

1x1 WALL SPLIT MUPR-H14X Series

MUNDCLIMA®
SUPER DC INVERTER

- High energy efficiency with a SEER up to 9.5!
- Built-in presence sensor to save energy
- Humidity control (between 35% and 85%)
- Multifunction module included (ON/OFF port and central control)
- Save installation and maintenance time!
- Disassemble the indoor unit in less than 1 minute
- At the same time it takes care of people's health thanks to the air purification function by **Ionizer**



Gas
R32
More
Eco-friendly

SEER
A+++
of up to
9.5

SCOP
A++



RG10L5(G2HS)/BGEF
Included
(CL09110)

DESIGNED BY AND
FOR THE INSTALLER
*You've never seen anything
like that*



OPTIONALS

Wired control with WIFI



KJR-120N(X4W)/BGEF
(CL09211)



KJR-120P(X6W)/EF
(Black)
(CL09214)



MD-AC-MBS
(CL99097)



MD-AC-KNX
(CL94792)



INBACMID
(CL99222)

BMS

More information on optionals in "CONTROL SYSTEMS"

Centralized controller



CCM180A/WS
(CL09300)



CCM30/BKE
(CL92871)

WiFi AIDOO Airzone



AZAI6WSCGM1
(CO48080)

Accessories



M-CHECK
(CL09410)

⁽¹⁾ SCOP A++ in medium climate zone, except model 24, see specification table.

MUPR-H14X Series WALL SPLIT

MUNDCLIMA®
SUPER DC INVERTER
■ MORE AIR, MORE EFFICIENT... FRESHER, PURER

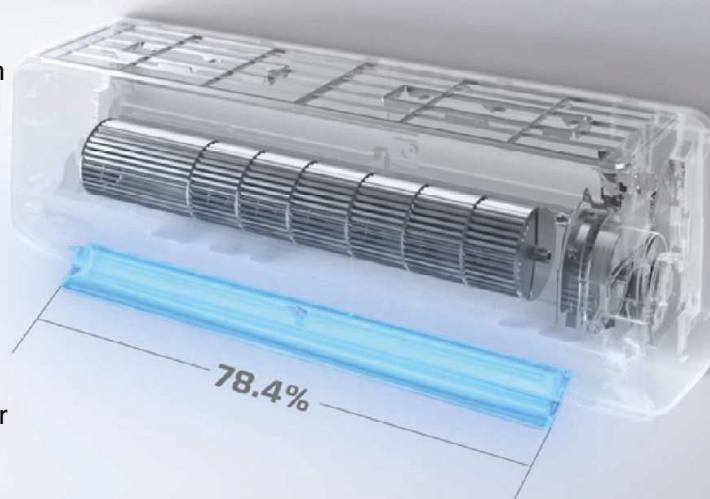
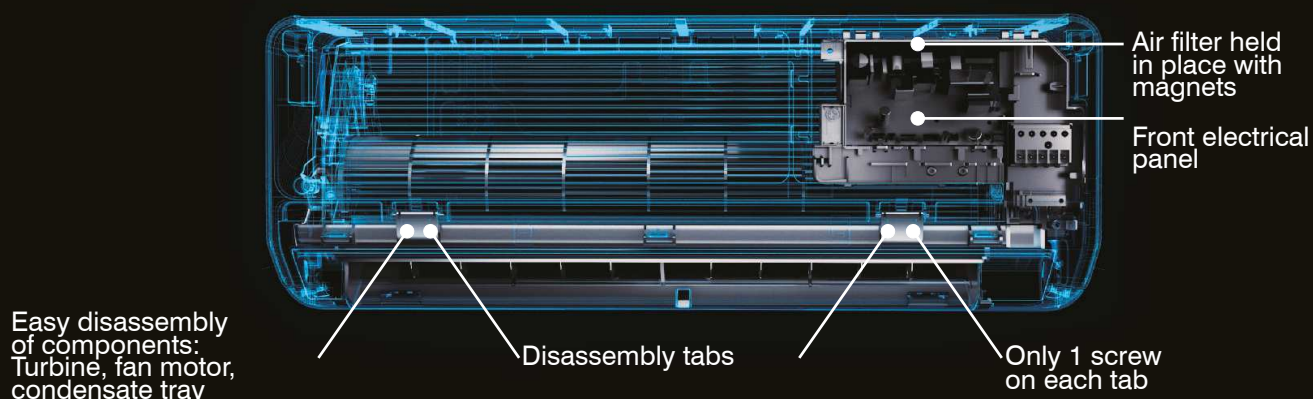
78.4% Air outlet
Equipment length

