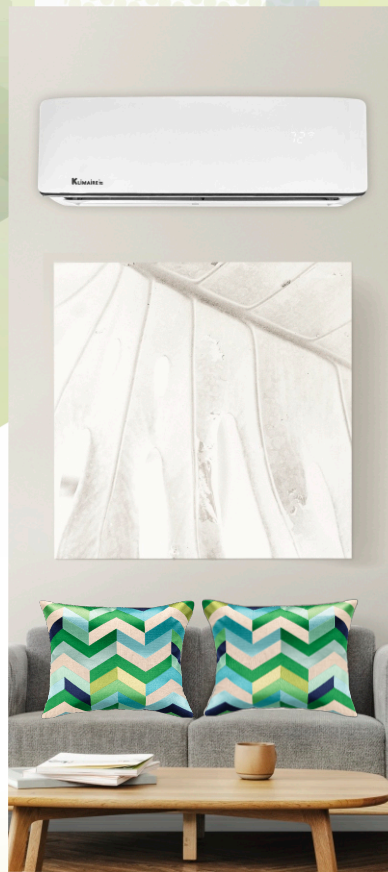


# KMIR Series Multi-Zone Heating & Cooling Systems

**Feel the difference!**  
Experience the Real Comfort



**RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS**

## TABLE OF CONTENTS:

### FEATURES

About Klimaïre .....	page 3
Energy Efficient .....	page 4

### MULTI ZONE

How it works .....	page 5
Lineup Features .....	page 6
Features Explanation .....	page 7

### KSIE Wall Mount

KSIE Features .....	page 8
Technical Specifications .....	page 9
KMIR - KSIE Technical Specifications .....	page 10
Remote Control .....	page 11

### KTIR Ceiling Cassette

KTIR Features .....	page 12
Technical Specifications .....	page 13
KMIR - KTIR Technical Specifications .....	page 14
Remote Control .....	page 15

### KUIR Floor Ceiling

KUIR Features .....	page 16
Technical Specifications .....	page 16
Remote Control .....	page 17

### KDIP Ducted Recessed

KDIP Features .....	page 18
Technical Specifications .....	page 20
KTIR - KDIP Technical Specifications .....	page 21
Wired Remote Control .....	page 22
Continuation Wired Remote Control .....	page 23
Remote Control .....	page 24
Wireless Remote Control .....	page 25

### ACCESSORIES

Accessories .....	page 26
-------------------	---------





Our products have proven their endurance and resiliency over time, operating in 70 different countries. KlimaIRE products exceed industry standards for energy efficiency and employ innovative technology to achieve the highest customer satisfaction.

## COMFORT WISE SYSTEMS

Ductless Mini-Split Systems are one of the fastest growing products in the US and popularity is rapidly increasing. They allow air conditioning and heating systems to be added quickly, economically and conveniently, often for some applications where installing comfort systems didn't seem possible or practical.

## PERSONALIZED ALL-YEAR SOLUTION

Experience true individual comfort in every room of your home or business with the KlimaIRE Comfort-Wise Multi-Zone Split Air Conditioning System. KlimaIRE multi-zone heat pumps provide year-round cooling and heating, allowing you to set individual temperatures, control humidity, and enjoy health benefits in multiple zones. This professional installation system eliminates the need for inefficient and costly ductwork, providing a more efficient and customizable solution for your comfort needs.



**Winter**



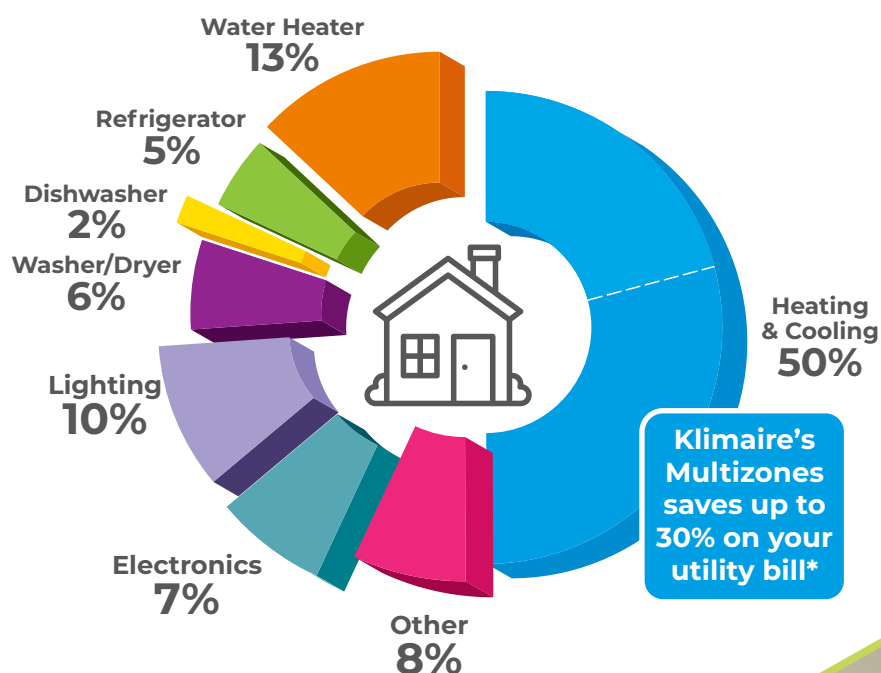
**Summer**



**HOW MUCH DO YOU SPEND FOR HEATING & COOLING?**

## ENERGY EFFICIENT: COMFORT WISE SYSTEMS

The US Department of Energy (DOE) states that up to half of the energy used in your home goes to heating and cooling. Therefore, making smart decisions about your home's heating, ventilating, and air conditioning (HVAC) system can significantly impact your utility bills and overall comfort. Klimaïre Invertech® DC Inverter-driven air conditioners and heat pumps offer an efficient solution, potentially saving you up to 33% on your power utility bill compared to traditional room air conditioners or standard efficiency systems.



## REBATES

To encourage customers to buy energy-efficient products, many local utility companies offer significant rebates for the purchase of a Klimaïre multi-split system. Visit Klimaïre's website to search for local rebates and consumer loans. We provide a listing of rebates and offerings on qualifying Klimaïre multizone splits by zip code, as well as a listing of products that qualify for the Inflation Reduction Act (IRA) tax credits.



\*\*\*ENTER REBATES BY ZIP CODE QR CODE\*\*\*

Rebates by Zip Code



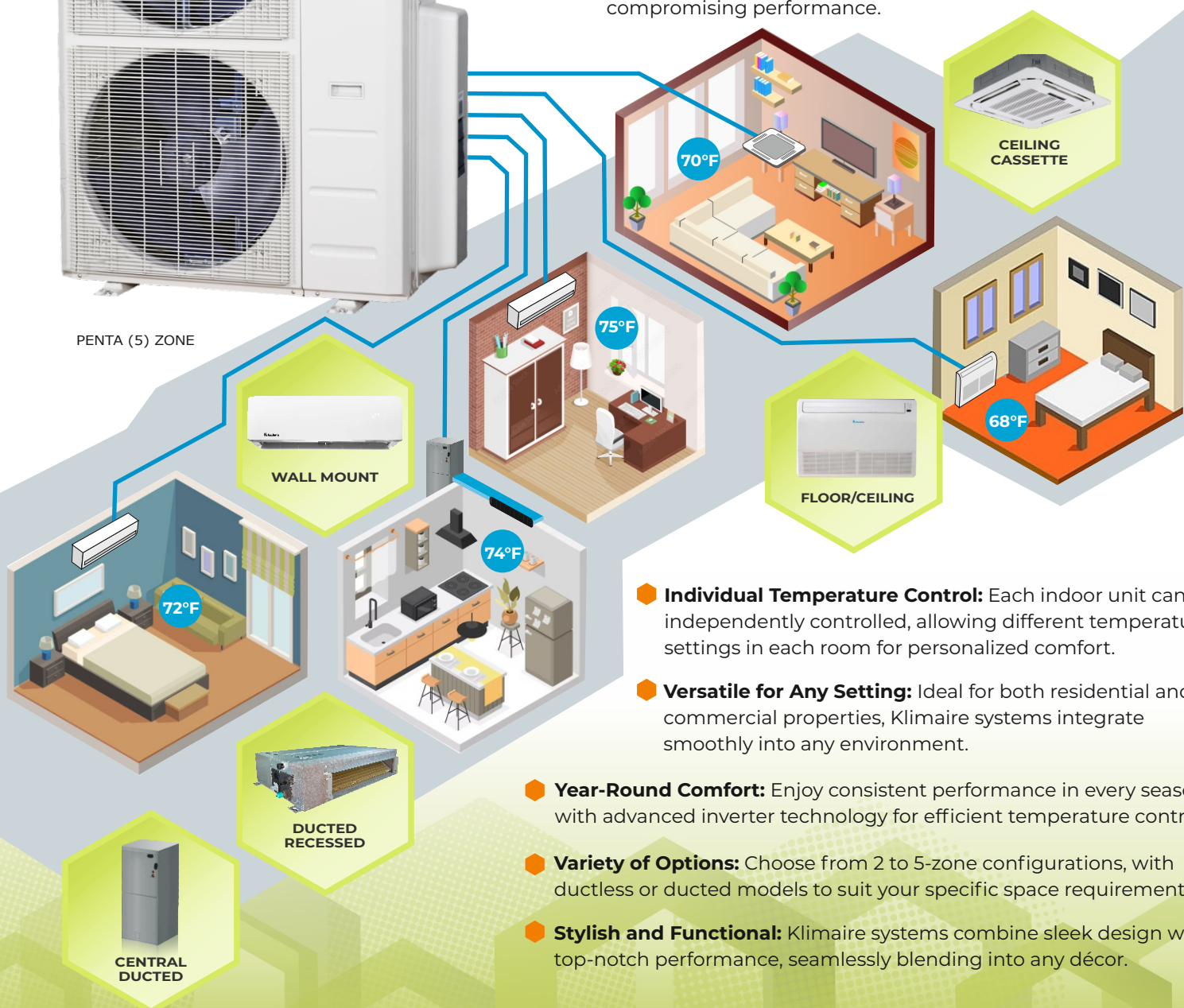


## MULTI ZONE Inverter Heat Pump Solution

UP TO 24.6 SEER2  
UP TO 10.4 HSPF2



PENTA (5) ZONE






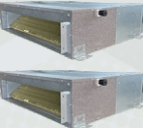











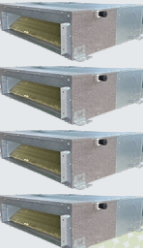


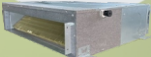










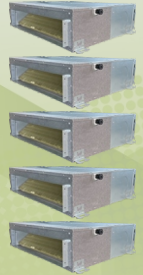



### Klimaïre Multi-Zone Systems with Next-Generation Outdoor Units: Tailored Comfort and Flexibility

- Flexible and Efficient:** Manage multiple indoor spaces with a single, powerful Klimaïre multi-zone system, designed for consistent comfort across any environment.
- Wide Compatibility:** Connect to five indoor units to one outdoor unit, creating a customized climate solution for your home or business with ease.
- Space-Saving Design:** Compact outdoor units maximize your outdoor space, ensuring efficient installation without compromising performance.

