.2	8.8	10.6
Operating Limits	Water Temperature	Cooling (Min - Max) °C	8°-27°	8°-27°	8°-27°	8°-27°
		Heating (Min - Max) °C	10° - 30°	10° - 30°	10° - 30°	10° - 30°

VRF

VARIABLE REFRIGERANT FLOW

WATER-COOLED, LOSS-TYPE, TOWER
RING EVAPORATIVE, AND SLOPED SYSTEMS.



THE PERFECT COMBINATION OF EFFICIENCY AND FLEXIBILITY.

Innovative compressor technology

Toshiba's rotary compressor technology delivers excellent performance for all SMMS systems without compromising on reliability.

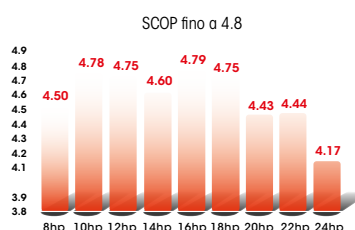
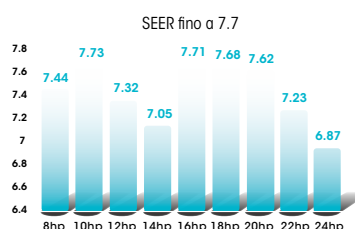


- High Capacity
- Lower refrigerant usage
- Low noise level
- Wide operating range
- Low vibrations
- DLC treatment

To maximize efficiency, the Toshiba inverter control can adjust the compressor's rotational speed in steps of just 0.1 Hz.

Very high levels of efficiency.

The use of highly efficient core technologies results in better performance and greater energy efficiency.



Great adaptability.

SMMS-u integrates a series of new features that allow it to adapt its operation based on the requirements of each individual environment, while maintaining a constant goal: the combination of comfort and energy savings.

- Heat exchanger in split version
- Demand monitoring
- Auto-backup function
- Rotary drive
- Optimized heating
- Compact indoor units
- Operating range 25/+52°C

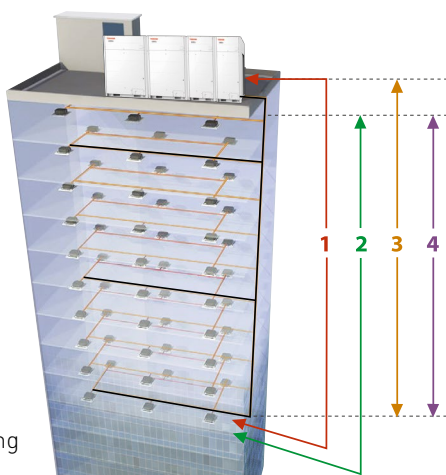
FLEXIBLE DESIGN AND QUICK INSTALLATION

Flexibility in Piping Layout

Thanks to its technology, Toshiba is a leader in the industry for system flexibility and ease of installation. With the VRF system of the -u series, it reaches an even higher level of flexibility, offering a wide range of possibilities for both builders and installers.

Simplified Connection

For streamlined installation, Y-joints are used to connect the outdoor and indoor units, thus limiting the number of bends and brazing.



- 1** Total Piping Length:
Up to 1,200 m
- 2** Maximum Equivalent Length:
Up to 250 m
- 3** Equivalent Length of the Farthest Unit After the 1st Branch:
Up to 90 m
- 4** Height Difference Between Outdoor and Indoor Units:
Up to 110 m

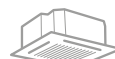
WIDE RANGE OF INDOOR UNITS



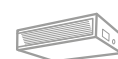
WIDE RANGE OF INDOOR UNITS

The wide selection of indoor unit models increases design flexibility and reduces costs for the property owner by allowing the installation of the most suitable system.

- 17 different types of indoor units
- Capacity from 0.3 HP to 14 HP
- Functions for heating, cooling, fresh air renewal, and hot water production



CASSETTA



CANALIZZABILE



SOFFITTO



CONSOLE

MODULO PER
ACQUA CALDASOLUZIONI PER ARIA
DI RINNOVO

SUPERIOR CLIMATIZATION COMFORT

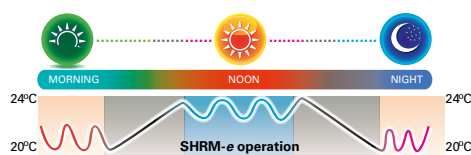
Optimized heating functions

The Toshiba VRF system allows for continuous heating even during the defrosting operations of the outdoor units, thanks to the integrated Kobetsu and Renkei functions in the SMMS-u model. This ensures uninterrupted operation of the indoor units with only a minimal reduction in capacity, resulting in a continuous flow of warm air for maximum user comfort.



