

# KLIMAIRE DIY™ SERIES

UP TO SEER2 24 - HSPF2 10.5

## Comfort Solutions

Ductless Mini Split **Single & Multi-Zone** Heat Pump Systems

KOIQ-KIWQ Single Zone • KIWP-KMIP Multi Zone



Our KLIMAIRE DIY™ SERIES deliver versatile solutions for any project layout.

CONNECT UP TO  
INDOOR UNITS!

5

5

4

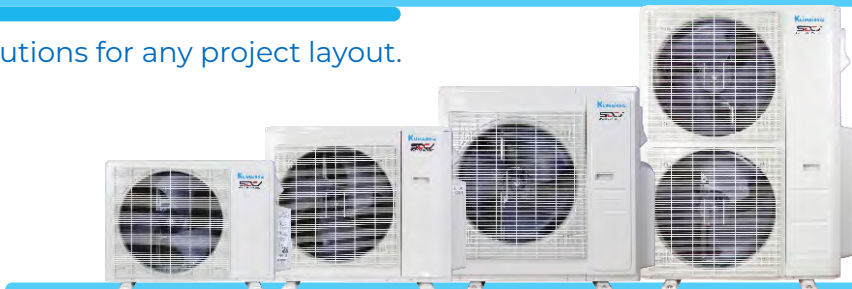
1

2

3



www.klimaite.com





## INVERTER-DRIVEN TECHNOLOGY

Klimaire Inverter-driven technology eliminates the traditional start-stop cycle by allowing the compressor to run only as fast as needed to reach and maintain the desired temperature. Much like cruise control in a car, the system adjusts output smoothly and efficiently, using only the energy required to heat or cool your space. This greatly reduces energy waste, lowers utility bills, and keeps operation whisper-quiet.

Because the compressor modulates instead of shutting off and restarting, the system responds faster, maintains more stable temperatures, and delivers reliable performance—even in extreme outdoor conditions.

### HOMEOWNERS BENEFIT WITH:



More heat at lower outdoor temperatures



Lower RPMs for quieter operation



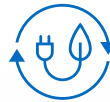
Desired temperature reached in half the time



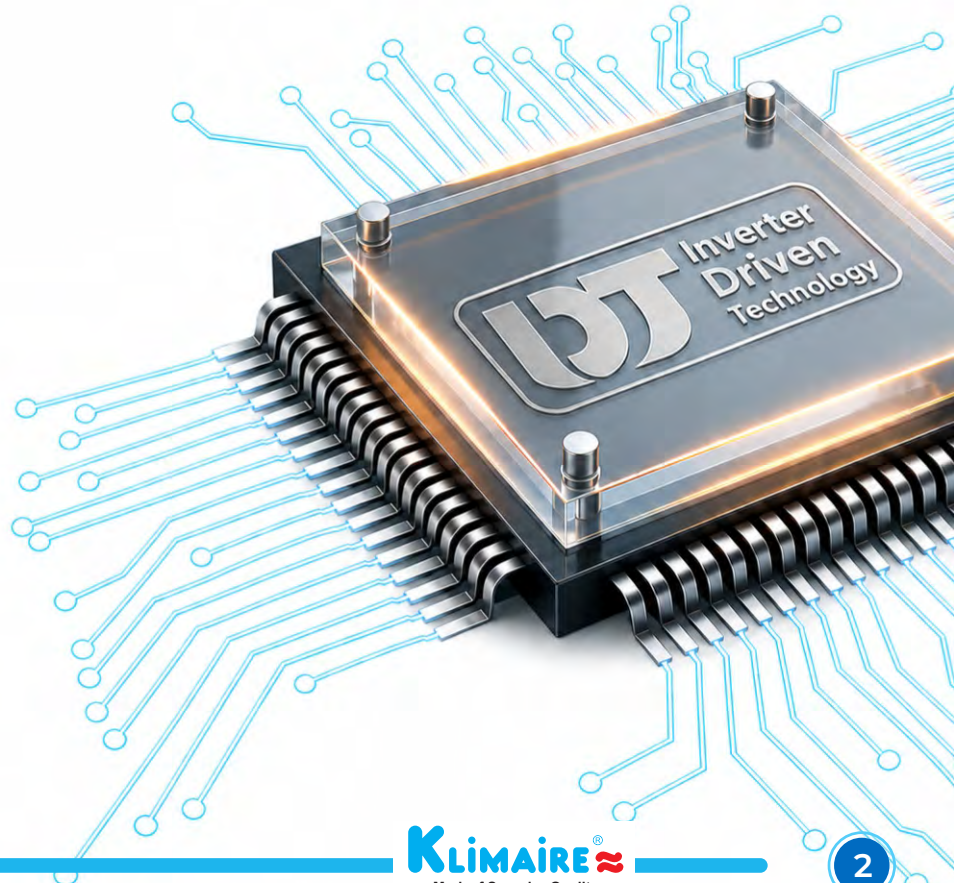
Inverter-Driven Compressor



Consistently stable, comfortable temperature



Up to 30% greater efficiency

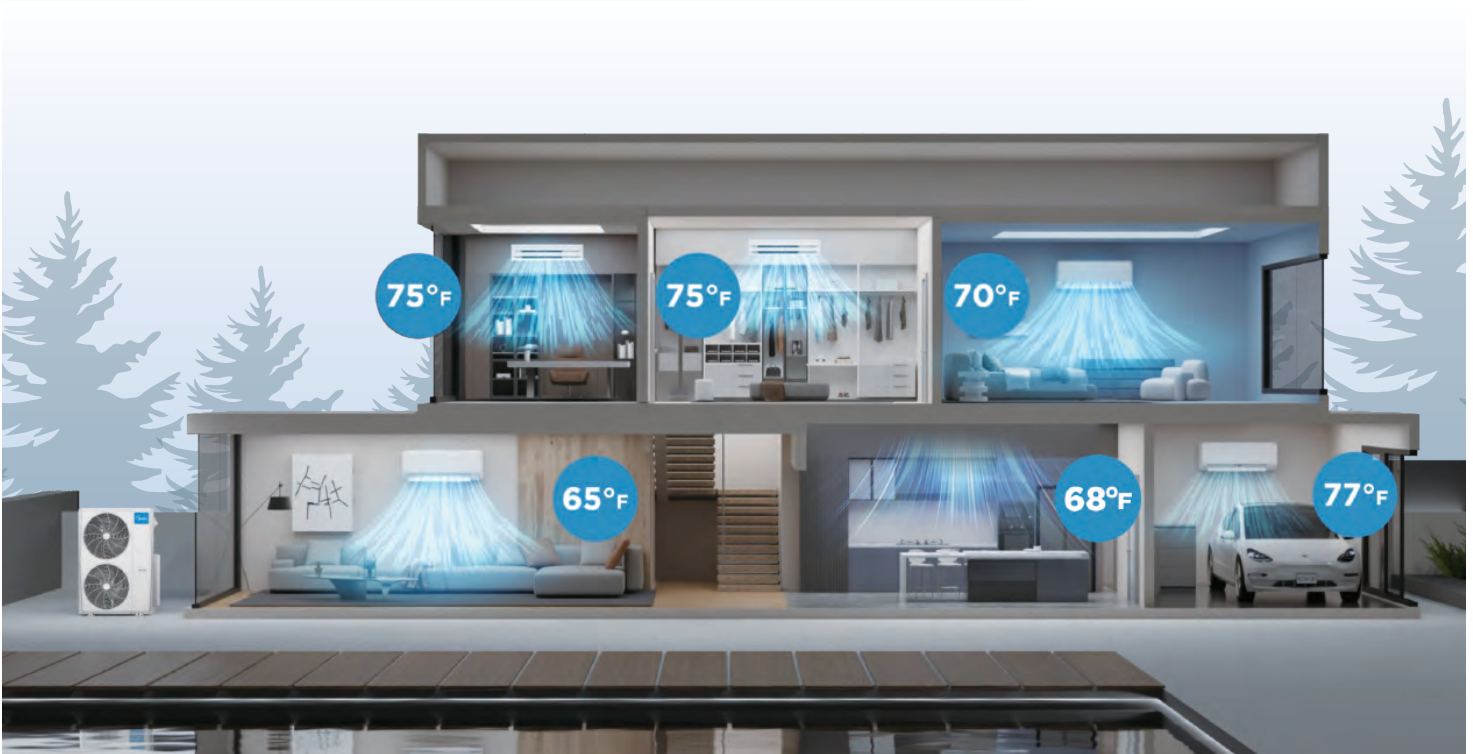




## KLIMAIRE COMFORT SOLUTION TRUE COMFORT FOR EVERY SPACE

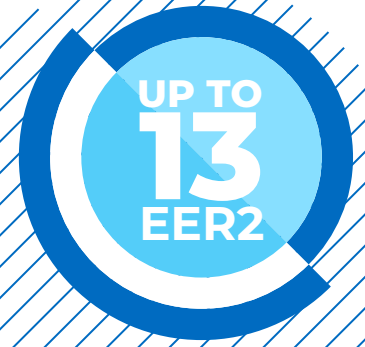
### SINGLE ZONE

With a single zone mini split system, homeowners can precisely control the temperature and mode of a specific room or area, tailoring comfort to match how that space is used. — maximizing personal comfort while reducing unnecessary energy use in the rest of the home



### MULTI ZONE

With a multi zone mini split system, a single outdoor unit independently controls the temperature and mode in each room, allowing every family member to enjoy personalized comfort throughout the home. — boosting comfort while cutting energy waste. By automatically shifting capacity from unoccupied to occupied spaces, multi zone systems typically require 25% less total capacity than a conventional ducted system, making them a smarter and more efficient whole-home solution.