- Individual Temperature Control:** Each indoor unit can be independently controlled, allowing different temperature settings in each room for personalized comfort.
- Versatile for Any Setting:** Ideal for both residential and commercial properties, Klimaïre systems integrate smoothly into any environment.

- Year-Round Comfort:** Enjoy consistent performance in every season, with advanced inverter technology for efficient temperature control.
- Variety of Options:** Choose from 2 to 5-zone configurations, with ductless or ducted models to suit your specific space requirements.
- Stylish and Functional:** Klimaïre systems combine sleek design with top-notch performance, seamlessly blending into any décor.





## LINEUP FEATURES

BTU/H	OUTDOOR UNIT	OUTDOOR UNIT MAX INDOOR UNITS	WALL MOUNT	CASSETTE	DUCTED	FLOOR/ CEILING	AIR HANDLER	MIXED INDOOR UNITS
18K	<b>KMIR218</b> 	2						
27K	<b>KMIR327</b> 	3						
36K	<b>KMIR436</b> 	4						
48K	<b>KMIR545</b> 	5						
55K	<b>KMIR555</b> 	5						





## FEATURE EXPLANATION










### ENERGY SAVING

-  **Eco Mode** Press to activate the energy efficient mode.
-  **Gear** Press to enter the energy efficient mode in a sequence (75% - %50 - Previous).
-  **46° F Home Away Winter Vacation** It can only be activated in HEAT mode. The room temperature can be set as low as 46° F keeping the room temperature steady and preventing the house from freezing.
-  **Temperature Compensation Switch (KTIR)** Changes the fan speed to 3 different settings to accommodate user's needs. It also helps to control humidity level when cooling may not be necessary.











### INSTALLATION

-  **Static Pressure Fan Speed Switch** Automatic airflow adjustment to set the external static pressure.
-  **2-Way Draining Connection** Multi-outlet – The refrigerant tubes and the water outlet can be installed either on the right or the left side of the unit for installation flexibility.

### CONVENIENCE

-  **Timer** Set timer to turn the unit on or off during a 24-hour period.
-  **Sleep Mode** Automatically adjusts the temperature during sleeping hours to save energy.
-  **Washable Filter** The indoor unit filters can be taken out and easily washed to keep air clean all the time.
-  **C°/F° Change** Press to select the preferred temperature units, Celsius or Fahrenheit.
-  **Wired Controlled** Mainly used for commercial applications for a more convenient control of the air conditioner.
-  **Louver Position Memory Function** When you start the unit, the horizontal louver will return automatically to the position set last time.
-  **Manual Switch Button** Allows to manually operate the AC at the preset ambient conditions when the remote is missing.
-  **Self-Diagnosis And Auto-Protection** Provides faster and accurate service diagnostics.
-  **Refrigerant Leakage Detect** When the outdoor detects a refrigerant leakage condition, the outdoor unit will sound an alarm.

### COMFORT

-  **IAQ (Indoor air Quality)** Ensures the indoor unit improves air quality by removing contaminants, allergens, and odors, providing cleaner and healthier air inside the building.
-  **WiFi Enabled** Allows the indoor unit to connect to a wireless network for remote control via a smart device, providing easy and flexible operation from anywhere.
-  **Fan Speed 1 - 100%** Allows precise control of airflow by adjusting the fan speed anywhere from 1% to 100%, ensuring optimal comfort.
-  **Follow Me Function** Push to initiate the Follow Me feature. The remote will display the actual temperature at its location.
-  **Low Ambient Heating/Cooling** The unit can operate in cooling mode during the winter down to 5° F to cool an inner room.
-  **Auto swing Louver With 360° Air Distribution** Distributes cool/warm air to every corner of the room by moving flaps automatically.
-  **Horizontal Swing** Starts and stops the horizontal louver movement.
-  **Dry Mode** To reduce the humidity level as well as the room temperature.
-  **Breeze Away** This feature avoids direct air flow blowing on the body and makes you feel comfortable.
-  **Auto Restart** After a power failure the system will automatically restart in the previous operating mode once power is restored.
-  **Anti-Cold-Air (Heat Pump Only)** When the heating operation starts the fan coil will automatically run from the lowest speed to the preset level.

### PERFORMANCE

-  **Turbo** Enables unit to reach preset temperature in shortest possible time.
-  **5° Low Ambient Heating/Cooling** The air conditioner can run in cooling mode even when the outdoor ambient temperature is down to 5° F.
-  **Self Clean** Used to start/stop the Self Clean function. It cleans and dries the evaporator to prevent mildew grow and keep it fresh for next operation.
-  **High Density Filter** Captures smog, absorbs bad smells, decompose formaldehyde, removes micro-dust and releases vitamin C to clean and refresh the air.
-  **Alarm Indicator** Alerts you to any issues, allowing you to quickly identify and resolve potential problems for uninterrupted comfort.

# KSIE

## HIGH WALL MOUNTED INDOOR UNIT

### 9, 12, 18 & 24,000 BTU

The KSIE high wall mounted indoor unit features a sleek design that complements any décor. Mounted high on a wall, it eliminates the need for ductwork, enhancing energy efficiency.

This newly designed unit from Klimaïre is packed with high-tech features, offering a whisper-quiet operation and fully functional remote control. Enjoy a range of comfort modes, including heating, cooling, fan, and dehumidification. The unit also boasts indoor air quality features for individual comfort, a built-in emergency manual switch button for convenience and a wall bracket for easy installation. Experience style, functionality, and superior climate control with the KSIE high wall mounted indoor unit.



WiFi  
Control

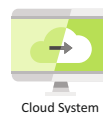


Remote  
Control

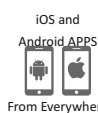


## REMOTELY MANAGED

Optional  
Smart Kit



Cloud System



From Everywhere



Your Klimaïre Wi-Fi enabled air conditioner lets you control your ductless mini split air conditioner using your smartphone or tablet from anywhere internet connection is available. Our free IOS and Android smartphone app gives you the freedom to instantly adjust your settings saving you time and money on energy consumption and cost.

## STANDARD FEATURES

- Decorative and elegant design
- Super quiet



Eco Mode



Self-Diagnosis  
And Auto-  
Protection



Breeze  
Away



46° F Home  
Away Winter  
Vacation



Refrigerant  
Leakage  
Detect



Auto  
Restart



C°/F°  
Change



IAQ  
(Indoor air Quality)



Anti-Cold-Air  
(Heat Pump Only)



Timer



WiFi  
Enabled



Turbo Mode



Sleep Mode



Fan Speed  
1 - 100%



Self Clean



Louver Position  
Memory  
Function



Follow Me  
Function



5° Low Ambient  
Heating/Cooling



Manual  
Switch  
Button



Horizontal  
Swing

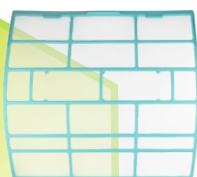


High Density  
Filter





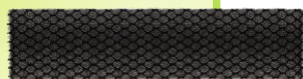
## FILTERS INCLUDED



### Washable Reusable Plastic Woven Mesh

#### Anti-Mold Filters:

Eliminate dust and particles, while preventing mold growth.



**Activated Carbon Filter:** Attracts and removes odorous compounds, effectively trapping them.



## TECHNICAL SPECIFICATIONS

Klimaïre Model Number			KSIE009-H221-IW-2	KSIE012-H220-IW-2	KSIE018-H220-IW-2	KSIE024-H220-IW-2
Power supply (indoor unit powered from outdoor unit)			V/ph/Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000
	Heating @ 47° F	Btu/h	10,000	12,000	18,000	26,000
Indoor fan motor	Power input	W	50	50	58	58
Indoor air flow (Hi/Med/Lo)		cfm	265/206/141	306/212/147	471/353/294	618/471/324
Indoor noise level (Hi/Med/Lo)		dB(A)	37/30/21	37/30/22	43/36/29	47/42/32
Dimensions	Unit (W*D*H)	in	31.6x7.4x11.7	31.6x7.4x11.7	42.5/8.9x13.2	42.5/8.9/13.2
	Packing (W*D*H)	in	34.5x11.2x15.0	34.5x11.2x15.0	45.5x16.3x12.6	45.5/16.3/12.6
Weight	Net/Gross	lb	18.9/24.0	18.9/24.0	29.5/37.5	30.2/37.9
Design pressure		psig	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
	Max. refrigerant pipe length	ft	82	82	98	164
	Max. difference in level	ft	33	33	66	82
Remote Control	Standard	Type	Wireless	Wireless	Wireless	Wireless
	Optional	Type	Wired	Wired	Wired	Wired
Room Temperature	Cooling	°F	62~90	62~90	62~90	62~90
	Heating	°F	32~86	32~86	32~86	32~86
Operation temperature		°F	62~86	62~86	62~86	62~86
Application area (cooling)		sq. ft.	129~194	172~247	258~377	344~505

Continued product improvement is our goal at Klimaïre 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 10 ft line set recommended.

2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft ( 5 to 7 m).

3 - Factory installed only, not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5° F.

# KMIR - KSIE TECHNICAL SPECIFICATIONS

Klimaïre Outdoor Unit Model Number		KMIR218-H221-2		KMIR327-H217-2		KMIR436-H217-2		KMIR545-H219-2	
Klimaïre Indoor Unit Model Number		KSIE009-H221-IW-2 x 2		KSIE009-H221-IW-2 x 3		KSIE009-H221-IW-2 x 4		KSIE009-H221-IW-2 x 5	
Power supply		V-ph-Hz	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60
Cooling	Capacity	Btu/h	18,000 (5400~ 23000)	27,000 (8,500~32,000)	36,000 (9,200~40,160)	48,000 (11,600~49,700)	48,000 (11,600~49,700)	48,000 (11,600~49,700)	48,000 (11,600~49,700)
	EER2	Btu/W	12.5	12.2	10.6	10.6	10.6	10.6	10.6
	SEER2	Btu/W	21	23.5	23.1	23.1	23.1	23.1	23.1
	Capacity	Btu/h	19,000 (4900~23000)	28,000 (8,200~35,000)	37,000 (8,500~46,600)	48,000 (11,600~49,700)	48,000 (11,600~49,700)	48,000 (11,600~49,700)	48,000 (11,600~49,700)
Heating @ 47°F	COP2	W/W	3.59	3.65	3.5	3.5	3.5	3.5	3.5
	HSPF4	Btu/W	10.2	9.2	9.6	9.6	9.6	9.6	9.6
Heating @ 17°F	Rated capacity	Btu/h	15000	20000	29800	32000	32000	32000	32000
Heating @ 5°F	Maximum capacity	Btu/h	12600	19000	24000	33000	33000	33000	33000