MORE EFFICIENCY

Thanks to the front position of the electrical panel, the air inlet and outlet space is increased, thus the H14X series provides a superior performance.

FRESH AIR (ION)


It incorporates an ionizer to generate OH(-) and thus purify the air by deactivating bacteria, viruses and other pathogens, providing a very pleasant feeling of freshness.


■ MINIMIZES THE MOST COMMON JOBS


**SERIE H14X
vs OTHERS**

41% Faster
installation

86% Faster
maintenance

76% Faster
PCB
replacement

■ PRESENCE SENSOR


After 30 minutes of no activity in the room, the unit automatically reduces the operating frequency to save energy.



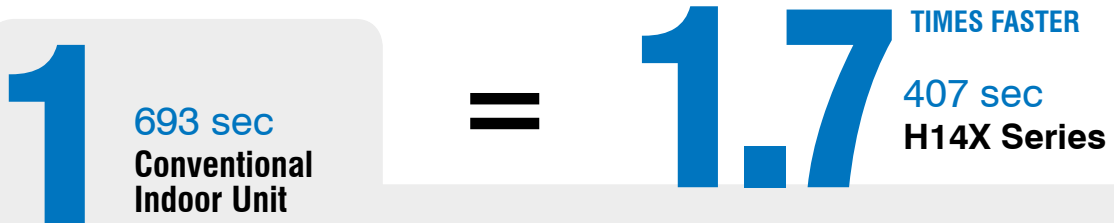
When activity is detected again in the room, the unit resumes the initial operation.

MUPR-H14X Series WALL SPLIT



■ IT FACILITATES ALL WORK

INDOOR UNIT INSTALLATION



Position adjustment



Difficult electrical connection

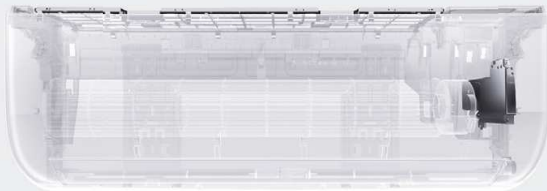


Small connection space



Large distance from the wall

PCB REPLACEMENT



Disassembly 1172sec | Assembly 1543sec



Disassembly 72sec | Assembly 1263sec

DISASSEMBLY OF THE FAN MOTOR



Open the front panel



Remove the two
screws



Remove the bottom
panel



Open the electrical panel
and disconnect the fan,
louvers and ionizer
motors



Open the rear tabs
and remove the entire
ventilation train, including
the condensate tray

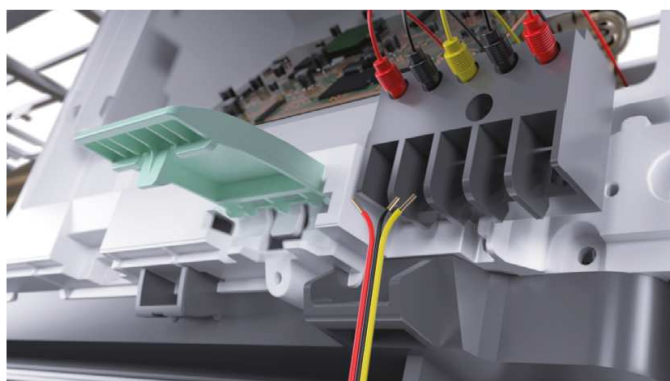
MUPR-H14X Series WALL SPLIT

MUND**CLIMA®**
SUPER DC INVERTER

■ EASY CONNECTION



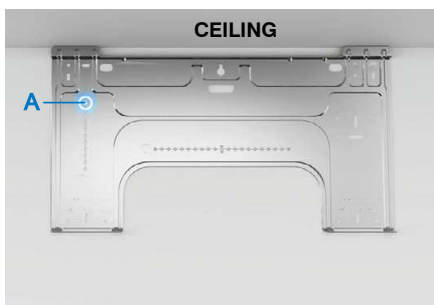
Wide **176 mm** space for the connection of the pipes