## COMFORT-WISE™ SYSTEMS

Klimaire Comfort-Wise Systems are designed to make home comfort easier, faster, and more affordable than ever. Built around Klimaire's advanced ductless mini-split technology, these DIY-friendly systems deliver efficient heating and cooling without the complexity of a traditional HVAC installation.

Engineered for simple, plug-and-play setup, Comfort-Wise systems feature factory pre-charged refrigerant lines, E-Z Kuick Connect™ fittings, pre-charged line sets - eliminating the need for vacuum pumps, gauges, refrigerant handling, and pre-attached interconnecting cable with polarized easy connect plugor specialized HVAC tools. The result is a faster, cleaner installation process that helps homeowners save both time and installation costs.



Powered by advanced inverter technology, Klimaire comfort-wise systems provide quiet, energy-efficient performance with precise temperature control for personalized comfort in every room. Whether for single-zone or multi-zone applications, these systems are designed to deliver reliable year-round heating and cooling, even in challenging outdoor conditions.

With high-efficiency ratings, eco-friendly refrigerant technology, and flexible installation options, Klimaire offers a smarter way to enjoy customized indoor comfort - without the hassle of traditional ducted systems.



# REVOLUTIONARY DO IT YOURSELF QUICK CONNECT

- Fully factory pre-charged system.
- Interconnecting cable with polarized plug for speeding indoor/outdoor interconnection, reduces field wiring installation errors.
- No vacuuming necessary with pre-charged quick connect refrigerant lines.
- E-Z KUICK connect refrigerant Tubing Kit (25ft) shortens installation time.



**INDOOR UNIT**

**E-Z KUICK CONNECT REFRIGERANT TUBING KIT**

**OUTDOOR UNIT**

**ELECTRICAL CONNECTION WITH QUICK CONNECT PLUG**

**REFRIGERANT LINE COVER**

**REFRIGERANT QUIK CONNECT**



**OPTIONAL OUTDOOR INSTALLATION ON WALL BRACKET**



## E-Z KUICK CONNECT™

**The Smarter Way to Cool and Heat Your Home — No Contractor Required.** Klimaire's 5th Generation DIY Series delivers professional-grade comfort without the professional installation cost. Engineered with advanced HVAC technology, our systems are designed for a truly hassle-free setup — no specialized tools or licensed contractor required.

**Plug-in simplicity. Zero guesswork.** Each unit comes factory pre-charged with quick-connect line sets and a 4-wire communication cable — no vacuum pump, no gauges, no field wiring required. Just connect, power on, and enjoy.



**1**

**REMOVE CAPS**  
Remove the black and blue protective caps from the outdoor unit connection pots.

**2**

**ALIGN**  
Align the E-Z Kuick Connect™ fittings with the matching ports on the outdoor unit. The connectors are designed simple alignment.

**3**

**CONNECT & SECURE**  
Insert and tighten the male and female fittings until securely connected. The factory-sealed quick-connect design helps simplify installation.

**4**

**COMPLETE**  
Once both fittings are fully connected, the system is ready for the next installation step. Fast, easy and worry-free.

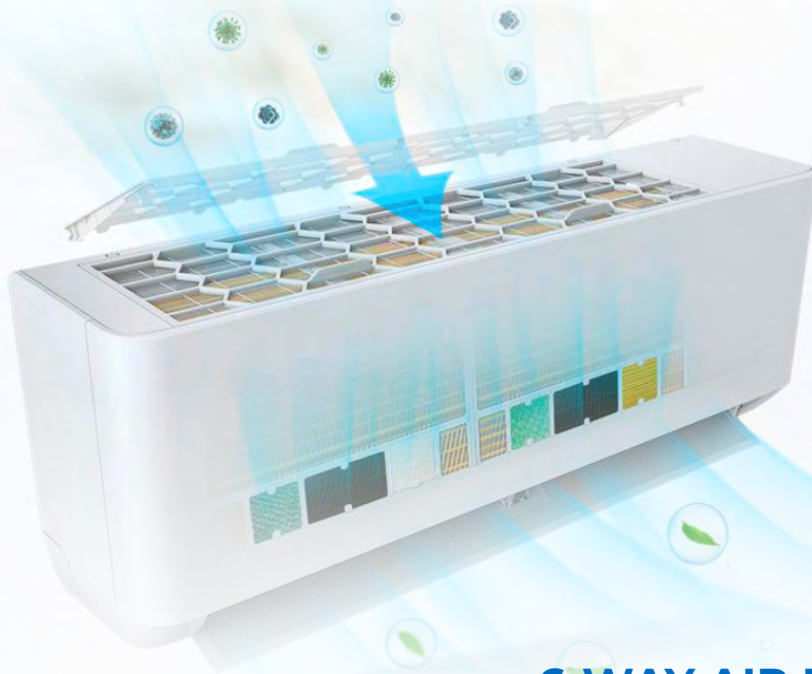
**Smart control at your fingertips.** Manage your comfort from anywhere with the Klimaire app — adjust temperature, set schedules, and monitor energy usage to keep your bills under control.

**AHRI Certified. Four sizes available.** Available in 9,000 / 12,000 / 18,000 / 24,000 / 36,000 BTU to fit any room size, backed by certified performance and Klimaire's comprehensive warranty.



## INDOOR AIR QUALITY (HEALTHY AIR FILTRATION)

Enjoy cleaner, fresher, and healthier indoor air with two advanced 3-in-1 filtration technology designed to enhance everyday comfort. Advanced 6 Filter Air Wellness System work together to help reduce odors, airborne particles, and allergens while delivering a refreshing airflow that creates a more pleasant and revitalizing home environment for you and your family.



Clean & Healthy Air



Reduce Odors & Harmful Gases



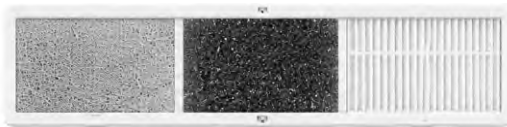
Captures Dust & Allergens



Fresher Indoor Environment

## 6-WAY AIR PURIFICATION SYSTEM

### 3-IN-1 FILTER PURIFICATION



#### PHOTOCATALYST

UV light activates a TiO<sub>2</sub> coating, producing hydroxyl radicals from moisture in the air. These radicals chemically break down pollutants into CO<sub>2</sub> and water — destroying them rather than storing them.

*Bacteria · Viruses · VOCs*



#### ACTIVATED CARBON

Carbon is heated to create millions of microscopic pores, giving it a massive surface area. Gas and odour molecules passing through bond to these pores and become permanently trapped.

*Odors · Smoke · VOCs*

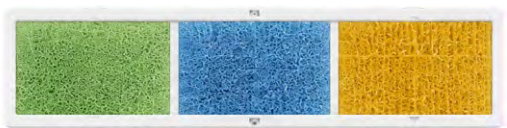


#### STATIC FREE

The filter carries a permanent electrostatic charge. As particles pass through, they gain a charge and are pulled onto the oppositely charged fibres — capturing particles smaller than the physical gaps allow.

*Dust · Pollen · PM2.5*

### 3-IN-1 FILTER FRESH AIR & WELLNESS



#### TEA POLYPHENOLS

Natural plant compounds from tea are infused into the filter. They disrupt the cell membranes of micro-organisms on contact and also denature allergen proteins, neutralising them after capture.

*Bacteria · Allergens · Mold*



#### ANION

Negative ions are emitted and attach to positively charged airborne particles. This extra weight causes particles to clump and fall out of the air, clearing them from the breathing zone.

*Dust · Dander · Pollen*



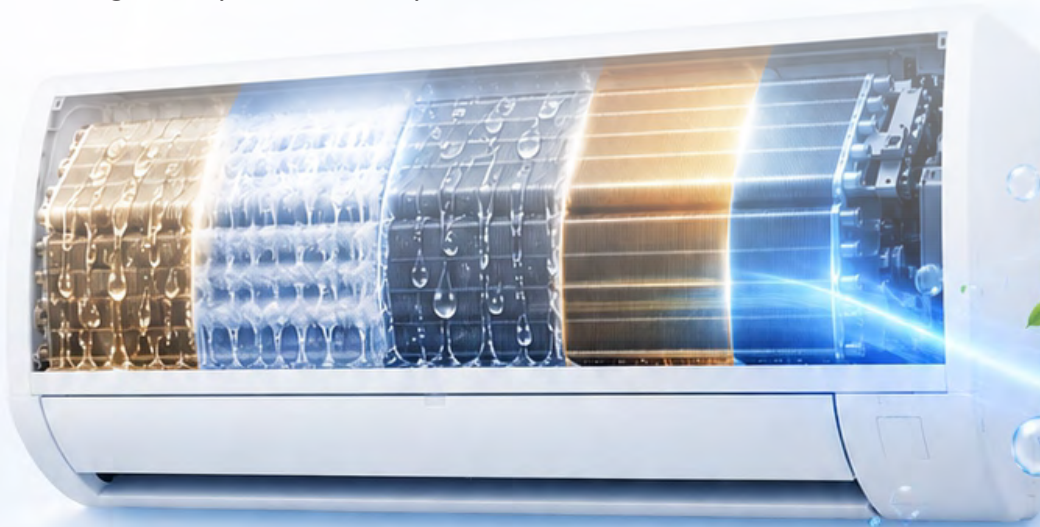
#### VITAMIN C

Ascorbic acid is slowly released into the airflow as air passes through. Rather than filtering pollutants out, it actively adds an antioxidant compound that neutralises free radicals in the air.