Klimaïre Outdoor Unit Model Number		KMIR218-H221-2		KMIR327-H217-2		KMIR436-H217-2		KMIR545-H219-2	
Max. Fuse Size		A	25	30	40	60	60	60	60
Compressor	Type		Twin-ROTARY	Twin-ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	16,139	25,932	34,155	38,216	38,216	38,216	38,216
	Power Input	W	1250	2045	2765	3040	3040	3040	3040
	Rated current (RLA)	A	7	14	18	24	24	24	24
Outdoor fan motor	Quantity	n	1	1	1	2	2	2	2
	Power Input	W	100	150	150	126	126	126	126
	RLA	A	1.35	1.7	1.0	2.5	2.5	2.5	2.5
	Speed	rpm	750/600/500	1,050/900/850	1,000/900/750	900/850/800/750	900/850/800/750	900/850/800/750	900/850/800/750
Outdoor air flow		cfm	1,765	2,129	2,147	4,500	4,500	4,500	4,500
Outdoor noise level		dB(A)	59.5	60	63.5	62	62	62	62
Outdoor unit	Dimensions (W*D*H)	in	35.0x13.5x26.5	37.2x16.1x31.9	37.2x16.1x31.9	37.5x16.3x52.5	37.5x16.3x52.5	37.5x16.3x52.5	37.5x16.3x52.5
	Packing (W*D*H)	in	40.5x17.2x29.5	42.9x19.7x34.8	42.9x19.7x34.8	43.1x19.5x58.3	43.1x19.5x58.3	43.1x19.5x58.3	43.1x19.5x58.3
O.U. Net/Gross weight		lb	100.3/108.7	139.8/150.6	169.1/181.4	225.5/256.6	225.5/256.6	225.5/256.6	225.5/256.6
Refrigerant	Type		R410-A	R410-A	R410-A	R410-A	R410-A	R410-A	R410-A
	Charge	oz	65.26	91.7	134.04	162	162	162	162
Additional charge/ft	Liquid pipe 1/4"	oz	0.161	0.161	0.161	0.161	0.161	0.161	0.161
	Gas pipe 3/8"	oz	0.322	0.322	0.322	0.322	0.322	0.322	0.322
Design pressure		psig	550/340	550/340	550/340	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid pipe	in	2x1/4"	3x1/4"	4x1/4"	5x1/4"	5x1/4"	5x1/4"	5x1/4"
	Gas pipe	in	2x3/8"	3x3/8"	3x3/8" + 1x1/2"	3x3/8" + 2x1/2"	3x3/8" + 2x1/2"	3x3/8" + 2x1/2"	3x3/8" + 2x1/2"
	Max. length for all rooms	ft	131.2	196.9	262.5	262.5	262.5	262.5	262.5
	Max. length for one indoor unit	ft	82	98.4	114.8	114.8	114.8	114.8	114.8
	Max. height difference I.U. / O.U.	ft	49.2	49.2	49.2	49.2	49.2	49.2	49.2
	Max. height difference I.U. / I.U.	ft	33	33	33	33	33	33	33
Connection wiring Stranded / unshielded		AWG	14AWG*4	14AWG*4	14AWG*4	14AWG*4	14AWG*4	14AWG*4	14AWG*4
Ambient temperature	Cooling	°F	5~122	5~122	5~122	5~122	5~122	5~122	5~122
	Heating	°F	-13~75	-13~75	-13~75	-13~75	-13~75	-13~75	-13~75

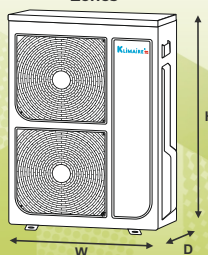
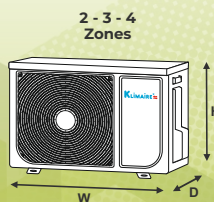
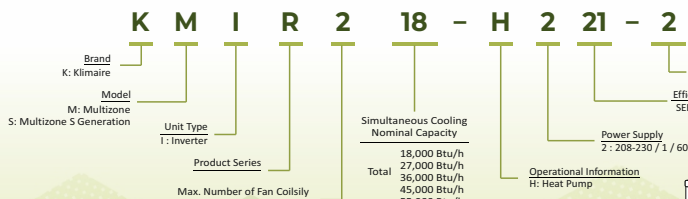
Continued product improvement is our goal at Klimaïre Products, Inc. Hence, specifications and data listed herein are subject to change without notice and without obligation on our part. Always comply with local, state, and national electrical codes.

1 - Minimum 10 ft line set recommended.

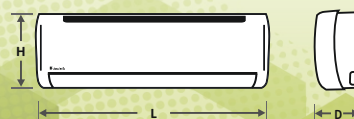
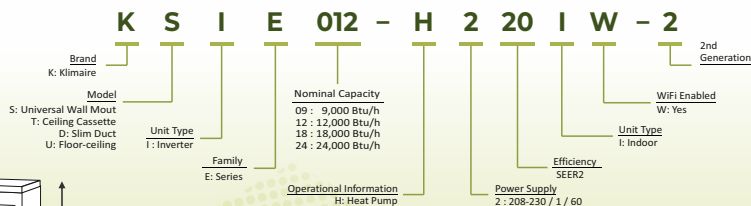
2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft (5 to 7 m).

3 - Factory installed only, not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5° F.

## OUTDOOR UNIT PRODUCT CODE



## INDOOR UNIT PRODUCT CODE



Compatible with:  
**KSIE Single Zone Outdoor Unit**



## WIRELESS REMOTE CONTROL RG10A(D1)/BGEFU1

**ON/OFF**  
Turns the unit on or off.

**TEMP ^**  
Increases temperature in 1°C (1°F) increments. Max. temperature is 30°C (86°F).  
NOTE: Press together ∨ & ^ buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F.

**SET**  
Scrolls through operation functions as follows:  
Fresh(🌿) → Sleep(🌙) → Follow Me(👤) → AP mode(📶) → Fresh...  
The selected symbol will flash on the display area, press the OK button to confirm.

**TEMP ∨**  
Decreases temperature in 1°C (1°F) increments. Min. temperature is 16°C (60°F).

**FAN SPEED**  
Selects fan speeds in the following order: AU → 20% → 40% → 60% → 80% → 100%.  
Press the TEMP ^ or ∨ button to increase/decrease the fan speed in 1% increments.

**SWING**  
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature.

### MODE

Scrolls through operation modes as follows: **AUTO → COOL → DRY → HEAT → FAN**

**NOTE:** HEAT mode is not supported by the cooling only appliance.

### ECO

Press this button to enter the energy efficient mode. Displays when ECO feature is activated.

### OK

Used to confirm the selected functions

### TIMER

Set timer to turn unit on or off

### SHORTCUT

Used to restore the current settings or resume previous settings. Revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature.

### CLEAN

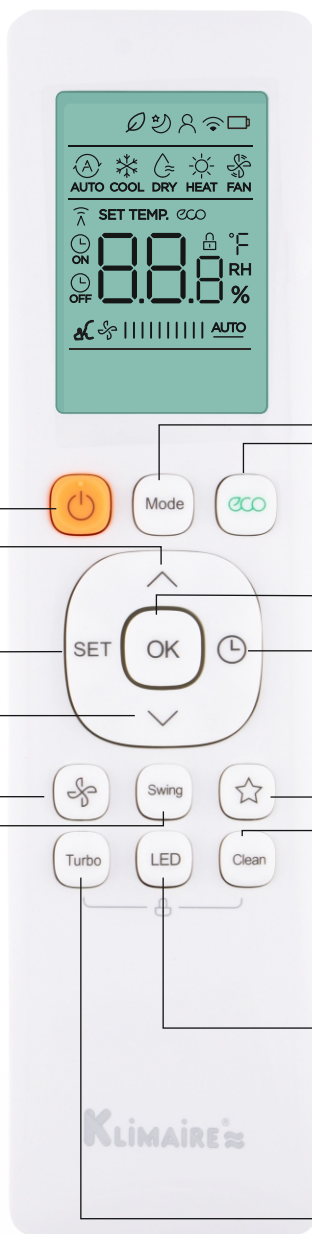
Used to start/stop the Self Clean or Active Clean function. (Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

### LED

Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

### Turbo

Enables unit to reach preset temperature in shortest possible time



**Remote Control Holder**

# KTIR

## COMPACT CASSETTES 9. 12 & 18,000 BTU

## SLIM CASSETTE 24,000 BTU

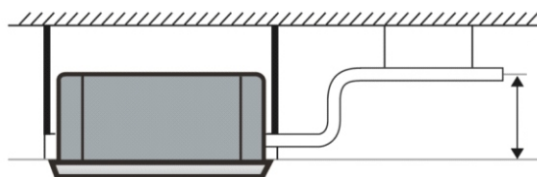
The recessed ceiling cassette unit is an excellent choice for spaces where ductwork is impractical or impossible. It offers the ability to share its cooling and heating capacity with an adjacent room through a flexible duct connection, ensuring comfort reaches every corner. This unit can be easily installed in the home or office with no modifications to an existing ceiling. The off-white decorative ceiling panel seamlessly blends with any ceiling configuration, making it a versatile and aesthetically pleasing solution for your needs.



## FEATURES

	Temperature Compensation Switch (KTIR)		Self-Diagnosis		Dry Mode
	46° F Home Away Winter Vacation		Follow Me Function		5° Low Ambient Heating/Cooling
	Timer		Auto Swing Louver with 360° Air Distribution		Self Clean
	Sleep Mode		Auto Restart		Alarm Indicator
	Washable Filter		Anti-Cold-Air		
	Manual Switch Button		Turbo		

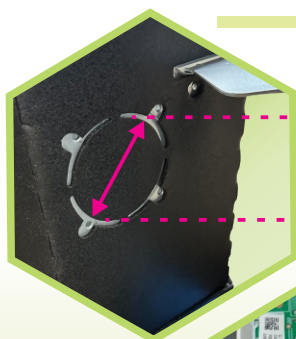
- Compact cassettes fit into standard 2' x 2' ceiling grid.
- Powerful turbo fan operation.
- Fresh air intake design 3.0".
- Cool, Heat, Dry, Fan and Auto modes.
- Quiet operation - as low as 32 dB(a).
- Three fan speeds.
- Built-in condensate drain pump.
- Anti-corrosive fin coating.
- Flexible installation with built-in drain pump.



Condensate water can be pumped up to 30" higher elevation for easy drainage.

## EASY INSTALLATION

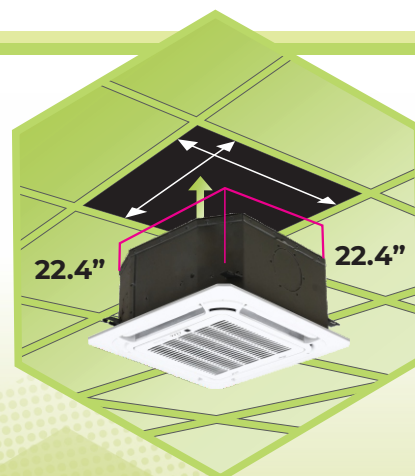
\*Dimensions of outer grille are 22.5" x 22.5" and may overlap adjacent tiles.



3" Fresh Air Intake Knockout



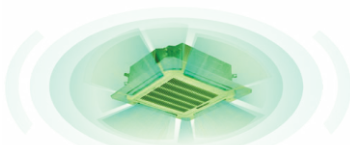
Electronic board with reserved ports to connect and control field supplied inline fan to increase fresh air intake.