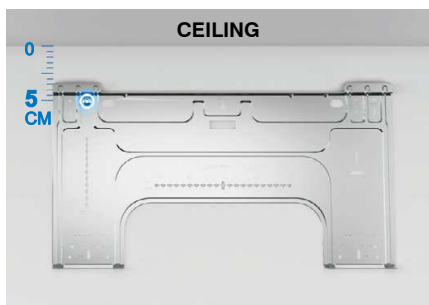
Easy-access front electrical panel, simply open the front panel. **Only 3 seconds**

■ EASY POSITIONING WITHOUT AUXILIARY TOOLS

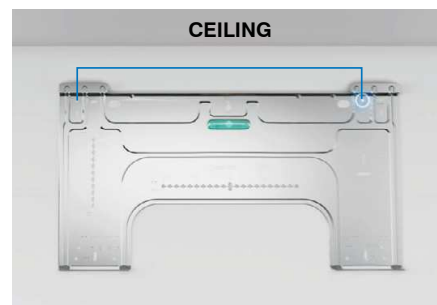
The mounting plate incorporates measuring range and spirit level. **Measure and mark the position of the equipment with only the mounting plate.**



1st STEP: Place the plate against the ceiling, mark point A according to the desired height



2nd STEP: Move the plate down until the fixation hole is on point A



3rd STEP: Locate the fixation point on the other side with the help of the spirit level

■ INSTALLATION FLEXIBILITY



Possibility to install at a distance of only **5 cm** from the ceiling

■ EASY TO CLEAN



It is not necessary to open the front panel to access the air filter. Thanks to 6 magnets in the filter, it can be disassembled and reassembled with a single smooth "click"

MUPR-H14X Series WALL SPLIT



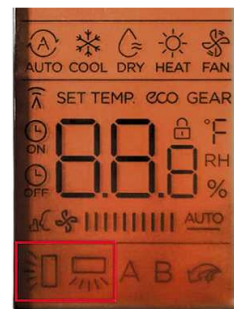
■ PREMIUM MULTIFUNCTION REMOTE CONTROL



LARGE BACKLIT DISPLAY

The RG10 remote control has a large display to show all the functions of the new equipment, for example:

- Fan speed adjustment from 1% to 100% in 1% increments.
- Functions: "Eye", "Breeze Away", "Sleep", "Follow me", "Clean", "Fresh", "Turbo", "LED", "Swing", "ECO", "Gear" and Timer.



MULTIPLE CONFIGURATIONS

It also allows the adjustment of different functions of the equipment.

Set the parameters as desired:

Function	Adjustment
Auto-restart function	Active/Inactive
Temperature Compensation	Adjust the value from 0 °C to 6 °C
Fan speed setting	Adjust fan speed as desired
Temperature range setting	Minimum cooling from 16 °C up to 24 °C; Maximum heating from 30 °C up to 25 °C

and much more!

SAVE TIME IN MAINTENANCE

Finally, the new remote control also allows you to check operating parameters.

Check the operating frequency or temperature of all sensors of the equipment easily through the indoor unit's display.

RG10L5(G2HS)/BGEF
(CL09110)



ENGINEERING MODE MANUAL

Download the engineering mode manual from this QR code and ... discover all the possibilities!