*Air freshness · Free radicals*

## SELF CLEANING TECHNOLOGY DESIGNED TO KEEP YOUR AC FRESH INSIDE

Self-Cleaning Technology helps keep your indoor unit fresh, hygienic and operating at peak performance by automatically removing dust, moisture and harmful bacteria buildup from the evaporator coil. Designed to deliver cleaner, healthier air, this intelligent cleaning cycle helps reduce odors, prevent mold growth and improve long-term system efficiency.



### 4-STEP AUTO CLEANING PROCESS

~4 min

**01**

**Moisture  
Collection**



Condensation captures dust and airborne particles.

~16 min

**02**

**Freeze  
Cleaning**



The coil freezes accumulated contaminants.

~15 min

**03**

**Defrost  
& Drain**

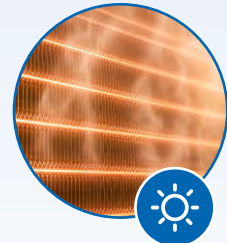


Dirt and residue are flushed away safely.

~4 min

**04**

**High-Temperature  
Drying**



Helps prevent mold and bacteria growth inside the unit.



**Cleaner Air**

Enjoy fresher, cleaner indoor air every day.



**Reduced Odors**

Eliminates musty smells caused by moisture and dirt.



**Anti-Bacterial  
Protection**

Helps reduce bacteria, mold and allergens.



**Low Maintenance**

Keeps the indoor coil Clean automatically For worry-free comfort.



## R-454B FACTORY PRE-CHARGED

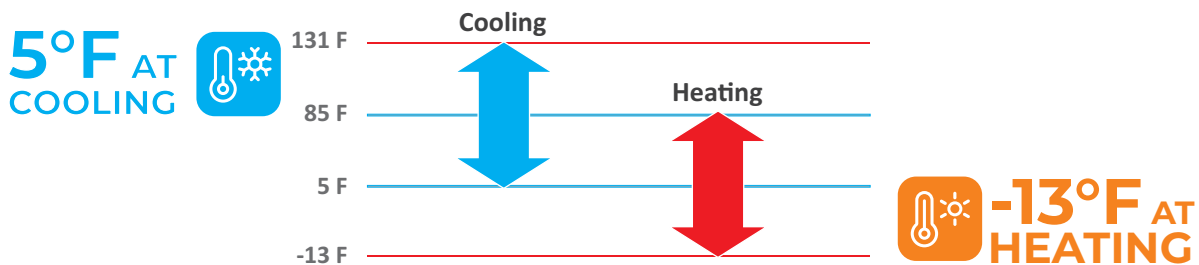
**NO VACUUM PUMP. NO GAUGES.  
NO REFRIGERANT HANDLING.**

Pre-charged with next-generation R-454B refrigerant, Klimaire DIY systems deliver powerful, energy-efficient heating and cooling with a reduced environmental footprint. The factory-sealed EZ-Kuick Connect line set and pre-attached 4-wire plug-in cable make installation genuinely simple — no refrigerant handling, no specialist tools, just reliable year-round comfort straight out of the box.



## LOW AMBIENT OPERATION

Built for all-season performance, Klimaire systems provide dependable comfort in extreme outdoor conditions. Enjoy efficient cooling operation in temperatures as low as 5°F and powerful heating performance down to -13°F, delivering reliable climate control no matter how harsh the weather gets.





## LOW NOISE

Designed for whisper-quiet comfort, Klimate split-system air conditioners provide a more peaceful indoor experience compared to traditional cooling systems. Advanced inverter technology intelligently adjusts fan speed and system output to minimize operating noise while maintaining consistent comfort and efficient performance. Whether you are relaxing, working, or sleeping, the low-noise operation helps create a quieter and more comfortable home environment without compromising powerful heating and cooling performance.



### Zoning Operation

Multi-zone systems support a more sustainable lifestyle by allowing homeowners to customize comfort in every room. Heat or cool only the spaces that are in use—and simply turn off the units in unoccupied areas. This targeted approach reduces energy waste while delivering personalized comfort exactly where it's needed.

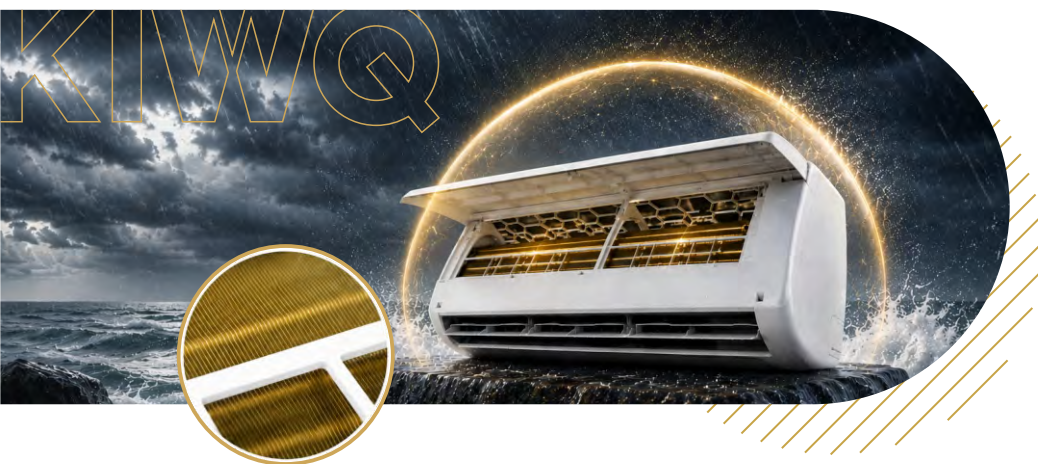


### True Comfort Quietly

Our outdoor units operate at sound levels as low as 50 dB(A) about as quiet as a normal conversation. Indoors, enjoy whisper-quiet comfort with noise levels starting at just 30 dB(A).

## ANTI-CORROSIVE GOLDEN FIN

The outdoor coil features an advanced Golden Fin anti-corrosive coating engineered to resist rain, salt air, humidity, and airborne contaminants. This durable protective treatment helps prevent corrosion and oxidation, supporting long-term reliability and dependable performance in coastal, humid, and demanding outdoor environments.



The indoor coil also features a protective Golden Fin anti-corrosive coating designed to resist moisture and airborne contaminants. Exposure to kitchen vapors, laundry humidity, and everyday indoor pollutants can gradually affect coil surfaces over time, making long-term coil protection essential for reliable performance.



**CORROSION RESISTANT**

Protects the coil against rust and corrosion.



**EXTENDED COIL LIFE**

Helps extend the life of the indoor coil.



**RELIABLE PERFORMANCE**

Maintains efficiency and reliable operation over time.



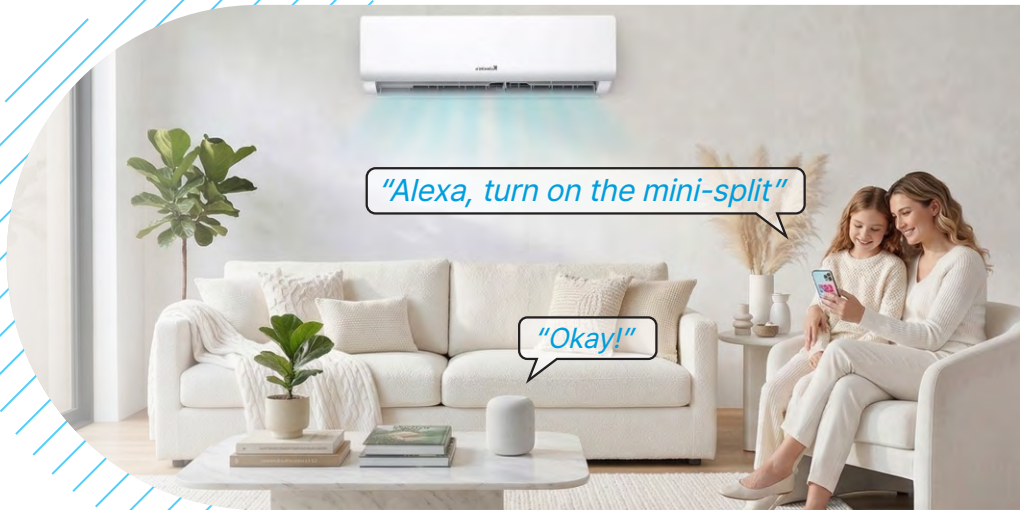
**IDEAL FOR HUMID ENVIRONMENT**

Designed for coastal areas and demanding conditions.

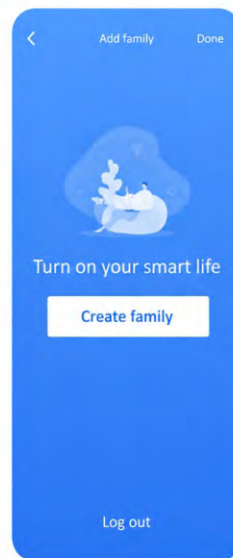
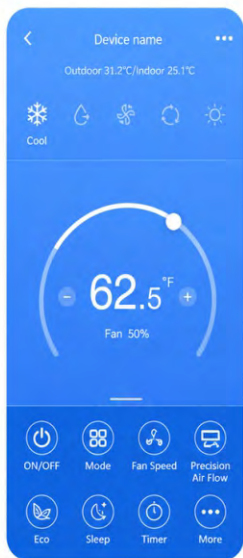


## SMART CONTROL COMPATIBLE WITH GOOGLE HOME AND ALEXA

Take full control of your comfort anytime, from anywhere, with smart Wi-Fi connectivity compatible with Google Home and Amazon Alexa. Easily adjust temperature settings, modes, and schedules using simple voice commands or your smartphone for a more convenient and connected home experience.