### 360° Air Flow Panel ▶

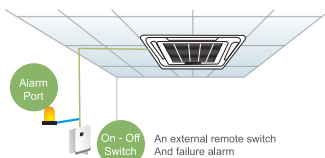
With the 360° air flow panel, the air every corner of the room.



360° Air Flow Panel

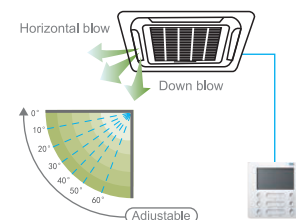
### Reserved ON-OFF ▶ and Alarm Ports

**ON-OFF Switch:** With the reserved ports, a remote switch can be easily connected to a realize remote control.  
**Alarm Port:** The built-in PCB can output alarm signal, which makes setting up an external alarm light or vibration gauge possible.



### Independent Vane Control ▶

The direction of each vane can be set independently by using the wired controller.



## TECHNICAL SPECIFICATIONS

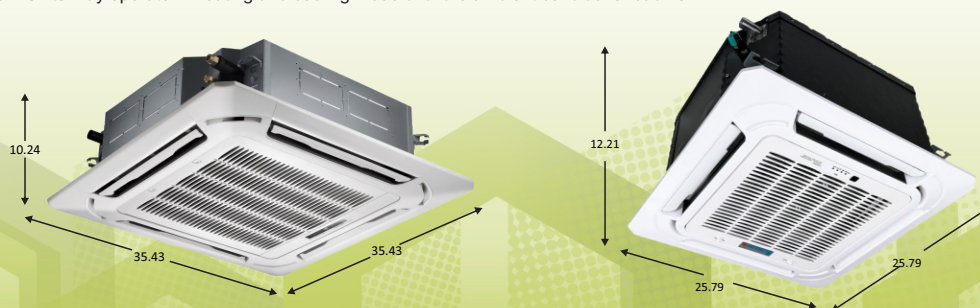
Klimaïre Model Number			KTIR09-H2	KTIR12-H2	KTIR18-H2	KTIR24-H2
Power supply		V-ph-Hz	208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60
Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000
	Heating @ 47°F	Btu/h	10,000	12,000	18,000	24,400
Indoor fan motor	Power input	W	45	45	45	58
	RLA	A	0.9	1.0	1.5	2
	Speed (Hi)	rpm	600/520/460	680/580/500	730/630/570	600/520/450
Indoor air flow (Hi/Mid/Lo)		cfm	374/301/257	379/309/261	560/483/415	700/636/573
Indoor noise level (Hi/Mid/Lo)		dB(A)	41/37/33	43/39/36	44/39/36	51/47/43
Indoor unit	Dimension (WxDxH) (body)	in	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24	33.07x33.07x8.07
	Packing (WxDxH) (body)	in	25.79x25.79x11.42	25.79x25.79x11.42	25.79x25.79x11.42	35.43x35.43x8.54
	Dimension (WxDxH) (panel)	in	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97	37.4x37.4x2.17
	Packing (WxDxH) (panel)	in	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84	40.75x40.75x3.54
	Net/Gross weight (body)	lb	31.97/38.14	35.27/41	35.49/41.23	46.3/54.23
	Net/Gross weight (panel)	lb	5.51/9.92	5.51/9.92	5.51/9.92	11.02/17.64
Design pressure		psig	540/300 PSIG	540/300 PSIG	550/340 PSIG	550/340 PSIG
Drainage water pipe diameter		in	OD Φ1"	OD Φ1"	OD Φ1"	OD Φ 1" 1/4
Refrigerant piping	Liquid side/Gas side (Flare)	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Control type			Remote control	Remote control	Remote control	Remote control
Room temperature	Cooling	°F	62~90	62~90	62~90	62~90
	Heating	°F	32~86	32~86	32~86	32~86
Operation temperature		°F	62~86	62~86	62~86	62~86

Continued product improvement is our goal at Klimaïre 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 10 ft line set recommended.

2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft ( 5 to 7 m).

3 - Factory installed only, not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5° F.



# KMIR - KTIR TECHNICAL SPECIFICATIONS

Klimaïre Outdoor Unit Model Number			KMIR218-H221-2	KMIR327-H217-2	KMIR436-H217-2	KMIR545-H219-2
Klimaïre Indoor Unit Model Number			KTIR09-H2 x 2	KTIR09-H2 x 3	KTIR09-H2 x 4	KTIR09-H2 x 5 + KTIR12-H2 x 1
Power supply		V-ph-Hz	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60	208-230/ 1 / 60
Cooling	Capacity	Btu/h	18,000 (5,400 - 23,000)	27,000 (8,500~32,000)	36,000 (9,200~40,160)	48,000(11,600~49,700)
	EER2	Btu/W	12.5	12.2	10.6	11
	SEER2	Btu/W	21	23.5	23.1	21.1
Heating @ 47°F	Capacity	Btu/h	19,000 (4,900~23,000)	28,000 (8,200~35,000)	37,000 (8,500~46,600)	48,000 (33,000~52,900)
	COP2	W/W	3.59	3.65	3.5	3.2
	HSPF4	Btu/W	10.2	9.2	9.6	9.5
Heating @ 17°F	Rated capacity	Btu/h	15000	20000	29800	32000
Heating @ 5°F	Maximum capacity	Btu/h	12600	19000	24000	33000

Klimaïre Outdoor Unit Model Number			KMIR218-H221-2	KMIR327-H217-2	KMIR436-H217-2	KMIR545-H219-2
Max. Fuse Size		A	25	30	40	60
Compressor	Type		Twin-ROTARY	Twin-ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	16,139	25,932	34,155	38,216
	Power Input	W	1,250	2,045	2,765	3,040
	Rated current (RLA)	A	7	14	18	24
Outdoor fan motor	Quantity	n	1	1	1	2
	Power Input	W	100	150	150	126
	RLA	A	1.35	1.7	1.0	2.5
	Speed	rpm	750/600/500	1,050/900/850	1,000/900/750	900/850/800/750
Outdoor air flow		cfm	1,765	2,129	2,147	4,500
Outdoor noise level		dB(A)	59.5	60	63.5	62
Outdoor unit	Dimensions (W*D*H)	in	35.0x13.5x26.5	37.2x16.1x31.9	37.2x16.1x31.9	37.5x16.3x52.5
	Packing (W*D*H)	in	40.5x17.2x29.5	42.9x19.7x34.8	42.9x19.7x34.8	43.1x19.5x58.3
O.U. Net/Gross weight		lb	100.3/108.7	139.8/150.6	169.1/181.4	225.5/256.6
Refrigerant	Type		R410-A	R410-A	R410-A	R410-A
	Charge	oz	65.26	91.7	134.04	162
Additional charge/ft	Liquid pipe 1/4"	oz	0.161	0.161	0.161	0.161
	Gas pipe 3/8"	oz	0.322	0.322	0.322	0.322
Design pressure		psig	550/340	550/340	550/340	550/340
Refrigerant piping	Liquid pipe	in	2x1/4"	3x1/4"	4x1/4"	5x1/4"
	Gas pipe	in	2x3/8"	3x3/8"	3x3/8" + 1x1/2"	3x3/8" + 2x1/2"
	Max. length for all rooms	ft	131.2	196.9	262.5	262.5
	Max. length for one indoor unit	ft	82	98.4	114.8	114.8
	Max. height difference I.U. / O.U.	ft	49.2	49.2	49.2	49.2
	Max. height difference I.U. / I.U.	ft	33	33	33	33
Connection wiring Stranded / unshielded		AWG	14AWG*4	14AWG*4	14AWG*4	14AWG*4
Ambient temperature	Cooling	°F	5~122	5~122	5~122	5~122
	Heating	°F	-13~75	-13~75	-13~75	-13~75

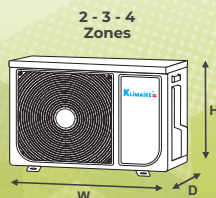
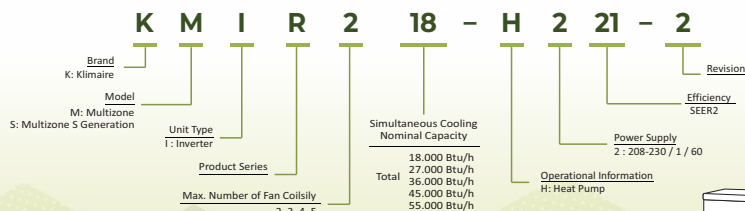
Continued product improvement is our goal at Klimaïre Products, Inc. Hence, specifications and data listed herein are subject to change without notice and without obligation on our part. Always comply with local, state, and national electrical codes.

1 - Minimum 10 ft line set recommended.

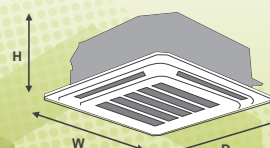
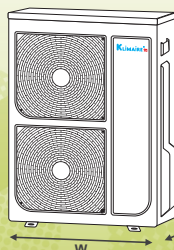
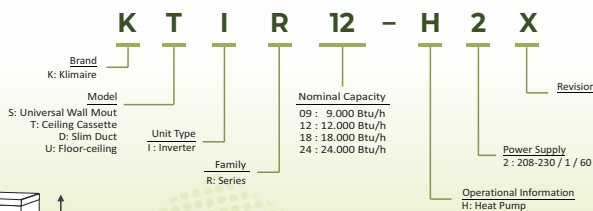
2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft ( 5 to 7 m).

3 - Factory installed only, not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5° F.

## OUTDOOR UNIT PRODUCT CODE



## INDOOR UNIT PRODUCT CODE



Compatible with:  
KSIE Single Zone Outdoor Unit



## WIRELESS REMOTE CONTROL RG10B1(D)/BGEF

**ON/OFF**  
Turns the unit on or off.

**TEMP**  $\wedge$   
Increases temperature in 1°C (1°F) increments.  
Max. temperature is 30°C (86°F).  
NOTE: Press together  $\vee$  &  $\wedge$  buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F.

**SET**  
Scrolls through operation functions as follows:  
Fresh(  $\varnothing$  ) → Sleep(  $\text{☾}$  ) → Follow Me(  $\text{⋈}$  ) → AP mode(  $\text{Ⓜ}$  ) → Fresh...  
The selected symbol will flash on the display area, press the OK button to confirm.

**TEMP**  $\vee$   
Decreases temperature in 1°C (1°F) increments.  
Min. temperature is 16°C (60°F).

**FAN SPEED**  
Selects fan speeds in the following order: AU → 20% → 40% → 60% → 80% → 100%.  
Press the TEMP  $\wedge$  or  $\vee$  button to increase/decrease the fan speed in 1% increments.

**SWING**  
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature.

**MODE**  
Scrolls through operation modes as follows: **AUTO** → **COOL** → **DRY** → **HEAT** → **FAN**  
NOTE: HEAT mode is not supported by the cooling only appliance.

**SLEEP**  
Saves energy during sleeping hours.

**OK**  
Used to confirm the selected functions

**TIMER**  
Set timer to turn unit on or off

**SHORTCUT**  
Used to restore the current settings or resume previous settings. Revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature.