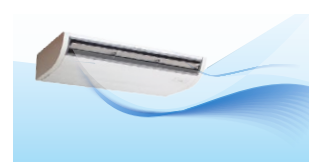
Dual Set Point for Greater Precision

The Dual Set Point system enhances the system's energy efficiency by reducing overall operating costs, with extended periods without performing any thermal treatment on the air (thermo OFF mode). It allows users to individually set the heating and cooling temperature at which the indoor unit starts operating, providing maximum flexibility.



Cooling Comfort with Soft Cooling Mode

The development of the Soft Cooling mode also sets a new standard of comfort in cooling mode. With this function, users can customize the intensity, angle, and direction of the airflow directly from the remote control, enjoying the comfort of a properly cooled environment without direct exposure to cold drafts.



Low Consumption for Reduced Operating Costs

Excellent comfort doesn't mean high consumption. By using a DC motor, a large air discharge surface, and the special "magic coil" coating on the coil, Toshiba drastically reduces the energy consumption of the indoor unit.

No Compromise on Air Quality



All indoor units are equipped with air intake filters. A symbol on the remote control alerts users when it's time to clean the filters.

Example of a 4-way cassette, size 7:



	ELECTRONIC BOARD	FAN	CONDENSATE DRAIN PUMP	TOTAL
Low fan speed	4 W	6 W	3 W	13 W
Medium fan speed	4 W	7 W	3 W	14 W
High fan speed	4 W	9 W	3 W	16 W

INDOOR UNITS COMPATIBLE WITH VRF CONDENSERS

GAMMA COMPLETA DI UNITÀ INTERNE													
Tipo di modello	Modello	SMMSu	SHRMe	SMMSe One	MINI SMMSe	SIDE BLOW	Codice di potenza (HP)	Capacità di raffresc. (kW)	Capacità di riscald. (kW)	Altezza (mm)	Larghezza (mm)	Profondità (mm)	Peso (kg)
Cassetta Smart a 4 vie ad Alta Efficienza* 	MMU-UP0091H-E	•					1	2,8	3,2	256			18
	MMU-UP0121H-E	•					1,25	3,6	4				
	MMU-UP0151H-E	•					1,7	4,5	5				
	MMU-UP0181H-E	•					2	5,6	6,3				
	MMU-UP0241H-E	•					2,5	7,1	8				
	MMU-UP0271H-E	•					3	8	9				