Go hands-free with Amazon Alexa or Google Assistant.

























## EASY TO CONTROL

### KLIMAIRE SINGLE-ZONE AND MULTI-ZONE SYSTEMS FEATURE INTELLIGENT CLIMATE.

Control technology designed to deliver effortless comfort and precise temperature management with intuitive operation. Advanced smart controls continuously adjust system performance to maintain consistent indoor comfort, while convenient modes and user-friendly functions make it easy to customize airflow, temperature, fan speed, and scheduling at the touch of a button.



-  Battery indicator
-  Mute function
-  Auto Mode
-  TURBO function
-  Cooling Mode
-  Up-down auto swing
-  Dry Mode
-  Left-right auto swing
-  Fan only Mode
-  SLEEP function
-  Heating Mode
-  I FEEL function
-  ECO Mode
-  46° F heating function
-  Timer
-  Signal indicator
-  88.8° E Temperature indicator
-  Child-Lock
-  Fan speed:  
Auto / low / low-mid / mid / mid-high / high
-  Display ON/OFF



# REMOTE CONTROL

**Model Number**  
**KIWQ 5<sup>TH</sup> GENERATION**

**1 ON/OFF Button**  
To start / stop the operation of the unit when this button is pressed

**2 DOWN (▼)** Press this button to decrease the temperature of the room press the down arrow.

**3 UP (▲)** Press this button to increase the temperature of the room press the up arrow.

**4 MODE** The operation mode is changed in sequence (AUTO - COOL - DRY - FAN - HEAT) every time this button is pressed.

**5 TURBO** Press TURBO to activate/deactivate the SUPER function which enables the unit to reach the preset temperature in the shortest time. To switch °F to °C press and hold for 5 seconds.

**6 TIMER** The air conditioner can be turn automatically ON / OFF at any desired time.

**7 FAN** To set the Fan press MODE until (🌀) appears on the display. Use it for air ventilation only.

**8 ECO** Function in this mode the unit automatically sets the operation to save energy. Press again to cancel.

**9 MUTE** Press the MUTE button to activate/deactivate this function. When it is pressed the auto fan speed will display in the remote control. To cancel press FAN/TURBO/SLEEP. Inactive in dry mode.

**10 SWING (↕)** Press this button to activate the horizontal flaps to swing from up to down.

**10 SELF-CLEAN** Press SWING (↔) and SWING (↕) buttons at the same time to activate the Self-clean function. This is a pre-set program to clean the indoor coil.

**11 SWING (↔)** Press this button to activate the vertical deflectors to swing from left to right to direct the air flow.

**12 SLEEP** Pre-set automatic operation. To activate press the SLEEP button and (🌙) appears on the display. It can keep the most comfortable temperature and save energy. Press again to cancel this function.

**13 DISPLAY** To switch ON/OFF the unit panel led display to direct the air flow. SWING (↑) Press this button to activate the horizontal flaps to swing from up to down.

**14 I FEEL** To switch ON / OFF to initiate the Follow me function, the remote senses actual temperature at its location and sends signal for better comfort as if the remote were following you.

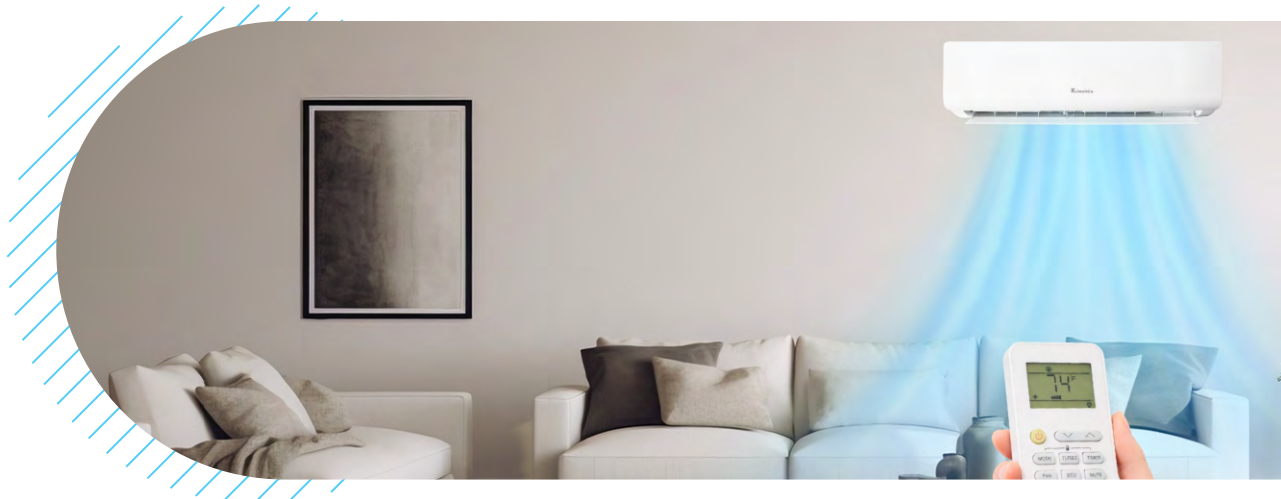
**15 I SET** Stores your preferred temperature, mode, and fan speed settings.



## I FEEL

### RELAX IN MORE COMFORT, WITH HIGH PRECISION IN-ROOM READINGS AND AIR DELIVERY.

The iFeel mode uses a temperature sensor built directly into the remote control to monitor the environment around the user. Acting like a moving thermostat, the system automatically adjusts heating and cooling performance to maintain the desired comfort level exactly where the remote is located, delivering more accurate and personalized temperature control throughout the room.



#### ENERGY SAVING



46°F Home Away Mode



ECO Mode



GEAR Mode

#### PERFORMANCE



Self Clean



Auto Mode



Cooling Mode



Heating Mode

#### COMFORT



Horizontal Swing



Auto Swing



Vertical Swing



3D Airflow



Adjustable Fan Speed



Anti-Cold Air



Dry (Dehumidification) Mode



Turbo Mode



Fan Mode

#### CONVENIENCE



Sleep Mode



Breeze Away Mode



Optional Klimage Wired Control



Manual ON/OFF



2-Way Draining Connection



Louver Position Memory



Wi-Fi Enabled (Built-In)



Wireless Remote Control



Timer



Auto Restart



LED Display



Child Lock



Follow Me



Silent Mode



Self-Diagnosis



°C / °F Temperature Display Change



Washable / Reusable Air Filter

#### RELIABILITY



Anti-Corrosive Golden Fin Coating



Refrigerant Detection Sensor



A2L Disperse System



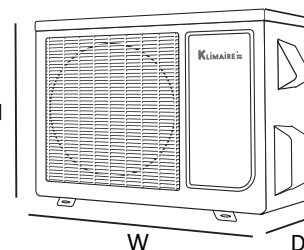
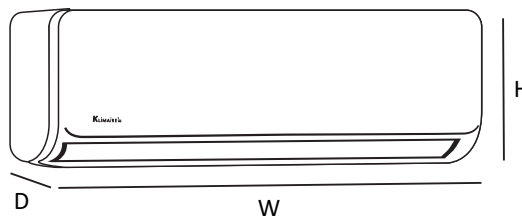
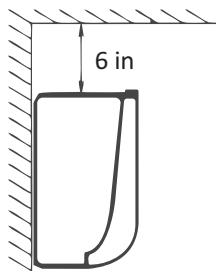
# TECHNICAL SPECIFICATION