**CLEAN**  
Used to start/stop the Self Clean or Active Clean function. (Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

**LED**  
Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

**Turbo**  
Enables unit to reach preset temperature in shortest possible time



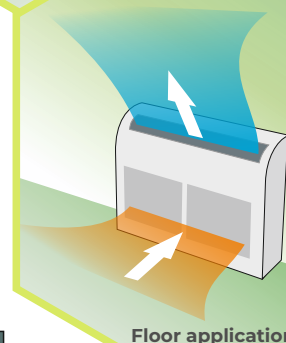
**Remote Control Holder**

# KUIR

## FLOOR - CEILING MOUNTED

### 9, 12, 18 & 24,000 BTU

Our universal floor-ceiling mounted KUIR09-24 indoor units offer exceptional versatility and can be installed low on the wall, on the floor, or suspended from the ceiling without any modifications the perfect solution for those looking for an optimal air circulation and stylish way to control the temperature in their spaces. Engineered for extremely quiet operation and robust construction, these units are perfect for high-traffic and public areas for your heating and cooling needs. Their durability and efficient performance ensure reliable comfort in even the most demanding environment.

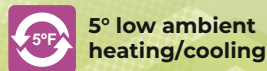
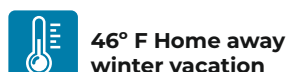
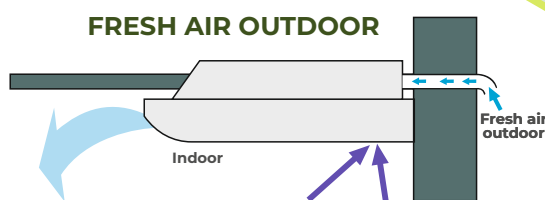


#### STANDARD FEATURES

- Continuous air sweep to evenly distribute the air
- Louver control (fixed or swing)
- Anti-corrosive fin coating
- Three fan speeds

#### FLEXIBLE AND EASY INSTALLATION

- Slim stylish profile, off white color to blend in any decor
- Versatile mounting floor or ceiling application
- Multiple operation modes
- Washable, re-usable air filter
- LCD wireless remote control
- Fresh air intake port



KUIR Series Floor-Ceiling Fan coil Unit			KUIR18-H2	KUIR24-H2
Power supply		V-ph-Hz	208-230~1-60	208~230-1-60
Capacity	Cooling	Btu/h	18,000	24,000
	Heating @ 47° F	Btu/h	18,000	24,000
Indoor fan motor	Power Input	W	55	55
	RLA	A	1.5	2
	Speed(Hi/Med/Lo)	rpm	950/850/750	1,350/1,260/1,120
Indoor unit	Air flow (Hi/Med/Lo)	cfm	578/521/465	759/708/598
	Noise level (Hi/Med/Lo)	dB(A)	47/44/39	53/48/42
	Dimension (WxDxH)	in	42.05x26.57x9.25	42.05x26.57x9.25
	Packing (WxDxH)	in	45.08x29.72x12.32	45.08x29.72x12.32
	Net/Gross weight	lb	55.12/65.48	58.42/69.23
Design pressure		psig	550 / 340	550 / 340
Drainage water pipe diameter		in	OD ϕ 1"	OD ϕ 1"
Refrigerant piping	Liquid side/Gas side	in	1/4" / 1/2"	3/8" / 5/8"
Controller			Remote control	Remote control
Room temperature	Cooling	°F	62~90	62~90
	Heating	°F	32~86	32~86
Operation temperature		°F	62~86	62~86

Continued product improvement is our goal at Klimaïre 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 10 ft line set recommended.

2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft ( 5 to 7 m).

3 - Factory installed only, not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5° F.

Compatible with: KSIE Single Zone Outdoor Unit



## WIRELESS REMOTE CONTROL

RG10A(B2S)/BGEF

Remote  
Control  
Holder



**ON/OFF**  
Turns the unit on or off.

**TEMP** ^  
Increases temperature in 1°C (1°F) increments.  
Max. temperature is 30°C (86°F).  
NOTE: Press together v & ^ buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F.

**SET**  
Scrolls through operation functions as follows:  
Fresh( ) → Sleep( ) → Follow Me( ) → AP mode( ) → Fresh...

The selected symbol will flash on the display area, press the OK button to confirm.

**TEMP** v  
Decreases temperature in 1°C (1°F) increments.  
Min. temperature is 16°C (60°F).

**FAN SPEED**  
Selects fan speeds in the following order: AU → 20% → 40% → 60% → 80% → 100%.  
Press the TEMP ^ or v button to increase/decrease the fan speed in 1% increments.

**SWING**  
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature.

### MODE

Scrolls through operation modes as follows: **AUTO** → **COOL** → **DRY** → **HEAT** → **FAN**

**NOTE:** HEAT mode is not supported by the cooling only appliance.

### ECO/GEAR

Press this button to enter the energy efficient mode in a sequence of following:  
ECO → GEAR(75%) → GEAR(50%) → Previous setting mode → ECO .....

### OK

Used to confirm the selected functions

### TIMER

Set timer to turn unit on or off  
**BREEZE AWAY**

This feature avoids direct air flow blowing on the body and makes you feel indulging in silky coolness.

**NOTE:** This feature is available under cool, Fan and Dry mode only

### CLEAN

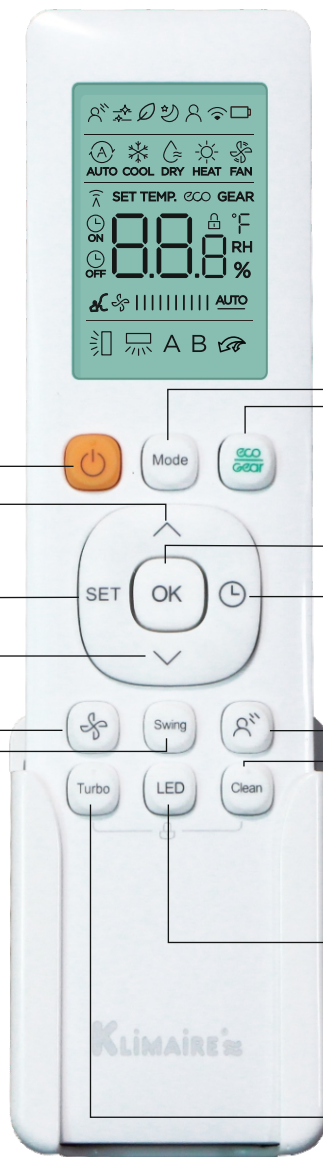
Used to start/stop the Self Clean or Active Clean function. (Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

### LED

Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

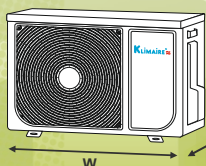
### Turbo

Enables unit to reach preset temperature in shortest possible time



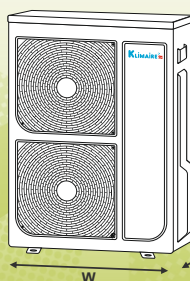
### OUTDOOR UNIT PRODUCT CODE

Brand	Model	Unit Type	Max. Number of Fan Coils	Power Supply	Operational Information	Revision
K: Klimaïre	M: Multizone S: Multizone S Generation	I: Inverter	2, 3, 4, 5	2 : 208-230 / 1 / 60	H: Heat Pump	
Product Series			Efficiency SEER			
Simultaneous Cooling Nominal Capacity			Power Supply			
Total			2 : 208-230 / 1 / 60			
18,000 Btu/h			Operational Information			
27,000 Btu/h			H: Heat Pump			
36,000 Btu/h						
45,000 Btu/h						
55,000 Btu/h						



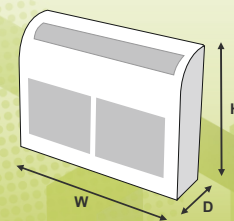
2 - 3 - 4  
Zones

2 - 3 - 4 - 5  
Zones



### INDOOR UNIT PRODUCT CODE

Brand	Model	Unit Type	Nominal Capacity	Power Supply	Operational Information	Revision
K: Klimaïre	S: Universal Wall Mount T: Ceiling Cassette D: Slim Duct U: Floor-ceiling	I: Inverter	09 : 9,000 Btu/h 12 : 12,000 Btu/h 18 : 18,000 Btu/h 24 : 24,000 Btu/h	2 : 208-230 / 1 / 60	H: Heat Pump	
Product Series			Efficiency SEER			
E: Series			Power Supply			
			2 : 208-230 / 1 / 60			
			Operational Information			
			H: Heat Pump			

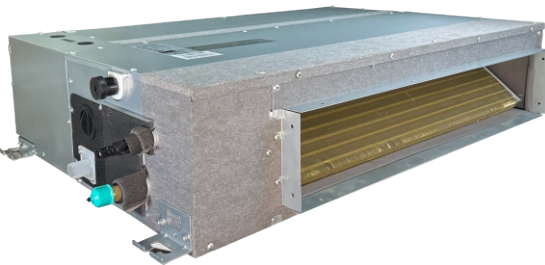


# KDIP


## SLIM DUCT HIDE-AWAY LOW-PROFILE CEILING RECESSED UNIT

### 9, 12, 18, 24,000 Btu/h

The slim duct hide-away low-profile fan coil unit offers discreet and efficient climate control, ideal for mounting above a dropped ceiling or in an attic space. This unit requires no floor space or cabinet enclosure, optimizing your available area. Its design uses minimal ductwork, enhancing energy efficiency. The standard back air inlet ensures seamless operation, with an optional bottom air inlet available to suit various installation needs.



## FEATURES

-  **46° F Home Away Winter Vacation**
-  **Static Pressure Fan Speed Switch**
-  **2-Way Draining Connection**
-  **Sleep mode**
-  **Wired Vontrolled**
-  **Follow Me Function**
-  **Auto Restart**
-  **Anti-Cold-Air**
-  **5° Low Ambient Heating/Cooling**

- **Concealed and Out of Sight:** Blends seamlessly into any space.
- **Efficient Performance:** Offers the efficiency of a mini split with the appearance of central air.
- **Minimal Ductwork:** Shorter ducts reduce duct losses, increasing efficiency.
- **Flexible Air Return Options:** Interchangeable return air inlet between back or bottom flange plate.
- **Fresh Air Intake Duct Connection:** Enhances indoor air quality.
- **Ideal for heating & cooling nearby zones.**

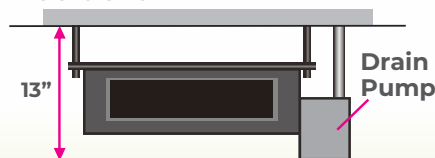


## SLIM DUCT

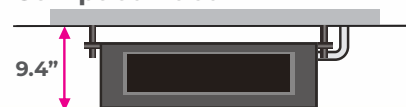
Excellent to use when ceiling cavity is small and there is no slope for drain. The Industry lowest height is designed to be fitted into tight ceiling spaces 8.3 "unit height 9/12/18K & 10" 24K



**Traditional**

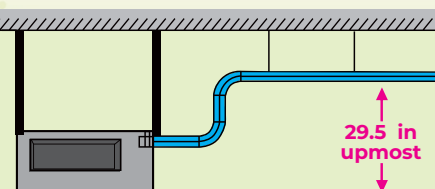


**Compact Duct**



## BUILT-IN DRAIN PUMP (OPTIONAL)

The drain pump can lift the condensing water up to 29.5 inches.