MUPR-H14X Series WALL SPLIT



TECHNICAL SPECIFICATIONS

Model			MUPR-09-H14X	MUPR-12-H14X	MUPR-18-H14X	MUPR-24-H14X
Code			CL20060	CL20061	CL20062	CL20063
EAN Code			8432953058319	8432953058326	8432953058333	8432953058340
Cooling	Nominal capacity (min. ~ max.)	kW	2.72 (1.32 ~ 3.81)	3.52 (1.32 ~ 3.96)	5.28 (1.99 ~ 6.13)	7.03 (2.11 ~ 8.21)
	Rated consumption (min. - max.)	kW	0.62 (0.13 - 1.20)	0.95 (0.13 - 1.25)	1.31 (0.16 - 1.78)	1.76 (0.42 - 3.20)
	Pdesignc (design load)	kW	2.7	3.5	5.3	7.0
	SEER	W/W	9.5	8.5	8.5	8.5
	Energy labeling		A+++	A+++	A+++	A+++
	Annual electricity consumption	kWh/year	99	144	220	288
Heating	Nominal capacity (min. ~ max.)	kW	3.13 (0.88 ~ 4.4)	3.96 (0.88 ~ 4.54)	5.57 (1.35 ~ 6.77)	7.33 (1.55 ~ 8.21)
	Rated consumption (min. - max.)	kW	0.68 (0.12 - 1.40)	0.99 (0.12 - 1.45)	1.50 (0.23 - 1.69)	1.97 (0.30 - 3.10)
	Average climate zone	Pdesignh (design load)	kW	2.5	4.3	5.0
		SCOP	W/W	4.6	4.6	4.2
		Energy labeling	A++	A++	A++	A+
	Warm climate zone	Annual electricity consumption	kWh/year	761	791	1400
		Tbiv (bivalent temperature)	°C	-7	-7	-7
		Pdesignh (design load)	kW	2.5	2.9	4.3
		SCOP	W/W	5.6	6.0	5.4
	Cold climate zone	Energy labeling	A+++	A+++	A+++	A+++
		Annual electricity consumption	kWh/year	625	677	1118
		Tbiv (bivalent temperature)	°C	2	2	2
		Pdesignh (design load)	kW	2.5	2.6	4.3
	Cold climate zone	SCOP	W/W	3.8	3.8	3.6
		Energy labeling	A	A	A	B
		Annual electricity consumption	kWh/year	1989	1989	3733
		Tbiv (bivalent temperature)	°C	-10	-10	-10
	Tol (Limited operating temperature)		°C	-15	-15	-15
Dehumidification	Capacity	L/day	24	28.8	43.2	62.4
Indoor unit	Model		MUPR-09-H14X-I	MUPR-12-H14X-I	MUPR-18-H14X-I	MUPR-24-H14X-I
	EAN Code		8432953058531	8432953058548	8432953058555	8432953058562
	Air flow rate (Turbo / High / Medium / Low)	m³/h	760 / 530 / 360 / 280	760 / 560 / 380 / 290	835 / 685 / 580 / 400	1540 / 1092 / 724 / 379
	Sound pressure (High / Medium / Low / Silence) ⁽¹⁾	dB (A)	40 / 32 / 21.5 / 20.5	41 / 36 / 22 / 21	41 / 35 / 23 / 22	44.5 / 40 / 33 / 21
	Sound power (High) ⁽¹⁾	dB (A)	55	55	59	64
	Dimensions (W x H x D)	mm	848 x 300 x 230	848 x 300 x 230	1017 x 319 x 242	1.190 x 371 x 280
	Weight	kg	10.2	10.2	12.3	20
Outdoor unit	Model		MUPR-09-H14X-E	MUPR-12-H14X-E	MUPR-18-H14X-E	MUPR-24-H14X-E
	EAN Code		8432953058425	8432953058432	8432953058449	8432953058456
	Air flow rate (max.)	m³/h	2150	2150	3500	3500
	Sound pressure (High) ⁽¹⁾	dB (A)	55	55	56	58.5
	Sound power (High) ⁽¹⁾	dB (A)	57	59	65	67
	Dimensions (W x H x D) ⁽²⁾	mm	765 x 555 x 303	765 x 555 x 303	890 x 673 x 342	890 x 673 x 342
	Weight	kg	26.4	26.4	38.8	45.6
Refrigerant	Type / GWP		R32 / 675			
	Load	kg	0.62	0.62	1.1	1.5
	CO ₂ equivalence	TCO ₂ eq	0.42	0.42	0.74	1.01
	Preload until	m	5	5	5	5
	Additional load (from 5 m)	g / m	12	12	12	24
Connection pipes	Liquid	inch	1/4"	1/4"	1/4"	3/8"
	Gas	inch	3/8"	3/8"	1/2"	5/8"
	Max. length	m	25	25	30	50
	Max. height difference	m	10	10	20	25
Electrical data ⁽³⁾	Power supply	V - Hz - Ph	220-240 ~ 50, 1N			
	Maximum consumption	kW	2.20	2.20	2.80	3.70
	Max. current	A	10.5	10.5	13	19
	Power cord (outdoor unit)	mm²	2 x 1.5 + T	2 x 1.5 + T	2 x 1.5 + T	2 x 2.5 + T
	Communication cable	mm²	4 x 1.5 + T	4 x 1.5 + T	4 x 1.5 + T	4 x 2.5 + T
	Temperature while operating	°C	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30
Temperature while operating	Indoor (Cooling / Heating)	°C	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30	16 ~ 32 / 0 ~ 30
	Outdoor (Cooling / Heating)	°C	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24	-15 ~ 50 / -15 ~ 24