	MMU-UP0301H-E	•					3,2	9	10				
	MMU-UP0361H-E	•					4	11,2	12,5				
	MMU-UP0481H-E	•					5	14	16				
Cassetta a 4 vie standard * 	MMU-UP0091HP-E	•	•	•	•	•	1	2,8	3,2	256			18
	MMU-UP0121HP-E	•	•	•	•	•	1,25	3,6	4				
	MMU-UP0151HP-E	•	•	•	•	•	1,7	4,5	5				
	MMU-UP0181HP-E	•	•	•	•	•	2	5,6	6,3				
	MMU-UP0241HP-E	•	•	•	•	•	2,5	7,1	8				
	MMU-UP0271HP-E	•	•	•	•	•	3	8	9				
	MMU-UP0301HP-E	•	•	•	•	•	3,2	9	10				
	MMU-UP0361HP-E	•	•	•	•	•	4	11,2	12,5				
	MMU-UP0481HP-E	•	•	•	•	•	5	14	16				
Cassetta a 4 vie compatta* 	MMU-UP0051MH-E	•	•	•	•	•	0,6	1,7	1,9	256			
	MMU-UP0071MH-E	•	•	•	•	•	0,8	2,2	2,5				
	MMU-UP0091MH-E	•	•	•	•	•	1	2,8	3,2				
	MMU-UP0121MH-E	•	•	•	•	•	1,25	3,6	4				
	MMU-UP0151MH-E	•	•	•	•	•	1,7	4,5	5				
	MMU-UP0181MH-E	•	•	•	•	•	2	5,6	6,3				
Cassetta a 2 vie * 	MMU-UP0071WH-E	•	•	•	•	•	0,8	2,2	2,5	295			
	MMU-UP0091WH-E	•	•	•	•	•	1	2,8	3,2				
	MMU-UP0121WH-E	•	•	•	•	•	1,25	3,6	4				
	MMU-UP0151WH-E	•	•	•	•	•	1,7	4,5	5				
	MMU-UP0181WH-E	•	•	•	•	•	2	5,6	6,3				
	MMU-UP0241WH-E	•	•	•	•	•	2,5	7,1	8				
	MMU-UP0271WH-E	•	•	•	•	•	3	8	9				
	MMU-UP0301WH-E	•	•	•	•	•	3,2	9	10				
	MMU-UP0361WH-E	•	•	•	•	•	4	11,2	12,5				
	MMU-UP0481WH-E	•	•	•	•	•	5	14	16				
Cassetta a 1 via * 	MMU-UP0031YHP-E	•					0,3	0,9	1,3	150			
	MMU-UP0051YHP-E	•	•	•	•	•	0,6	1,7	1,9				
	MMU-UP0071YHP-E	•	•	•	•	•	0,8	2,2	2,5				
	MMU-UP0091YHP-E	•	•	•	•	•	1	2,8	3,2				
	MMU-UP0121YHP-E	•	•	•	•	•	1,25	3,6	4				
	MMU-UP0151SH-E	•	•	•	•	•	1,7	4,5	5				
	MMU-UP0181SH-E	•	•	•	•	•	2	5,6	6,3				
Canalizzabile ribassata 	MMU-UP0241SH-E	•	•	•	•	•	2,5	7,1	8				
	MMD-UP0031SPHY-E	•					0,3	0,9	1				
	MMD-UP0051SPHY-E	•	•	•	•	•	0,6	1,7	1,9				
	MMD-UP0071SPHY-E	•	•	•	•	•	0,8	2,2	2,5				
	MMD-UP0091SPHY-E	•	•	•	•	•	1	2,8	3,2				
	MMD-UP0121SPHY-E	•	•	•	•	•	1,25	3,6	4				
	MMD-UP0151SPHY-E	•	•	•	•	•	1,7	4,5	5				
	MMD-UP0181SPHY-E	•	•	•	•	•	2	5,6	6,3				
	MMD-UP0241SPHY-E	•	•	•	•	•	2,5	7,1	8				
	MMD-UP0271SPHY-E	•	•	•	•	•	3	8	9				