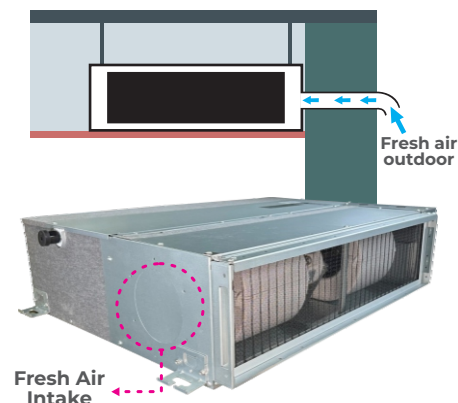






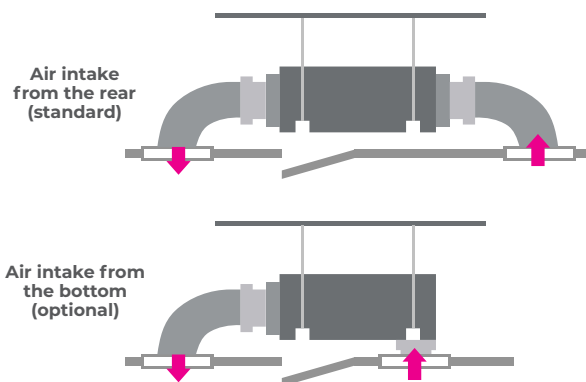
## ENHANCED INDOOR AIR QUALITY WITH FRESH AIR FUNCTION

The fresh air function is designed to significantly improve the quality of indoor air, ensuring a healthier and more comfortable environment. For optimal performance, a ventilation motor (to be provided by the installer) can be integrated within the fresh air duct. The main PCB features reserved ports specifically for this motor, allowing for an increased volume of fresh air and enhanced ventilation.



## FLEXIBLE AIR RETURN INTAKE

The air return intake offers flexibility with a standard air inlet from the back and an optional inlet from the bottom. The size of the plate at the bottom and the flange at the back are identical, making it easy for the installer to switch the air inlet from the back to the bottom as needed.



## STANDARD FEATURES

- **Insulated Cabinet:** Ensures exceptionally quiet operation with a compact design.
- **Static Pressure Fan Switch:** Accommodates various duct designs for flexible installation.
- **Constant Air Volume Control:** Maintains consistent airflow for optimal comfort.
- **Operating Modes:** Cool, Heat, Dry, Fan, Auto.
- **Flexible Return Options:** Choose between rear or bottom return.
- **Outside Air Intake:** Enhances indoor air quality.
- **Condensate Drain Pumps:** Built-in for 24k units. External for 9k – 18k units.
- **Anti-Corrosive Fin Coating:** Provides durability and long-lasting performance.

## WIRED AND WIRELESS CONTROL OPTIONS

- **Programmable Wired Remote Control:** The wired remote control (includes a 6.5 ft connection wire) allows you to set the operation time and have full control of the unit.
- **Remote Control Signal Receiver Box:** Should be fixed outside the unit for optimal signal reception.
- **Smart Connectivity:** Can be connected to various Wi-Fi smart air conditioners or wireless remote controls purchased separately, providing flexible control options.
- **Anti-Corrosive Fin Coating:** Provides durability and long-lasting performance.

## OPTIONAL ACCESSORIES

Optional accessories are available to meet the different needs of customers and enhance performance.

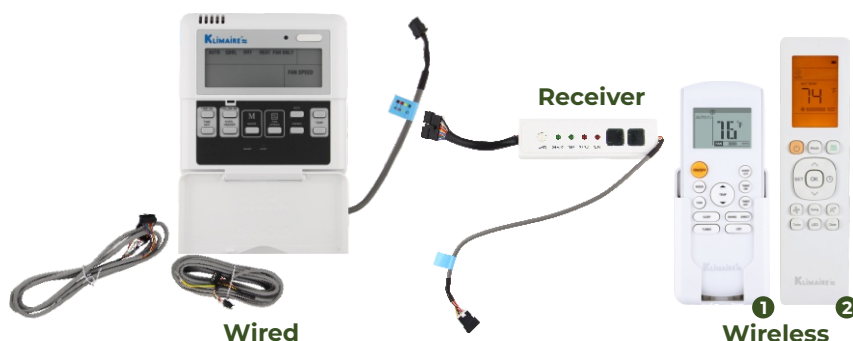


Filter



Front board

## REMOTE CONTROLS



Wired

Wireless

## TECHNICAL SPECIFICATIONS

Klimaïre Model Number			KDIP09-H2	KDIP12-H2	KDIP18-H2	KDIP24-H2
Power supply (indoor unit powered from outdoor unit)			V-ph-Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Capacity	Cooling	Btu/h	9,000	12,000	18,000	24,000
	Heating @ 47° F	Btu/h	10,000	12,000	20,000	24,600
Indoor fan motor	Power input	W	130	130	90	90
	RLA	A	0.6	0.6	0.4	0.4
	Speed	rpm	1170/1030/850	1170/1030/850	850/700/450	880/820/690
Minimum Circuit Ampacity - MCA			A	1,1	1,2	1,2
Indoor air flow (Hi/Med/Lo) (No duct)			cfm	264/211/147	353/282/176	529/450/371
ESP (External Static Pressure)	Rated	Pa	25	25	25	25
	Range	Pa	0-40	0-40	0-100	0-160
Indoor noise level (Hi/Med/Lo)			dB(A)	34/29/27	38/35/31	43/40/38
Drain pipe size O.D.			in	1"	1"	1"
Refrigerant piping	Liquid / Gas	in	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
Design pressure			psig	550/340	550/340	550/340
Dimensions	Unit	in	27.6"x20"x7.9"	27.6"x20"x7.9"	34.7"x28.5"x8.3"	43"x30"x10"
	Packing	in	33.9"x21.3"x11.2"	33.9"x21.3"x11.2"	42.1"x25.5"x11"	51"x32"x12.4"
Weight	Net / Gross	lb	37.5 / 48.3	39.2 / 48.5	54 / 66	90.4 / 105.8
Controller type		Standard	Wired	Wired	Wired	Wired
		Standard	Wireless	Wireless	Wireless	Wireless
Room temperature	Cooling	°F	62~90	62~90	62~90	62~90
	Heating	°F	32~86	32~86	32~86	32~86
Operation temperature			°F	62~86	62~86	62~86
Application area (cooling)			sq. ft.	129~194	172~247	258~377
						344~505

Continued product improvement is our goal at Klimaïre 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 10 ft line set recommended.

2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft ( 5 to 7 m).

3 - Factory installed only, not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5° F.

Compatible with: KSIE Outdoor Unit Single Zone



# KMIR - KDIP TECHNICAL SPECIFICATIONS

Klimaïre Outdoor Unit Model Number			KMIR218-H221-2	KMIR327-H217-2	KMIR436-H217-2	KMIR545-H219-2
Klimaïre Indoor Unit Model Number			KDIP09-H2 x2	KDIP09-H2 x3	KDIP09-H2 x4	KDIP09-H2 x4 + KDIP12-H2 x1
Power supply			V-ph-Hz	208-230/ 1 /60	208-230/ 1 /60	208-230/ 1 /60
Cooling	Capacity	Btu/h	18,000 (3,850~22,400)	28,000 (9,277~30,776)	36,000 (8,789~40,288)	48,000 (19,400~51,000)
	EER2	Btu/W	12	11.7	11	10.8
	SEER2	Btu/W	19	21	20	20.5
	Capacity	Btu/h	19,000 (4,350~25,800)	28,000 (8,388~28,869)	37,000 (6,900~46,624)	50,000 (15,500~56,000)
Heating @ 47°F	COP2	W/W	3.62	3.66	3.66	3.73
	HSPF4	Btu/W	9.8	9.2	9.2	9.7
Heating @ 17°F	Rated capacity	Btu/h	15,000	18,500	29,000	33,000
Heating @ 5°F	Maximum capacity	Btu/h	13,300	18,700	24,000	33,000

Klimaïre Outdoor Unit Model Number			KMIR218-H221-2	KMIR327-H217-2	KMIR436-H217-2	KMIR545-H219-2
Max. Fuse Size			A	25	30	40
Compressor	Type		Twin-ROTARY	Twin-ROTARY	ROTARY	ROTARY
	Capacity	Btu/h	16139	25932	34155	38216
	Power Input	W	1250	2045	2765	3040
	Rated current (RLA)	A	5.4	8.9	12	13.2
	Quantity	n	1	1	1	2
Outdoor fan motor	Power Input	W	80	120	120	85
	RLA	A	1.35	1.7	1.0	2.5
	Speed	rpm	750/600/500	1,050/900/850	1,000/900/750	900/850/800/750
Outdoor air flow			cfm	1,765	2,129	2,147
Outdoor noise level			dB(A)	59.5	60	63.5
Outdoor unit	Dimensions (W*D*H)	in	35.0x13.5x26.5	37.2x16.1x31.9	37.2x16.1x31.9	37.5x16.3x52.5
	Packing (W*D*H)	in	40.5x17.2x29.5	42.9x19.7x34.8	42.9x19.7x34.8	43.1x19.5x58.3
O.U. Net/Gross weight			lb	100.3/108.7	139.8/150.6	169.1/181.4
Refrigerant	Type		R410-A	R410-A	R410-A	R410-A
	Charge	oz	65.26	91.7	134.04	162
Additional charge/ft	Liquid pipe 1/4"	oz	0.161	0.161	0.161	0.161
	Gas pipe 3/8"	oz	0.322	0.322	0.322	0.322
Design pressure			psig	550/340	550/340	550/340
Refrigerant piping	Liquid pipe	in	2x1/4"	3x1/4"	4x1/4"	5x1/4"
	Gas pipe	in	2x3/8"	3x3/8"	3x3/8" + 1x1/2"	3x3/8" + 2x1/2"
	Max. length for all rooms	ft	131.2	196.9	262.5	262.5
	Max. length for one indoor unit	ft	82	98.4	114.8	114.8
	Max. height difference I.U. / O.U.	ft	49.2	49.2	49.2	49.2
	Max. height difference I.U. / I.U.	ft	33	33	33	33
Connection wiring Stranded / unshielded			AWG	14AWG*4	14AWG*4	14AWG*4
Ambient temperature	Cooling	°F	5~122	5~122	5~122	5~122
	Heating	°F	-13~75	-13~75	-13~75	-13~75

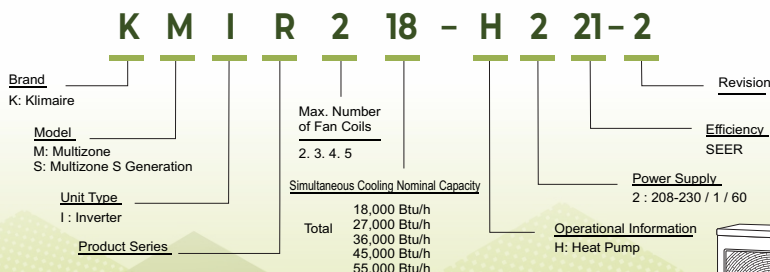
Continued product improvement is our goal at Klimaïre Products Inc. Hence, specifications and data listed herein are subject to change without notice and without obligation on our part. Always comply with local, state, and national electrical codes.