Notes:

(1) The noise level values match the values obtained in a semi-anechoic chamber.

(2) The dimensions are for the unit body, not including protruding elements (valve covers, grids, handles, etc.), for detailed dimensions please refer to the installation manual.

(3) The electrical wiring sections indicated are recommended, but may be higher depending on each installation, these must be adapted to the electrical regulations in force.

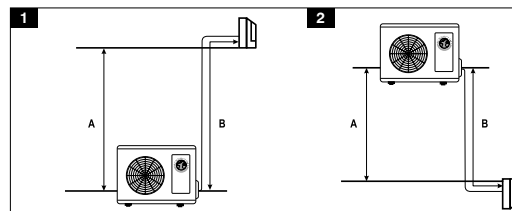
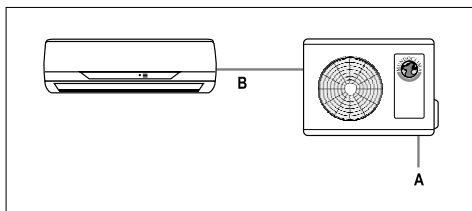
Warning: - Data and specifications can be changed without previous notice.

ELECTRICAL INSTALLATION

Model	Electrical wiring (A)	Interconnection wiring (B)
MUPR-09-H14X	2 x 1.5 + T	4 x 1.5 + T
MUPR-12-H14X	2 x 1.5 + T	4 x 1.5 + T
MUPR-18-H14X	2 x 1.5 + T	4 x 1.5 + T
MUPR-24-H14X	2 x 2.5 + T	4 x 2.5 + T

REFRIGERATING INSTALLATION (R-32)

Model	Pipe		Max. Length (B)	Max. slope (A)	Preload until (m)	Additional load (g/m)
	Liquid	Gas				
MUPR-09-H14X	1/4"	3/8"	25	10	5	12
MUPR-12-H14X	1/4"	3/8"	25	10	5	12
MUPR-18-H14X	1/4"	1/2"	30	20	5	12
MUPR-24-H14X	3/8"	5/8"	50	25	5	24



*In the 2nd case (higher outdoor unit), for height differences higher than 5 ~ 7 m it is recommended to install an oil trap in the gas pipe every 5 ~ 7 m.

MUPR-H14X Series WALL SPLIT

PERFORMANCE

MUNDCLIMA®
SUPER DC INVERTER

**R32**

This unit uses a more eco-friendly refrigerant: R32. In order to install equipment with R32 refrigerant gas, you must review the current legislation.

**WIFI**

Control your air conditioning equipment from anywhere.

**SUPER DC**

Equipment that has both, Inverter DC compressor and DC fan motors.