## KIWQ/KOIQ 5<sup>TH</sup> GENERATION SINGLE ZONES SYSTEMS

Klimaire Model Number		KIWQ09H1-45T KOIQ09H1-45T	KIWQ12H1-45T KOIQ12H1-45T	KIWQ12H2-45T KOIQ12H2-45T	KIWQ18H2-45T KOIQ18H2-45T	KIWQ24H2-45T KOIQ24H2-45T	KIWQ36H2-45T KOIQ36H2-45T	
AHRI Reference Number		218067067	218067068	218067069	218067070	218067071	218067081	
Power supply		115V / 1ph / 60Hz	115V / 1ph / 60Hz	208-230V / 1 ph / 60Hz	208-230V / 1 ph / 60Hz	208-230V / 1 ph / 60Hz	208-230V / 1 ph / 60Hz	
Cooling Capacity	Rated @ 95°F / 35°C	9,000	12,000	12,000	18,000	23,000	36,000	
	Capacity Range	2,400~11,000	2,500~12,500	2,500~12,500	4,000~19,000	4,700~25,000	7,500~36,000	
	EER2 @ 95°F / 35°C	13.0	13.0	13.0	12.5	12.0	9.0	
	SEER2	24.0	23.0	24.0	23.0	23.0	19.0	
	Range	2,400~11,000	2,500~15,000	2,500~15,000	4,000~21,000	4,700~26,500	7,500~36,000	
Heating Capacity	Rated @ 47°F / 8.3°C	10,000	12,400	12,600	19,000	25,000	36,000	
	Rated @ 17°F / -8.3°C	6,200	7,800	8,100	11,000	14,000	21,800	
	HSPF2 Rating (Region IV)	10	10	10	9.5	9.5	9	
	HSPF2 Rating (Region V)	8.6	8.6	8.6	8.2	8.2	7.7	
	COP2 @ 47°F / 8.3°C	3.81	3.81	3.81	3.81	3.41	3.15	
	Maximum Capacity @ 5°F / -15°C	7,500	8,900	9,100	13,600	18,600	20,400	
	5° F Heating Ratio	75%	72%	72%	72%	74%	57%	
	COP2 @ 5°F / -15°C	2.1	2.1	2.1	1.8	1.8	2.1	
	Maximum Capacity @ -4°F / -20°C	6,400	8,000	8,100	11,000	15,600	16,800	
	Maximum Capacity @ -13°F / -25°C	5,000	6,680	6,680	9,200	13,800	/	
Rated Power	Cooling	W	960	970	1,390	1,860	3,850	
	Heating	W	730	945	925	1,360	2,000	3,350
Rated Current	Cooling	A	6.1	8.5	4.4	6.2	8.3	17.4
	Heating	A	6.5	8.4	4.2	6.1	9.0	15.2
Certifications	NEEP, Canada	Yes	Yes	Yes	Yes	Yes	Yes	
	Energy Star	Yes	Yes	Yes	Yes	Yes	No	
	Quebec	Yes	Yes	Yes	Yes	Yes	Yes	
	Nova Scotia	Yes	Yes	Yes	Yes	Yes	Yes	
Minimum Circuit Ampacity	A	15.0	16.0	11.0	12.0	17.0	18	
Maximum Fuse Size	A	20	25	15	20	25	30	
Moisture removal	l/h	1.1	1.6	1.6	2.2	2.6	3	
Maximum Allowed Pressure	Mpa	5.0	5.0	5.0	5.0	5.0	5.0	
Indoor Noise Level @ Cooling	Turbo/High/Med./Low/Mute	dB(A)	43/40/33/31/30	46/44/36/32/30	46/44/36/32/30	50/47/43/38/34	50/47/43/38/34	52/49/43/38/36
Outdoor noise level		dB(A)	50	52	52	53	54	63
Connecting Pipe	Gas / Liquid	in	3/8" / 1/4"	3/8" / 1/4"	3/8" / 1/4"	1/2" / 1/4"	5/8" / 1/4"	5/8" / 1/4"
Connecting Wiring	Size x Core number		4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Power Cord	Core number		14AWG	14AWG	14AWG	14AWG	12AWG	12AWG
Suitable area	sq.ft		Up to200	Up to 280	Up to 280	Up to 380	Up to 480	Up to 646
Indoor air circulation	Turbo/Hi/Mid/Lo/Mute	m <sup>3</sup> /h	554/480/400/320/260	850/800/700/550/350	850/800/700/550/350	1,250/1,150/900/720/670	1,250/1,150/900/720/670	1,440/1,200/1,000/800/700
		cfm	326/282/235/188/153	500/470/411/323/205	500/470/411/323/205	735/676/529/423/394	735/676/529/423/394	847/705/588/470/412
Refrigerant	Type	Type	R454B	R454B	R454B	R454B	R454B	
	Charge	g / oz	710 / 25.04	1,000 / 35.27	1,000 / 35.27	1,290 / 45.5	1,560 / 55.03	1,580 / 55.7
Net dimensions (W x D x H)	Indoor	mm	820x306x195	920x306x195	920x306x195	1,097x332x222	1,097x332x222	1,191x360x258
		in	32-1/4" x 12" x 7-5/8"	36-1/4" x 12" x 7-5/8"	36-1/4" x 12" x 7-5/8"	43-1/4" x 13" x 8-3/4"	43-1/4" x 13" x 8-3/4"	46-7/8" x 14-1/8" x 10-1/4"
	Outdoor (With valve cover)	mm	810x305x549	810x305x549	810x305x549	927x380x699	978x421x803	978x421x803
Net weight	Indoor	kg / lb	9.4 / 20.7	10.5 / 23.1	10.5 / 23.1	14 / 30.9	14 / 30.9	18 / 39.7
	Outdoor	kg / lb	24.3 / 53.5	26.5 / 58.4	26.5 / 58.4	41 / 90.4	47.5 / 104.7	48 / 105.8
Indoor Packing dimensions (W x D x H)	mm		890x380x265	990x380x265	990x380x265	1,165x405x295	1,165x405x295	1,260x430x328
	in		35" x 15" x 10-1/2"	39" x 15" x 10-1/2"	39" x 15" x 10-1/2"	45-7/8" x 16" x 11-5/8"	45-7/8" x 16" x 11-5/8"	49-5/8" x 16-7/8" x 12-7/8"
Outdoor Packing dimensions (W x D x H) (without pipe)	mm		835x328x575	835x328x575	835x328x575	950x420x732	1022x480x835	1022x480x835
	in		32-7/8" x 12-7/8" x 22-5/8"	32-7/8" x 12-7/8" x 22-5/8"	32-7/8" x 12-7/8" x 22-5/8"	37-3/8" x 16-1/2" x 28-7/8"	40-1/4" x 18-7/8" x 32-7/8"	40-1/4" x 18-7/8" x 32-7/8"
Gross weight	Indoor	kg / lb	11.4 / 25.1	14 / 30.9	14 / 30.9	16 / 35.3	16 / 35.3	22 / 48.5
	Outdoor (without pipe)	kg / lb	27.3 / 60.2	29.5 / 65.0	29.5 / 65.0	45 / 99.2	51.5 / 113.5	52 / 114.6
Factory Precharge Line	m / ft		7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	
Maximum Line Length	m / ft		15 / 49	15 / 49	15 / 49	20 / 65	20 / 65	
Maximum Height Difference Between Indoor and Outdoor	m / ft		10 / 33	10 / 33	10 / 33	15 / 49	20 / 65	
Additional refrigerant charge	g/m   oz/ft		10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11	
Operating temperature	°C		16~31	16~31	16~31	16~31	16~31	
	°F		>=17 / <=30	>=17 / <=30	>=17 / <=30	>=17 / <=30	>=17 / <=30	
Ambient temperature	Indoor(cooling/ heating)	°C	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	
	Outdoor(cooling/heating)	°C	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	-15~55 / -25~30	
	Indoor(cooling/ heating)	°F	62~89 / 32~86	62~89 / 32~86	62~89 / 32~86	62~89 / 32~86	62~89 / 32~86	
	Outdoor(cooling/heating)	°F	5~131 / -13~86	5~131 / -13~86	5~131 / -13~86	5~131 / -13~86	5~122 / -4~86	

Continued product improvement is our goal at Klimaire Products, Inc. Hence, specifications and data listed herein are subject to change without notice and without obligation on our part. Always comply with local, state, and national electrical codes.