1 - Minimum 10 ft line set recommended.

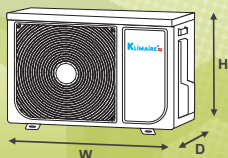
2 - Outdoor unit being elevated than the indoor unit oil trap should be installed every 17 ft to 23 ft ( 5 to 7 m).

3 - Factory installed only. not field option. Units may operate in heating and cooling mode until the ambient conditions reach 5°F.

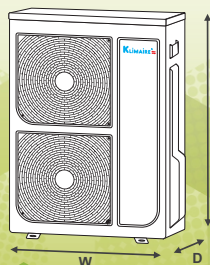
## OUTDOOR UNIT PRODUCT CODE



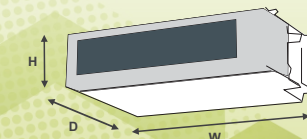
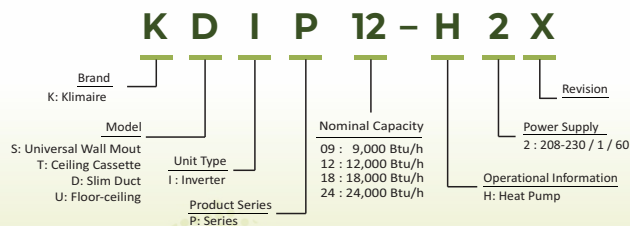
2 - 3 - 4 Zones



2 - 3 - 4 - 5 Zones



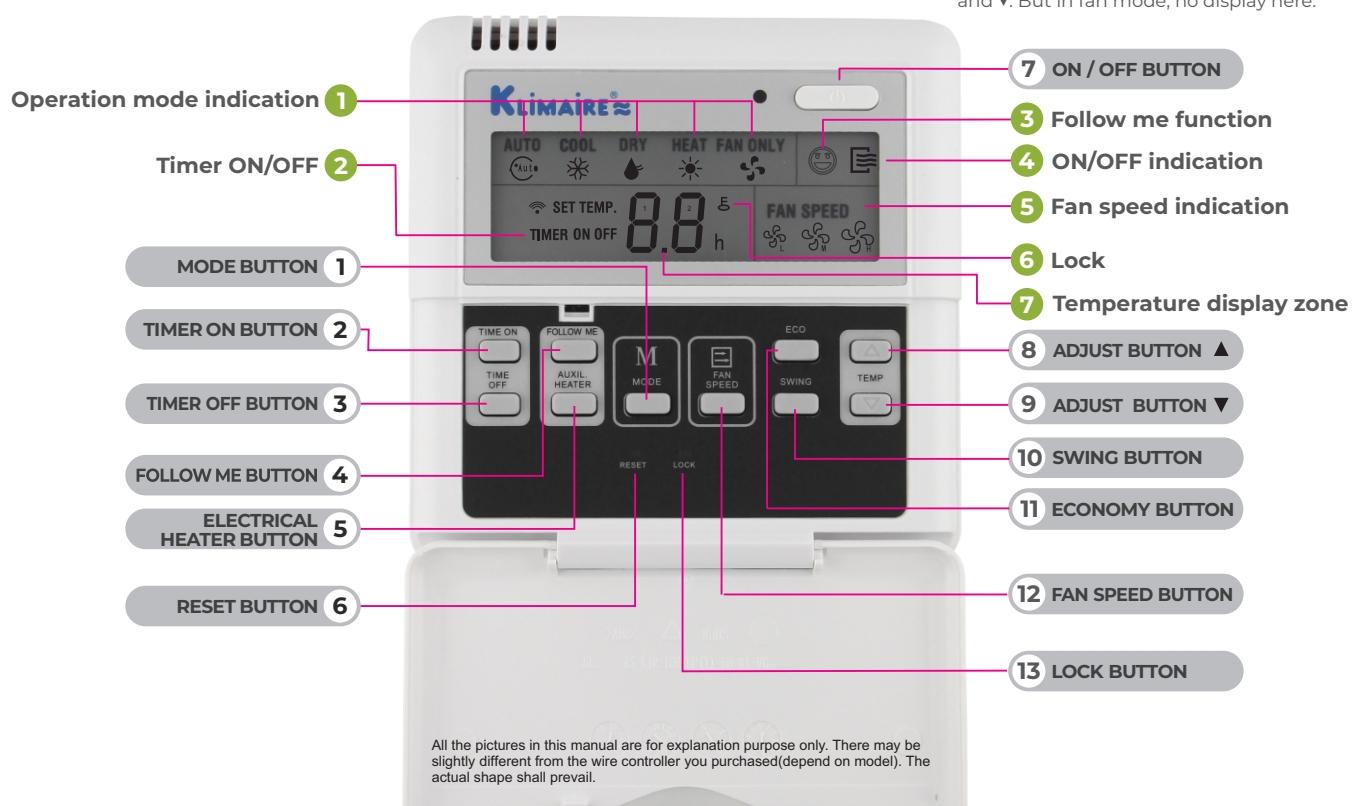
## INDOOR UNIT PRODUCT CODE



Compatible with:  
KSIE Outdoor Unit Single Zone

## WIRED REMOTE CONTROL KJR-12B/DP(T)-F-1-04(RoHS)

- Operation mode indication:** When press "MODE" button, the following mode can be selected in circle. Auto→Cool→Dry→Heat→Fan only→Auto. For cooling only model, heat mode is skipped.
- Timer:** When adjust setting on time or only on time is set, the "ON" is lighted. When adjust setting off time or only off time is set, the "OFF" is lighted. If on and off timer are both set, the "ON" and "OFF" are both lighted.
- Follow me function:** There is a temperature sensor inside the wire controller, after setting temperature, it will compare the two temperatures, and the space of wire controller will be the same as setting temperature. It is available under cooling, heating, auto mode.
- ON/OFF indication:** When it is on, the icon display, otherwise it is extinguished.
- Fan speed indication:** There are four fan modes: low, middle, high, auto. For some models, no middle fan then the middle fan is seen as high speed.
- Lock:** When the "LOCK" button is pressed, the icon appear and other buttons is unable, press again, the icon disappear.
- Temperature display zone:** Generally it displays setting temperature, it can be adjusted by press temperature button ▲ and ▼. But in fan mode, no display here.



- Mode button:** When press this button, the operation mode change as the following sequence:  
→AUTO→COOL→DRY→HEAT→FAN  
Remark: For the cooling only model, the heating mode is skipped.
- Timer on button :** Press this button, timer on function is active. Then every press, the time increase 0.5h, after 10h, 1h increasement after each press. If cancel this Function, just set it to "0.0".
- Timer off button:** Press this button, timer off function is active. Then every press, the time increase 0.5h, after 10h, 1h increasement after each press. If cancel this function, just set it to "0.0".
- Follow me button:** When under cool, heat and auto mode, press this button, follow me function is active. Pressing the ON/OFF button or MODE button will not cancel the Follow me feature. This function is disable when the unit is off or under DRY or FAN mode. Pressing the FOLLOW ME button again will cancel the follow me feature.
- Electrical heater button:** If press this button in heat mode, electrical heater function become ineffective.
- Reset button(hidden):** Use a 1mm stick to press in the little hole, then the current setting is canceled. The wire controller enter into original state.
- ON/OFF button:** When in off state, press this button, the indicator is on, the wire controller enter into on state, and send setting information to in door Pcb. When in on state, press this button, the indicator is off, and send instruction. If timer on or timer off has been set, it cancel this setting then send instruction to stop the machine.
- Adjust button ▲:** Set indoor temperature up. If press and hold on, it will increase at 1°C(1°F) per 0.5 second.
- Adjust button ▼:** Set indoor temperature down. If press and hold on, it will decrease at 1°C(1°F) per 0.5 second.



## WIRED REMOTE CONTROL

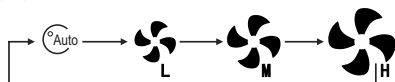
KJR-12B/DP(T)-F-1-04(RoHS)

**NOTE:** Press and hold UP and DOWN buttons together will alternate the temperature display between the °C & °F scale.

**10 Swing button:** Used to set the airflow direction. Hold down this button for 2 seconds to activate auto swing feature.

**11 Economy operation button:** press this button, the indoor unit operates in economy mode, press again, exit this mode (it may be ineffective for some models)

**12 Fan speed button:** press this button consecutively, the fan speed will circle as follow:



**13 Lock button (hidden):** When you push the LOCK button, all current settings are locked in and the wire controller does not accept any operation except that of the LOCK button. Use the lock mode when you want to prevent setting from being changed accidentally or play fully. Push the LOCK button again when you want to cancel the LOCK mode.

### USING METHOD

#### AUTOMATIC OPERATION

Connect to power, indoor operation lamp flash.

1. Press "MODE" button, select "AUTO".
2. using the UP (▲) and DOWN (▼) buttons set temperature you want, generally it is among 62°F~86°F (17°C~30°C).
3. Press "ON/OFF" button, operation lamp is on, the air-conditioner work in auto mode, indoor fan is auto, and can not be changed. Auto is displayed on LCD. Press ON/OFF button again to stop.
4. Economy operation is valid in auto mode.
5. In event of power interruption such as a blackout, the air conditioner stops once. But it restarts automatically and performs previous operation when the power supply is resumed.

#### COOL/HEAT/FAN MODE OPERATION

1. Press "MODE" button, select "COOL", "HEAT" or "FAN ONLY" mode.
2. Press temperature adjust button to select setting temp.
3. Press "FAN SPEED" button to select high/mid/low/auto.
4. Press "ON/OFF" button, indoor unit operation lamp on, it works in selected mode. Press "ON/OFF" button again, it stops to work.

**Remark:** When in fan mode, no temperature can be set.

#### DRY OPERATION

1. Press "MODE" button, select "DRY" mode.
2. Press temperature adjust button to select setting temp.
3. Press "ON/OFF" button, indoor unit operation lamp on, it works in dry mode. Press ON/OFF button again, it stops to work.
4. In dry mode, economy operation and fan speed are ineffective.

#### TIMER SETTING

##### Timer on only:

1. Press "TIME ON" button, it display "SET" on LCD, and display "H" and "ON", it is waiting for timer on setting.
2. Press "timer" on button repeatedly to adjust time setting.
3. If press this button and hold on, the time will increase at 0.5h, after 10h, it increase at 1h.
4. After setting 0.5 second, the wire controller send timer on information, it is finished.