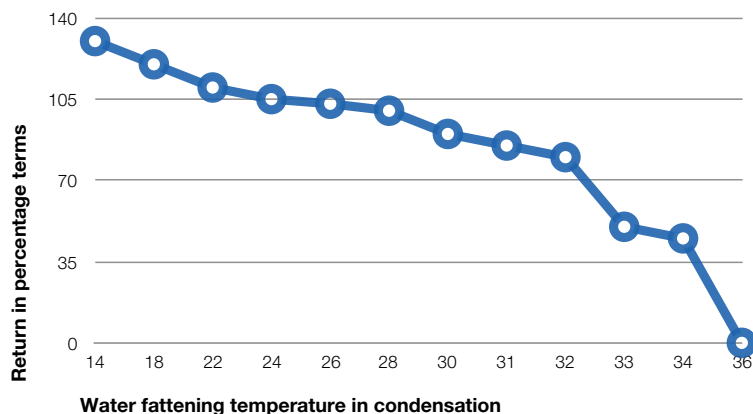
INDOOR UNITS COMPATIBLE WITH VRF CONDENSERS

		GAMMA COMPLETA DI UNITÀ INTERNE											
Tipo di modello	Modello	SMMSu	SHRMe	SMMSe One	MINI SMMSe	SIDE BLOW	Codice di potenza (HP)	Capacità di raffresc. (kW)	Capacità di riscald. (kW)	Altezza (mm)	Larghezza (mm)	Profondità (mm)	Peso (kg)
Canalizzabile standard 	MMD-UP0051BHP-E	•	•	•	•	•	0,6	1,7	1,9	275	700	750	23
	MMD-UP0071BHP-E	•	•	•	•	•	0,8	2,2	2,5				
	MMD-UP0091BHP-E	•	•	•	•	•	1	2,8	3,2				
	MMD-UP0121BHP-E	•	•	•	•	•	1,25	3,6	4				
	MMD-UP0151BHP-E	•	•	•	•	•	1,7	4,5	5				
	MMD-UP0181BHP-E	•	•	•	•	•	2	5,6	6,3				
	MMD-UP0241BHP-E	•	•	•	•	•	2,5	7,1	8		1000	1400	30
	MMD-UP0271BHP-E	•	•	•	•	•	3	8	9				
	MMD-UP0301BHP-E	•	•	•	•	•	3,2	9	10				
	MMD-UP0361BHP-E	•	•	•	•	•	4	11,2	12,5				
	MMD-UP0481BHP-E	•	•	•	•	•	5	14	16				
	MMD-UP0561BHP-E	•	•	•	•	•	6	16	18				
Canalizzabile ad alta prevalenza 	MMD-UP0181HP-E	•	•	•	•	•	2	5,6	6,3	298	1000	750	34
	MMD-UP0241HP-E	•	•	•	•	•	2,5	7,1	8				
	MMD-UP0271HP-E	•	•	•	•	•	3	8	9				
	MMD-UP0361HP-E	•	•	•	•	•	4	11,2	12,5				
	MMD-UP0481HP-E	•	•	•	•	•	5	14	16		1400	900	43
	MMD-UP0561HP-E	•	•	•	•	•	6	16	18				
	MMD-UP0721HP-E1	•	•	•			8	22,4	25				
	MMD-UP0961HP-E1	•	•	•			10	28	31,5				
Canalizzabile a tutta aria esterna 	MMD-UP0481HFP-E	•					5	14	8,9	327	1430	900	99
	MMD-UP0721HFP-E	•					8	22,4	13,9				
	MMD-UP0961HFP-E	•					10	28	17,4				
	MMD-UP1121HFP-E	•					12	33,5	20,8				
	MMD-UP1281HFP-E	•					14	40	25,2				
Unità a parete 	MMK-UP0031HP-E	•					0,3	0,9	1,3	293	798	230	11
	MMK-UP0051HP-E	•	•	•	•	•	0,6	1,7	1,9				
	MMK-UP0071HP-E	•	•	•	•	•	0,8	2,2	2,5				
	MMK-UP0091HP-E	•	•	•	•	•	1	2,8	3,2				
	MMK-UP0121HP-E	•	•	•	•	•	1,25	3,6	4				
	MMK-UP0151HP-E	•	•	•	•	•	1,5	4,5	5,0	320	1050	250	16
	MMK-UP0181HP-E	•	•	•	•	•	2	5,6	6,3				
	MMK-UP0241HP-E	•	•	•	•	•	2,5	7,1	8,0				
	MMK-UP0271HP-E	•	•	•	•	•	3	8	9,0	350	1200	280	20
	MMK-UP0301HP-E	•	•	•	•	•	3,2	9	10				
	MMK-UP0361HP-E	•	•	•	•	•	4	10	11,2				
Unità a parete senza valvola PMV 	MMK-UP0031HPL-E	•					0,3	0,9	1,3	293	798	230	11
	MMK-UP0051HPL-E	•	•	•	•	•	0,6	1,7	1,9				
	MMK-UP0071HPL-E	•	•	•	•	•	0,8	2,2	2,5				
	MMK-UP0091HPL-E	•	•	•	•	•	1	2,8	3,2				
	MMK-UP0121HPL-E	•	•	•	•	•	1,25	3,6	4	320	1050	250	16
	MMK-UP0151HPL-E	•	•	•	•	•	1,5	4,5	5,0				
	MMK-UP0181HPL-E	•	•	•	•	•	2	5,6	6,3				
	MMK-UP0241HPL-E	•	•	•	•	•	2,5	7,1	8,0				
Pensile a soffitto 	MMC-UP0151HP-E	•	•	•	•	•	1,7	4,5	5	235	950	690	24
	MMC-UP0181HP-E	•	•	•	•	•	2	5,6	6,3				
	MMC-UP0241HP-E	•	•	•	•	•	2,5	7,1	8		1270		30
	MMC-UP0271HP-E	•	•	•	•	•	3	8	9				
	MMC-UP0361HP-E	•	•	•	•	•	4	11,2	12,5		1586		39
	MMC-UP0481HP-E	•	•	•	•	•	5	14	16				
	MMC-UP0561HP-E	•	•	•	•	•	6	16	18				