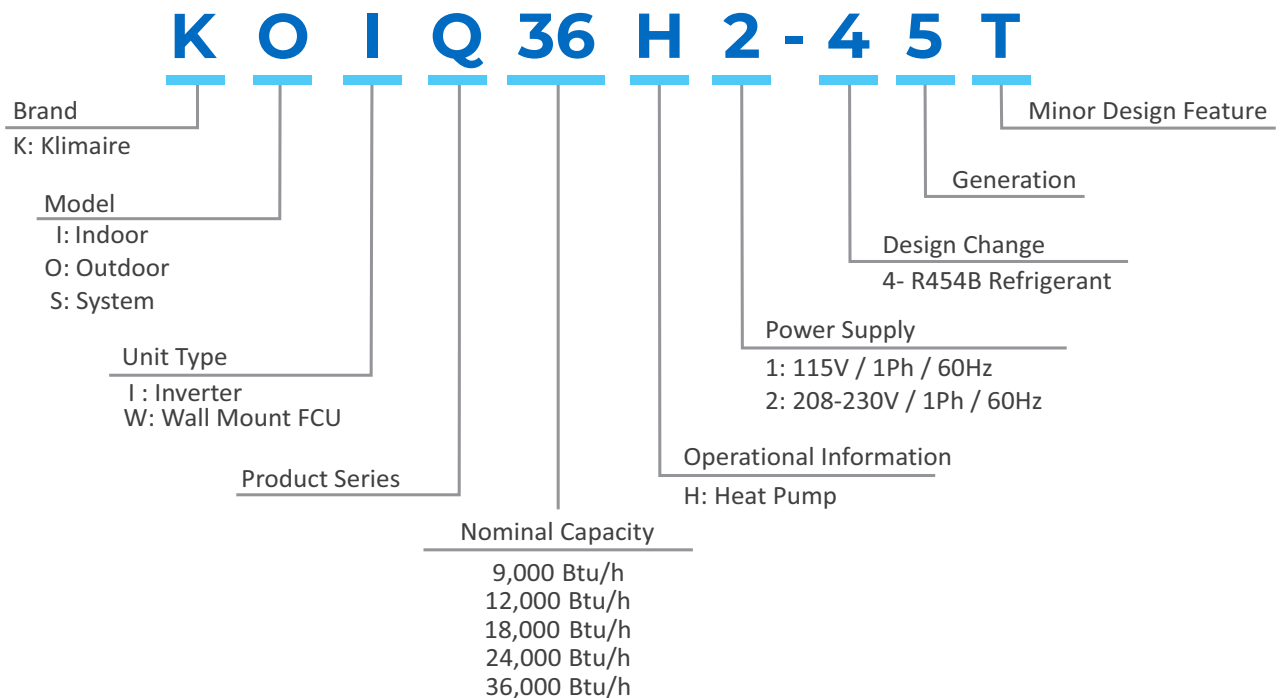
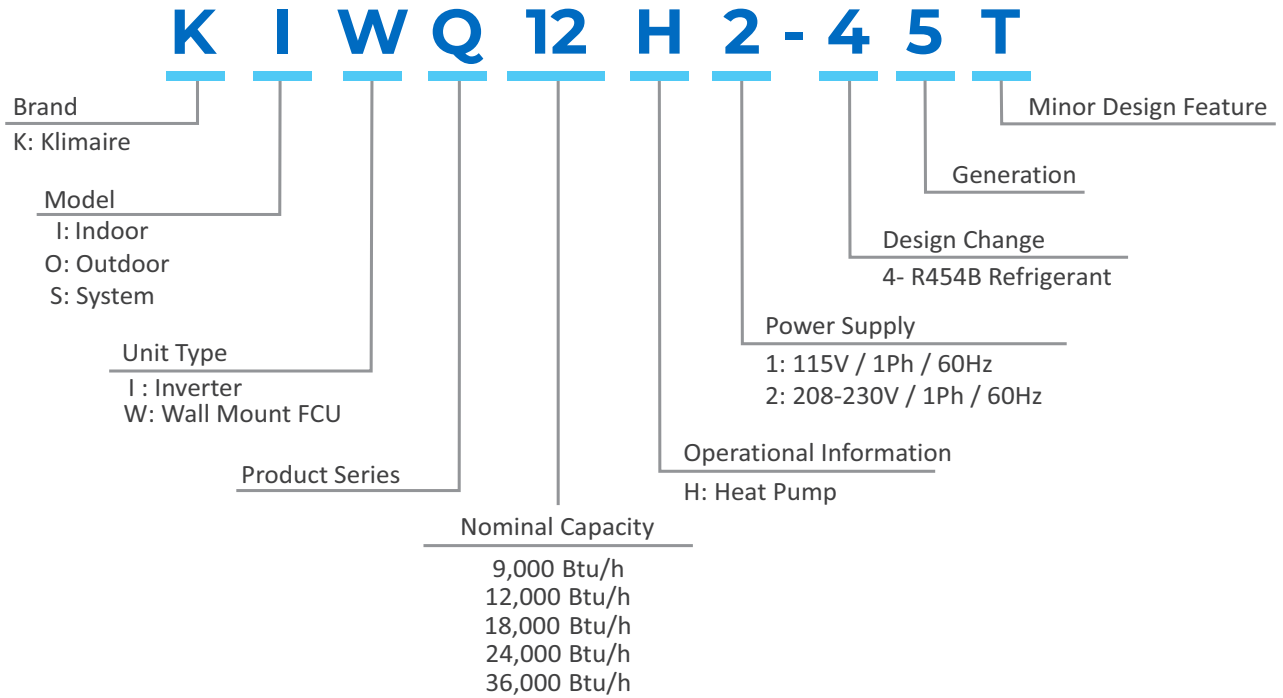
1 - Minimum recommended line set length: 10ft





# KIWQ/KOIQ 5TH GENERATION PRODUCT CODES

## NOMENCLATURES





# TECHNICAL SPECIFICATION

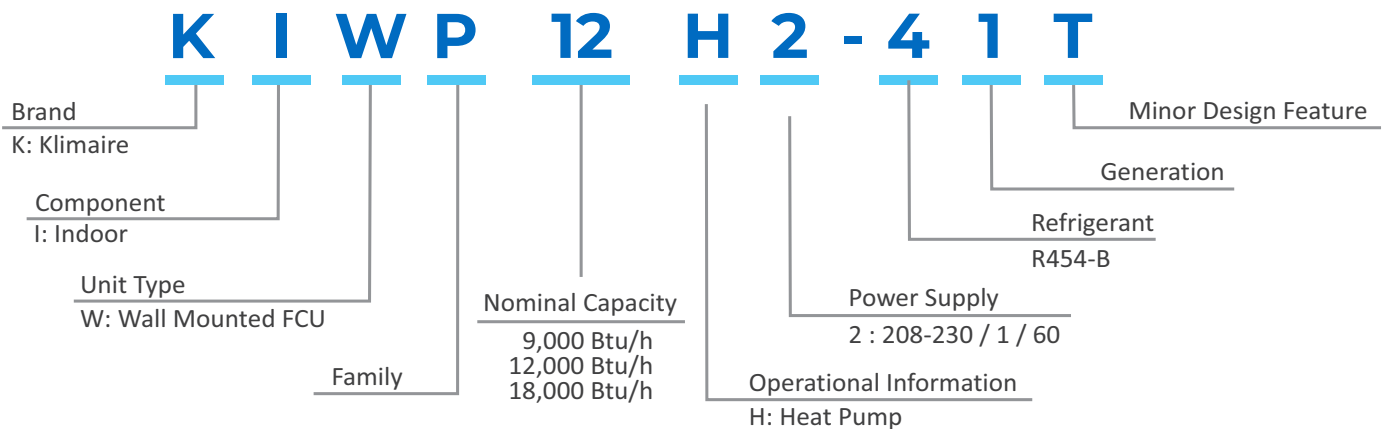
## KIWP INDOOR UNIT MULTIZONE SERIES

Model Number			KIWP09H2-41T	KIWP12H2-41T	KIWP18H2-41T
Type			Cooling & Heating	Cooling & Heating	Cooling & Heating
Control type			Wireless remote	Wireless remote	Wireless remote
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated cooling capacity (95F/35C)	Btu/h		9,000	12,000	18,000
Rated Heating capacity(47F/8.3C)	Btu/h		9,000	12,000	18,000
Rated Input Power	Cooling	W	35	35	52
	Heating	W	35	35	52
Rated Current	Cooling	A	0.20	0.20	0.34
	Heating	A	0.20	0.20	0.34
Min. Circuit Ampacity - MCA		A	0.6	0.6	0.6
Max. fuse size		A	15	15	15
Moisture removal		l/h	1.1	1.6	2.2
Max. allowed pressure		Mpa	5	5	5
Indoor noise level - Cooling	Turbo/High/Med./Low/Mute	dB(A)	43/40/33/31/30	46/44/36/32/30	49/47/42/37/32
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"
	Liquid	in	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG
Indoor air circulation - Turbo/Hi/Mid/Lo/Mute		m <sup>3</sup> /h	554/480/400/320/260	850/800/700/550/350	1,050/980/870/700/650
		cfm	326/282/235/188/153	500/470/411/323/205	617/575/511/411/382
Net dimensions (W x H x D)		mm	820×306×195	920×306×195	1010×315×220
		in	32-1/4" × 12" × 7-5/8"	36-1/4" × 12" × 7-5/8"	39-3/4" x 12-3/8" x 8-5/8"
Net weight		kg	9.4	10.5	12.5
		lb	20.7	23.1	27.6
Packing dimensions (W x H x D)		mm	890×380×265	990×380×265	1096×390×297
		in	35" × 15" × 10-1/2"	38" × 15" × 10-1/2"	43-1/8" x 15-3/8" x 11-3/4"
Gross weight		kg	11.4	14	15.3
		lb	25.1	30.9	33.7

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1 - Minimum recommended line set length: 10ft