##### Timer off only:

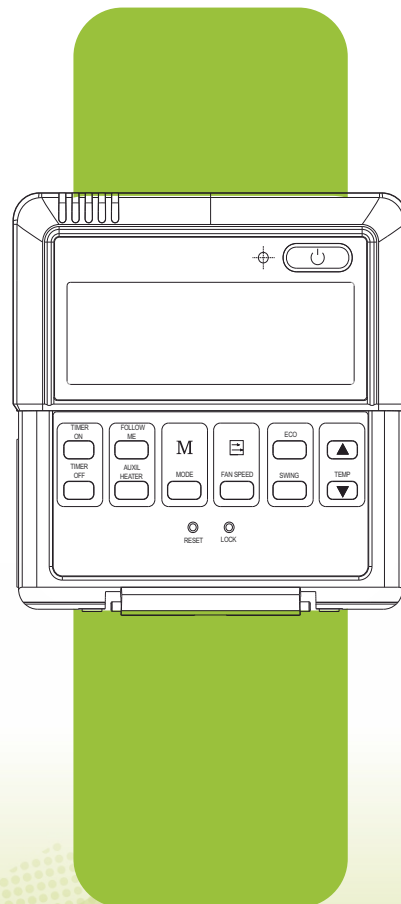
1. Press "TIME OFF" button, it display "SET" on LCD, and display "H" and "ON", it is waiting for timer on setting.
2. Press "TIME OFF" button repeatedly to adjust time setting.
3. If press this button and hold on, the time will increase at 0.5h, after 10h, it increase at 1h.
4. After setting 0.5 second, the wire controller send timer off information, it is finished.

#### TIMER ON AND TIMER OFF BOTH

1. Set timer on time as the corresponding step1 and 2.
2. Set timer off time as the corresponding step1 and 2.
3. Timer off time must be longer than timer on time.
4. 0.5 second after setting, the wire controller send information. the setting is finished.

#### CHANGE TIMER

If there is a need of changing timer time, press corresponding button to revise it. If cancel timer, change timer time to 0.0.



## REMOTE CONTROL RG57A6/BGEFU1

### 1 ON/OFF Button

This button turns the air conditioner ON and OFF.

### 2 MODE Button

Press this button to modify the air conditioner mode in a sequence of following:

AUTO → COOL → DRY → HEAT → FAN

**NOTE:** Please do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

### 3 FAN Button

Used to select the fan speed in four steps:

AUTO → LOW → MED → HIGH

**NOTE:** You can not switch the fan speed in AUTO or DRY mode.

### 4 SLEEP Button

- Active/Disable sleep function. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only.

- For the detail, see "sleep operation" in "USER'S MANUAL".

**NOTE:** While the unit is running under SLEEP mode, it would be cancelled if MODE, FAN SPEED or ON/OFF button is pressed.

### 5 TURBO Button

Active/Disable Turbo function. Turbo function enables the unit to reach the preset temperature at cooling or heating operation in the shortest time (if the indoor unit does not support this function, there is no corresponding operation happened when pressing this button.)

### 6 UP Button (▲)

Push this button to increase the indoor temperature setting in 1°F increments to 86°F.

### DOWN Button (▼)

Push this button to decrease the indoor temperature setting in 1°F increments to 62°F.

**NOTE:** Temperature control is not available in Fan mode.

**NOTE:** Press and hold UP and DOWN buttons together for 3 seconds will alternate the temperature display between the °C & °F scale.

### 7 SHORT CUT

- Used to restore the current settings or resume previous settings.
- On the first time connecting to the power, if push the SHORTCUT button, the unit will operate on AUTO mode, 26°C, and fan speed is Auto.
- Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).
- If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

### 8 TIMER ON Button

Press this button to initiate the auto-on time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 10.0, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-on time to 0.0.

### 9 TIMER OFF Button

Press this button to initiate the auto-off time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 10.0, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, simply adjust the auto-off time to 0.0.

### 10 SWING Button

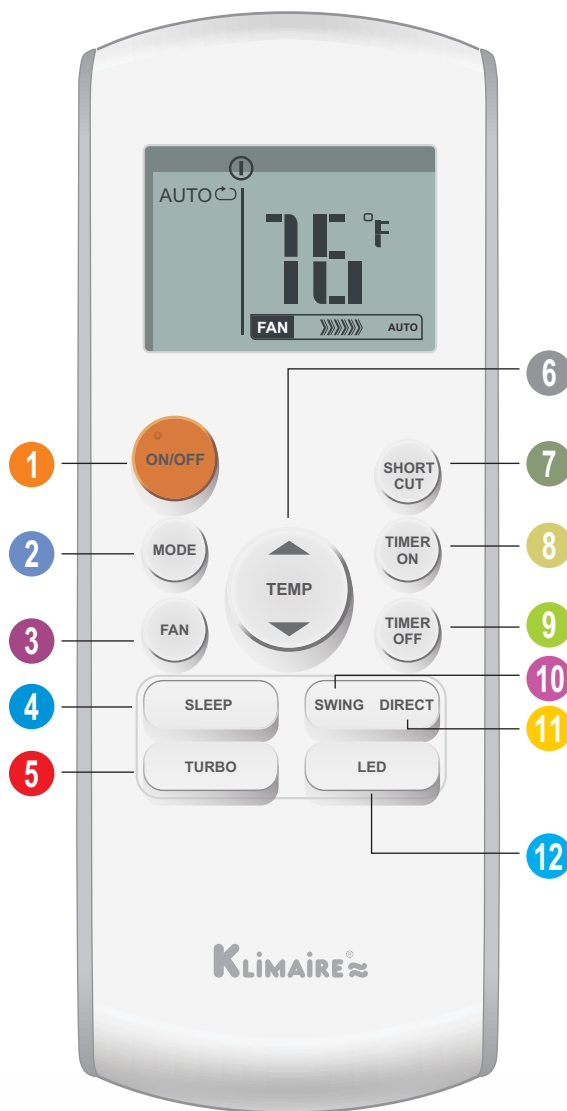
Used to stop or start horizontal louver auto swing feature.

### 11 DIRECT Button

Used to change the louver movement and set the desired up/down air flow direction. The louver changes 6° in angle for each press.

### 12 LED Button

Disable/Active indoor screen Display. When pushing the button, the indoor screen display is cleared, press it again to light the display.



**Remote Control  
Holder**

## WIRELESS REMOTE CONTROL RG10A(B2S)/BGEF

**ON/OFF**  
Turns the unit on or off.

**TEMP ^**  
Increases temperature in 1°C (1°F) increments. Max. temperature is 30°C (86°F).  
**NOTE:** Press together ∨ & ^ buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F.

**SET**  
Scrolls through operation functions as follows:  
Fresh (🍃) → Sleep (💤) → Follow Me (👤) → AP mode (📶) → Fresh...  
The selected symbol will flash on the display area, press the OK button to confirm.

**TEMP ∨**  
Decreases temperature in 1°C (1°F) increments. Min. temperature is 16°C (60°F).

**FAN SPEED**  
Selects fan speeds in the following order: AU → 20% → 40% → 60% → 80% → 100%.  
Press the TEMP ^ or ∨ button to increase/decrease the fan speed in 1% increments.

**SWING**  
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature.

### MODE

Scrolls through operation modes as follows: **AUTO** → **COOL** → **DRY** → **HEAT** → **FAN**

**NOTE:** HEAT mode is not supported by the cooling only appliance.

### ECO/GEAR

Press this button to enter the energy efficient mode in a sequence of following:  
ECO → GEAR(75%) → GEAR(50%) → Previous setting mode → ECO .....

### OK

Used to confirm the selected functions

### TIMER

Set timer to turn unit on or off

### BREEZE AWAY

This feature avoids direct air flow blowing on the body and makes you feel indulging in silky coolness.

**NOTE:** This feature is available under cool, Fan and Dry mode only

### CLEAN

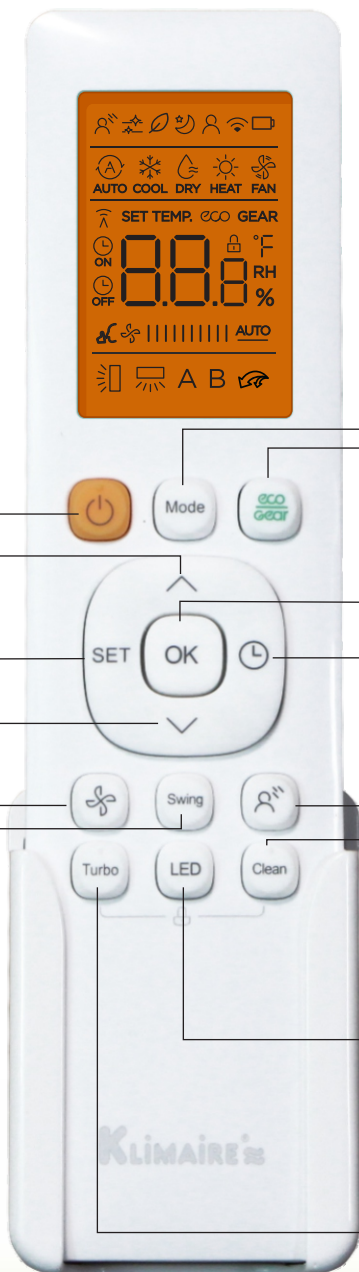
Used to start/stop the Self Clean or Active Clean function. (Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

### LED

Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

### Turbo

Enables unit to reach preset temperature in shortest possible time

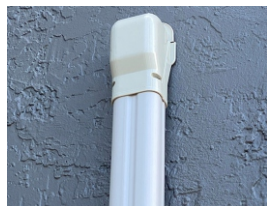


**Remote Control  
Holder**



## ACCESSORIES

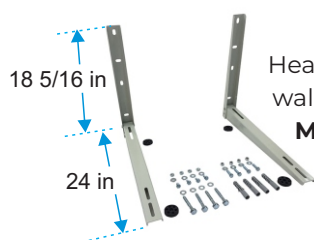
### REFRIGERANT LINE COVER KIT (16 FT)



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.

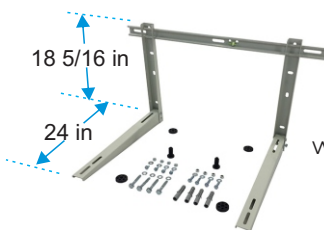


### BRACKETS



#### 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

### INSTALLATION KITS

Kit Number	Specification	Application
<b>IKM1438F16-C17</b>	1/4" liquid x 3/8" suction - 16' length	9k Btu Fan coils
<b>IKM1438F25-C26</b>	1/4" liquid x 3/8" suction - 25' length	9k Btu Fan coils
<b>IKM1412F16-C17</b>	1/4" liquid x 1/2" suction - 16' length	12k & 18k Fan coils
<b>IKM1412F25-C26</b>	1/4" liquid x 1/2" suction - 25' length	12k & 18k Fan coils
<b>IKM1412F35-C36</b>	1/4" liquid x 1/2" suction - 35' length	12k & 18k Fan coils
<b>IKM3858F16-C17</b>	3/8" liquid x 5/8" suction - 16' length	24k Fan coils
<b>IKM3858F25-C26</b>	3/8" liquid x 5/8" suction - 25' length	24k Fan coils
<b>IKM3858F50-C51</b>	3/8" liquid x 5/8" suction - 50' length	24k Fan coils



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



# KMIR Series Multi-Zone Heating & Cooling Systems

RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS



Klimaire Products Inc.  
7999NW 81 Place - Miami, FL 33166 - USA  
Tel: (305)593-8358 - Fax (305) 675-2212  
[www.klimaire.com](http://www.klimaire.com) - [sales@klimaire.com](mailto:sales@klimaire.com)



**KlimaIRE**  
Mark of Superior Quality