WATER COOLED PERFORMANCE TABLE

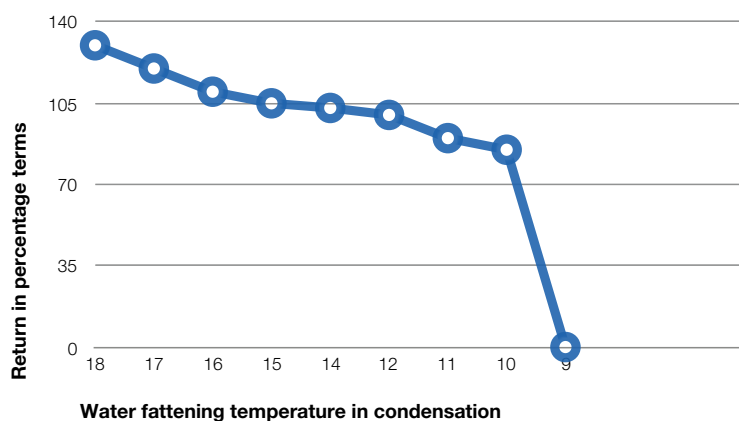
The table is valid for all water-condensed models. The table has been drawn up according to refrigerants R410 A and R 32

Cooling



All operating ratings in cooling mode are guaranteed up to a condensation side input water temperature of 28 °C. Below this value all parameters of yield, electrical consumption and yield improve.

Heating

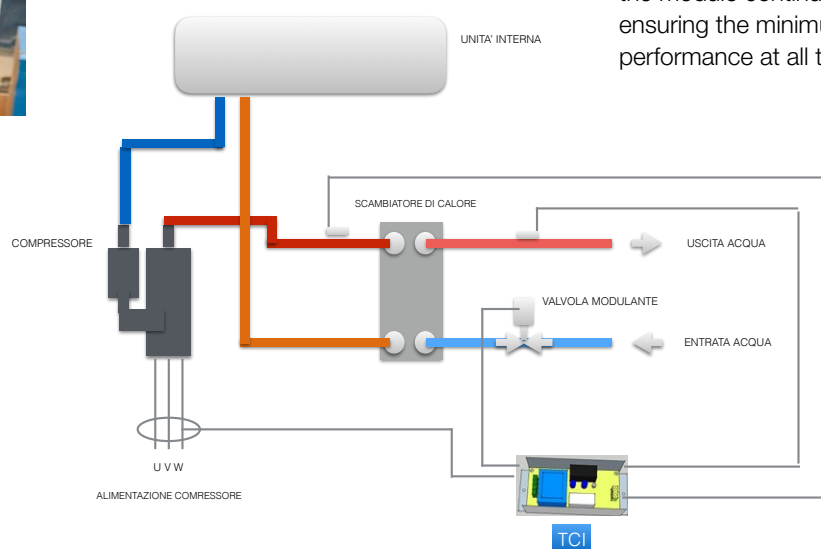


All operating ratings in the heating mode are guaranteed up to a condensation side input water temperature of 12 C°. Above this value all the performance parameters, electrical consumption and yield, improve, below perggiorano up to the block for antifreeze intervention at 5 C°

ACCESSORIES



WATER SAVER



The TCI device was designed by our company to optimize and minimize water consumption. The board monitors the compressor frequency, the refrigerant and water temperatures, and identifies whether the air conditioner is operating in heating or cooling mode. During these continuous checks, the module continuously adjusts the water valve, ensuring the minimum consumption with optimal performance at all times.

MINI VRF A 2 TUBI

SIDE BLOW



Compact, efficient, versatile, with optimal energy-saving features, the side blow VRF is the ideal solution for cooling and heating medium-small size buildings.