## KIWP PRODUCT CODES NOMENCLATURE





# TECHNICAL SPECIFICATION

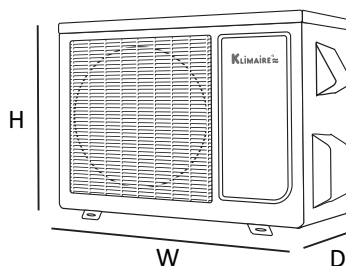
## KMIP OUTDOOR UNIT MULTIZONE SERIES

Klimaïre Model Number		KMIP218-H225-4	KMIP327-H225-4	KMIP436-H223-4	KMIP542-H221-4	
Power supply		208/230V~/60Hz/1P				
Non-Ducted	Rated cooling capacity (95° F / 35° C)	Btu/h	18,000	27,000	35,000	42,000
	Cooling Capacity Range	Btu/h	3,500-22,000	4,500-31,000	5,500-37,500	6,500-46,000
	EER2 (95° F / 35° C)	Btu/W.h	13	12	11.1	11.2
	SEER2	Btu/W.h	24	24	23	23
	Rated Heating capacity (47°F / 8.3°C)	Btu/h	20,000	28,000	36,000	42,000
	Rated Heating capacity (17°F / -8.3°C)	Btu/h	20,000	22,500	27,500	31,000
	Range Heating capacity	Btu/h	3,500-23,000	4,500-33,000	5,500-41,000	6,500-46,000
	HSPF2 Rating (Region IV)	Btu/W.h	10.5	10.5	10	10
	HSPF2 Rating (Region V)	Btu/W.h	9.5	8.8	7.8	7.8
	COP2 (47°F / 8.3°C)	W/W	3.51	3.51	3.51	3.51
	Max. Heating capacity (5°F / -15°C)	Btu/h	16000	19,800	26,000	30,000
	5° F Heating Ratio		80%	71%	72%	71%
	COP2 5°F / -15°C	W/W	2	2	2	2
	Max. Heating capacity (-4°F / -20°C)	Btu/h	12100	15,500	19,000	23,500
	Max. Heating capacity (-13°F / -25°C)	Btu/h	10300	13,200	15,000	20,400
	Certifications	ENERGY STAR® Certified	Yes	Yes	Yes	Yes
		NEEP	Yes	Yes	Yes	Yes
Quebec		Yes	Yes	Yes	Yes	
Nova Scotia		Yes	Yes	Yes	Yes	
NRCan E-STAR		Yes	Yes	Yes	Yes	
Rated Input Power (Non-Ducted)	Cooling	W	1370	2,020	2,930	3,550
	Heating	W	1410	1,980	2,680	3,260
Rated Current (Non-Ducted)	Cooling	A	6.1	9.1	13.1	15.9
	Heating	A	6.3	8.9	12.0	14.6
Min. Circuit Ampacity		A	16	18	22	28
Max. Fuse size		A	25	30	35	45
Max allowed pressure		Mpa	5	5	5	5
Outdoor noise level		dB(A)	58	62	65	65
Connection Wiring	AWG	16AWG*4	16AWG*4	16AWG*4	16AWG*4	
	Type	R454B	R454B	R454B	R454B	
Refrigerant		g	1700	2,200	2,800	3,400
		oz	60.0	77.6	98.8	119.9
		m3/h	2500	2800	3200	3200
Outdoor Air Flow (H)		cfm	1471	1,647	1,882	1,882
Valve Size (Gas / Liquid)		in	3/8   1/4	3/8   1/4	3/8   1/4	3/8   1/4
Throttling mode	Capillary / EEV		EEV	EEV	EEV	EEV
Net dimensions (W x D x H)	mm	927x380x699	978x421x803	1,074x468x853	1,074x468x853	
	in	36-1/2" x 14-7/8" x 27-1/2"	38-1/2" x 16-5/8" x 31-5/8"	42-1/4" x 18-3/8" x 33-5/8"	42-1/4" x 18-3/8" x 33-5/8"	
Net weight	kg / lb	42 / 92.6	54 / 119	66 / 145.5	79 / 174.2	
Outdoor Packing dimensions (W x D x H) (without pipe)	mm	960x430x732	1,022x480x835	1,135x530x970	1,135x530x970	
	in	37-3/4" x 16-7/8" x 28-3/4"	40-1/4" x 18-7/8" x 32-7/8"	44-5/8" x 20-7/8" x 38-1/4"	44-5/8" x 20-7/8" x 38-1/4"	
Gross weight (without pipe)	kg / lb	45 / 99.2	58 / 127.9	77 / 169.8	90 / 198.4	
Pre-Charge Length Total	ft (m)	49 (15)	74 (22.5)	98 (30)	123 (37.5)	
Line Set Length (Max) - Total	ft (m)	131 (40)	197 (60)	263 (80)	295 (90)	
Line Set Length (Max) - Each	ft (m)	82 (25)	98 (30)	98 (30)	98 (30)	
Max. Line Set Height Difference Between ODU & Furthest IDU	ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	
Max. Line Set Height Difference Between IDU	ft (m)	33 (10)	33 (10)	33 (10)	33 (10)	
Additional Charge	Φ6.35 (1/4") Liquid pipe	oz/ft	0.11	0.11	0.11	
Room temperature	Indoor (cooling / heating)	°C	16-30	16-30	16-30	16-30
	Outdoor (cooling / heating)	°C	-15-55 / -25-30	-15-55 / -25-30	-15-55 / -25-30	-15-55 / -25-30
Ambient temperature	Indoor (cooling / heating)	°F	61-86	61-86	61-86	61-86
	Outdoor (cooling / heating)	°F	5-131 / -13-86	5-131 / -13-86	5-131 / -13-86	5-131 / -13-86

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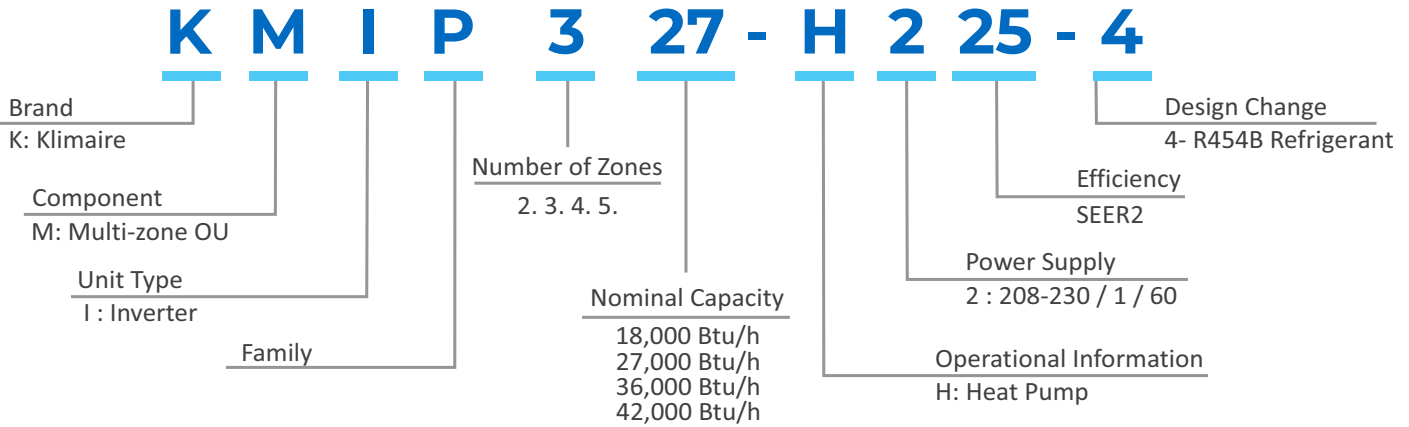
1 - Minimum recommended line set length: 10ft





# OUTDOOR UNIT PRODUCT CODES

## KMIP OUTDOOR UNIT MULTIZONE SERIES



## MULTI MATCH SPECIFICATIONS

### KMIP218-H225-4 18,000 BTU DUAL ZONE Condenser Combinations:

One Unit	Two Units
9	9+9
12	9+12
	12+12

### KMIP327-H225-4 27,000 BTU TRI ZONE Condenser Combinations:

One Unit	Two Units		Three Units	
NA	9+9	12+12	9+9+9	9+12+12
NA	9+12	12+18	9+9+12	12+12+12
	9+18	18+18	9+9+18	

### KMIP436-H223-4 36,000 BTU QUAD ZONE Condenser Combinations:

One Unit	Two Units		Three Units		Four Units	
NA	9+18	12+24	9+9+9	9+12+24	9+9+9+9	9+9+12+18
NA	9+24	18+18	9+9+12	9+18+18	9+9+9+12	9+12+12+12
	12+12	18+24	9+9+18	12+12+12	9+9+9+18	12+12+12+12
	12+18	24+24	9+9+24	12+12+18	9+9+12+12	
			9+12+12	12+12+24		
			9+12+18	12+18+18		

### KMIP542-H221-4 42,000 BTU FIVE ZONE Condenser Combinations:

One Unit	Two Units		Three Units		Four Units		Five Units	
NA	9+24	18+18	9+9+18	12+12+12	9+9+9+9	9+12+12+12	9+9+9+9+9	
NA	12+24	18+24	9+9+24	12+12+18	9+9+9+12	9+12+12+18	9+9+9+9+12	
		24+24	9+12+12	12+12+24	9+9+9+18	9+12+12+24	9+9+9+9+18	
			9+12+18	12+18+18	9+9+9+24	9+12+18+18	9+9+9+9+24	
			9+12+24	12+18+24	9+9+12+12	12+12+12+12	9+9+9+12+12	
			9+18+18	12+24+24	9+9+12+18	12+12+12+18	9+9+9+12+18	
			9+18+24	18+18+18	9+9+12+24	12+12+12+24		
			9+24+24	18+18+24	9+9+18+18	12+12+12+24		
					9+9+18+24	12+12+18+18		



## ACCESORIES (OPTIONAL)

### REFRIGERANT LINE COVER KIT (17 FT)

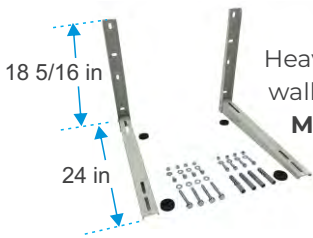


- Elegant and Durable PVC line cover kit hides and covers up to 16 ft length of all exposed refrigerant tubing along the external wall of your home to give an attractive and professionally finished installation.



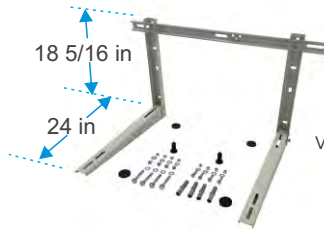
**LCK-TECF414**

### BRACKETS



**WAFP24**

Heavy duty universal wall mount bracket.  
**Max load 396 lb**



**WAFB24**

Adjustable width crossbar universal wall mount bracket.  
**Max load 330 lb**



**WAFR24**

Adjustable pitch rooftop mount bracket.  
**Max load 330 lb**

### DRAIN KIT MINIPUMP

- Ultra slim High performance Plug & Play
- Anti siphon device.
- 12 L/h max. flow
- 10m max. rec. head
- (flow rate 6L/h)
- 21 dB(A)
- Up to 16 kW / 54,000 Btu/h



MAFP2406-2	Application
Wall mount	Optional
Floor-ceiling	Optional

### REFRIGERANT LINE EXTENSION KITS

Kit Number	Specification	Application
<b>IKT1438Q16-4</b>	1/4" liquid x 3/8" suction - 16' length	9 & 12k Fan coils
<b>IKT1438Q25-4</b>	1/4" liquid x 3/8" suction - 25' length	9 & 12k Fan coils
<b>IKT1412Q16-4</b>	1/4" liquid x 1/2" suction - 16' length	18k Fan coils
<b>IKT1412Q25-4</b>	1/4" liquid x 1/2" suction - 25' length	18k Fan coils
<b>IKT1458Q16-4</b>	1/4" liquid x 5/8" suction - 16' length	24 & 36k Fan coils
<b>IKT1458Q25-4</b>	1/4" liquid x 5/8" suction - 25' length	24 & 36k Fan coils



Factory flared, pre-insulated ASTM-B280 Soft copper / 16 AWGx4 Stranded, unshielded interconnecting cable.