CAPACITÀ



4HP > 6HP

FUNZIONAMENTO



-20°C > +46°C

Caratteristiche

Unità esterna		MCY WC 0404HT-E	MCY WC 0504HT-E	MCY WC 0604HT-E
		4 HP	5 HP	6 HP
Capacità di raffrescamento ¹	kW	12,1	14,0	15,5
SEER		8,95	7,77	9,21
Corrente a regime	A	13,8	19,9	19,7
Capacità di riscaldamento ²	kW	12,5	16,0	18,0
SCOP		4,02	3,88	4,21
Corrente a regime	A	12,8	18,3	20,4
Corrente di spunto	A	1	1	1
Corrente massima MCA ³	A	26,5	28,0	28,0
Potenza massima assorbita	kW	n.d.	n.d.	6,5
Consumo acqua in modalità a perdere	m³/h -	0,25-0,70	0,25 - 0,90	0,29 - 1,59
Livello di pressione sonora (raffrescamento/riscaldamento) ⁴	dB(A)	44/44	44/44	44/44
Intervallo di funzionamento in condizionamento	°C	8 ÷ 30	8 - 30	8 ÷ 30
Intervallo di funzionamento in riscaldamento - bulbo umido	°C	30 ÷ 12	30 ÷ 12	30 ÷ 12
Dimensioni (A x L x P)	mm	910 x 990 x 390	910 x 990 x 390	1235x990x390
Peso	kg	100	100	116
Compressore		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Refrigerante-Precarica Kg-TCO ₂ Eq-GWP ⁵		R410-3,3-6,89-2088	R410-3,3-6,89-2088	R410-3,3-6,89-2088
Conessioni acqua in/out		3/4	3/4	3/4
Linea del gas - diametro	Pollici - mm	A cartella - 5/8" - 15,9	A cartella - 5/8" - 15,9	A cartella - 5/8" - 15,9
Linea del liquido - diametro	Pollici - mm	A cartella - 3/8" - 9,5	A cartella - 3/8" - 9,5	A cartella - 3/8" - 9,5
Massima lunghezza equivalente del circuito più lungo ⁶	m	60	60	60
Massima lunghezza effettiva del circuito più lungo ⁶	m	50	50	50
Estensione totale del circuito ⁶	m	90	90	90
Massimo dislivello (unità interne sopra/sotto)	m	15/15	15/15	15/15
Numero di unità interne collegabili (max)		8	10	6
Capacità totale delle unità interne collegate (min-max)	HP	3,2 - 5,2	4,0 - 6,5	4,8 - 7,8
Alimentazione ⁷	V-ph-Hz	220/240-1-50 220-1-60	220/240-1-50 220-1-60	220/240-1-50
Detraibilità fiscale		65%	65%	65%
Conto Termico		CT	CT	CT

1) Con una temperatura interna di 27°C BS/19°C BU ed una temperatura acqua di 15°C.

2) Con una temperatura interna di 20°C BS ed una temperatura acqua di 15°C.

3) Selezionare la dimensione del cavo di alimentazione sul valore maggiore di MCA.

MCA: Ampere circuito minimo

4) Il livello di pressione sonora è indicato alla distanza di 1 m e all'altezza di 1,5 m dalle unità esterne.

5) La dose non considera la lunghezza extra della tubazione e il tipo di unità interna.

Il refrigerante deve essere aggiunto in loco in base alla lunghezza effettiva delle tubazioni e al tipo di unità interna.

6) Con l'utilizzo del PMV Kit: massima lunghezza equivalente del circuito più lungo (50 m); massima lunghezza effettiva del circuito più lungo (40 m); estensione totale del circuito (75 m). Comunque, per limiti e lunghezze verificare sempre il Databook tecnico.

7) La tensione di alimentazione non deve oscillare più del ± 10%.

I valori di SEER e di SCOP indicati sono in abbinamento con la cassetta standard 90x90. Per i valori con altra tipologia di unità interne, consultare i databook e il sito Ecodesign di Toshiba.

ACCESSORIES



WIRING ADAPTER

T-WD-RC01

T-WDCC-RC01

With these accessories you can connect the internal units of the "PRO range" with wired controls (optional accessories not included in the kit), or drive the unit according to an ON-OFF device external to the product and dislocate the alarm condition of the unit outside it.



WIRED CONTROL

KJR-12B/DP

Wired control for internal units supplied with cable length of 7 m (can be used in matching with products and adapter T-WD-RC01 wiring).

WIRED CONTROL

KJR-120C/T-FE OR T-F1

Wired control for connecting to internal units. Weekly timer with back-up function in case of interruption in the supply of electric energy. Supplied with cable connection to Equipment (7 m).

Option not available for Console model:

- KJR-120C/T-FE flush control per unit Internal 4 way cassettes
- KJR-120C/T-F1 wired control for application with wiring adapter for internal units.



ACCESSORIES



SMART KITS

SK-103

Optional SK-103 device allows you to connect the indoor units you have installed, to a Dedicated control using Wireless Lan. In this way the units can be managed and remotely controlled through a mobile and a dedicated app

Note: the image of Smart Kit SK-103 it is provided for illustrative purposes only.



REMOTE CONTROLS

RG58 (B2H)

RG10 (B)

RG58 (2)

RG70E (2)

RG70 (B)

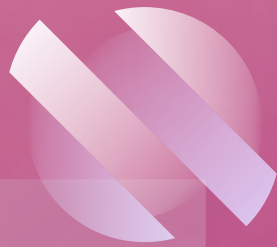
Note: Remote control images are provided for illustration purposes only.

SMART KIT ADAPTER FOR LCAC UNIT

WF-60A1-C

Adapter for connecting the Smart Kit to the internal units of the LCAC range. Includes SK-103 Smart Kit and Infrared Control for AP Mode Activation





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