### EXTENSION COUPLINGS

<b>KSIIJ-FA06N-ZH</b>	1/4 in Kuick line set extension
<b>KSIIJ-FA09N-ZH</b>	3/8 in Kuick line set extension
<b>KSIIJ-FA12N-ZH</b>	5/8 in Kuick line set extension



## ACCESORIES (OPTIONAL)

### 3" ECOPAD BLACK PLASTIC EQUIPMENT PAD 18" X 38"



- 3" EcoPad™ Used where local codes supersede the International code and require a pad thicker than 2".
- EcoPad™ 18x38x3 Equipment Pad

### 30A FUSIBLE DISCONNECT SWITCH

- Single phase, 240V
- 10,000 Amp Rated
- NEMA 3R, Rainproof
- UL & CUL Rated
- Contractor Friendly
- Unique Side Open Door
- Easy Access
- Patented Finger Safe Pullout Section



### SURGE PROTECTOR DEVICE AG3000

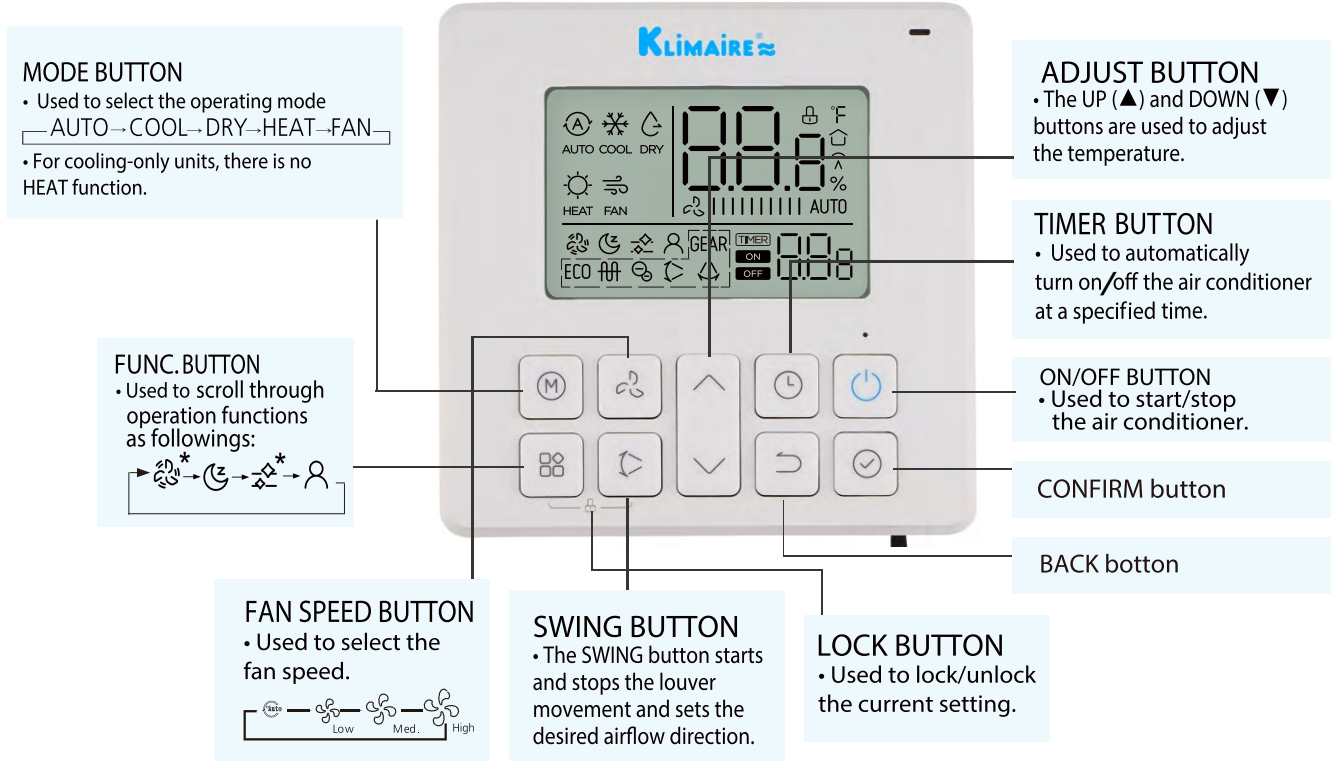


- Green LED indicator provides status of protection
- TPMOV Technology: The AG3000's thermally protected metal oxide varistor (TPMOV) technology provides protection from a greater variety of electrical failures when compared to MOV technology, which is still used by many surge protection devices.
- The AG3000 attaches quickly and easily to the electrical disconnect of your equipment.
- Surge protector is tough enough to withstand any conditions either indoor or outdoor.

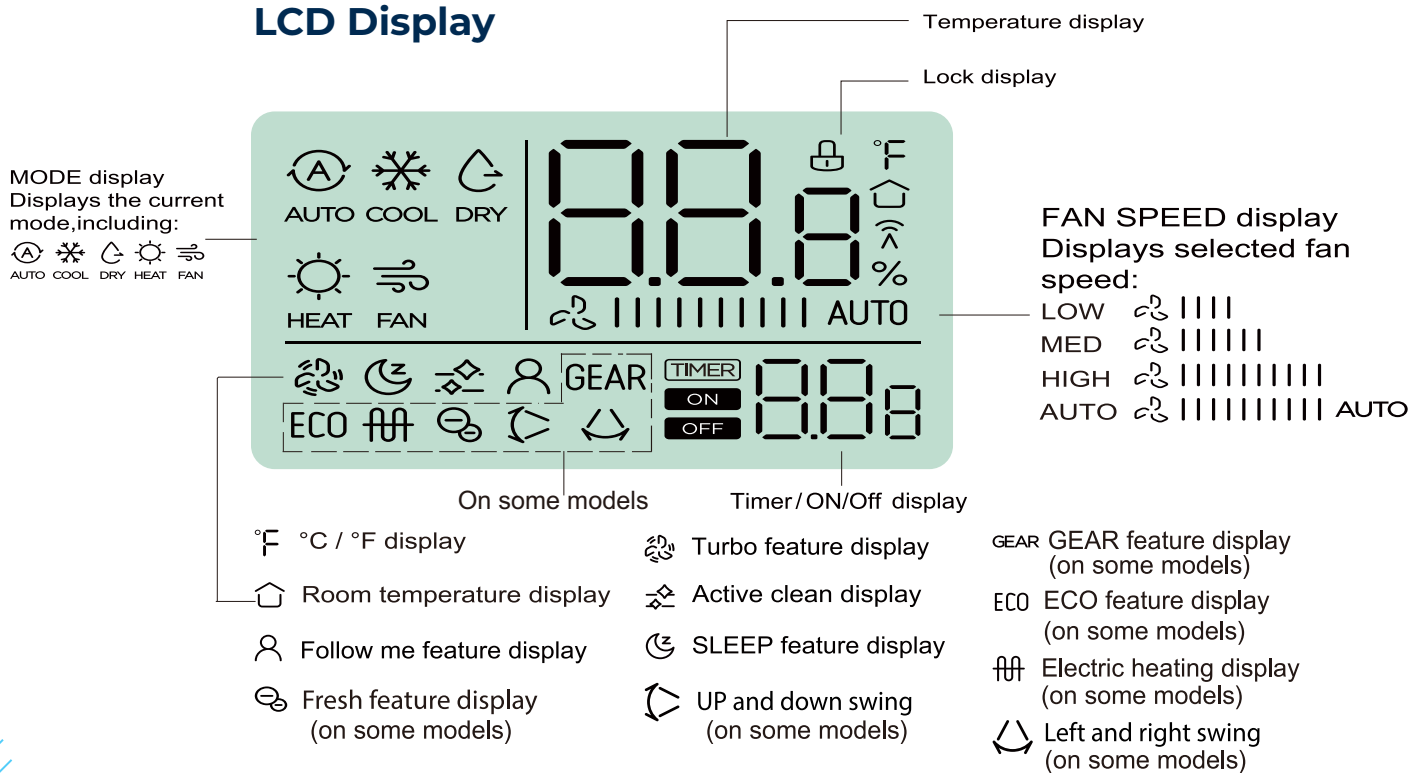


# KLIMAIRE WIRED REMOTE CONTROLS

Model: KJR-120L (R2) / EFU1



## LCD Display





# KLIMAIRE DIY™ SERIES



## KOIQ-KIWQ Single Zone • KIWP-KMIP Multi Zone Multi-Zone Heating & Cooling Systems



\*Klimaïre Products, Inc. reserves the right to modify specifications and performance data without notice as part of continuous product improvement.  
All installations must comply with local, state, and national electrical and mechanical codes.

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