**REMINDER CLEANING FILTER**

The equipment tells us when to clean and / or replace the indoor unit's air filter.

**PIPE COMPATIBILITY**

Possibility of increasing a size over the standard diameter in the gas or liquid pipe or both.

**LOW VOLTAGE START**

The equipment can start and run normally up to a supply voltage of 75 V.

**DIGITAL DISPLAY LED**

Equipment with a digital display showing the setpoint temperature during normal operation or the ambient temperature in ventilation mode.

**ADJUSTMENT**

Function adjustment and operating parameters query using the control.

**FOLLOW ME FUNCTION (iFeel)**

The remote control also has a room temperature sensor.

**AUTOMATIC RESTART**

Recovery of the adjustments before the electrical cut.

**EMERGENCY OPERATION**

Possibility of unit operation with the manual button in case of activation of some alarms.

**COLD AIR PROTECTION**

In heating mode, the initial fan speed is adjusted in accordance with the battery temperature.

**TURBO OPERATION**

Maximum cooling/heating time reduction.

**LOW SOUND LEVEL**

Thanks to the Silence mode and its new design, the sound level is reduced to the minimum.

**TEMPERATURE COMPENSATION**

The remote control allows you to set the compensation temperature for heating and cooling mode.

**DIFFERENT SPEEDS OF THE EXTERNAL FAN**

Accurate adjustment of fan speed thanks to DC fan.

**FEWER SCREWS**

Not only the indoor unit, but also the outdoor unit uses less screws, so the disassembly is going to be easier.

**HUMIDITY CONTROL**

In dehumidification mode, the relative humidity control can be set between 35% and 85%.

**PRESENCE SENSOR**

Detects inactivity (30 min) in the room to reduce the operation frequency and thus save energy.

**COOLING IN LOW TEMPERATURES**

Cooling operation up to -15 °C outdoor.

**STANDBY FUNCTION (ONLY 1 W IN STANDBY)**

The outdoor unit is automatically disconnected from the supply when the unit is in standby, in that way the consumption in standby modus is only 1W.

**REFRIGERANT LEAK DETECTION**

The unit automatically detects possible refrigerant leaks in the circuit.

**SETPOINT TEMPERATURE RANGE ADJUSTMENT**

The remote control is able to adjust: Minimum cooling from 16 °C up to 24 °C; Maximum heating from 30 °C up to 25 °C.

**DIFFERENT SPEEDS OF THE EXTERNAL FAN**

Possibility to adjust fan speed from 1% to 100% in 1% increments.

**U-FORM SUPPORTS**

The installation is easier thanks to the new outdoor unit back supports.

**QUIETER OUTDOOR UNIT**

Optimized design of air outlet grille with noise reduction.

**WIDE OPERATION RANGE**

Cooling operation until 50 °C and in heating until -15 °C.

**NIGHT MODE**

It causes the unit to operate according to the preset nighttime temperature curve, which creates an ideal nighttime environment and improves sleep quality.

**DAILY TIMER**

The timer can be set to start and stop at any point in a 24-hour period.

**TROUBLESHOOTING**

Error codes are showed in the indoor panel, wall control and outdoor PCB.

**REMOTE SIGNS (CP)**

Built-in ON/OFF port

**CENTRALIZED CONTROLL**

Possibility of controlling several units with the same central control.

**CORE GENIUS**

The frequency of traditional Inverter equipment has a fluctuation of ± 1 °C of the ambient temperature during operation. However, with the new "CORE GENIUS" Inverter technology that adjusts 0.6 Hz for each step, the frequency variation of the Inverter is so smooth that the ± 0.5 °C fluctuation of the ambient temperature is not noticeable.

**SELF-CLEANING**

This function performs a self cleaning on the indoor unit. When the SELF-CLEANING function (active cleaning function) is activated, the unit initially operates in cooling mode with the fan at a low speed, during this period the condensation water carries away the dust from the battery. The unit then switches to heating mode with the fan at low speed, to dry the battery and the inside of the unit. Finally the unit switches to ventilation mode to finish drying completely.

**SILENCE**

This function allows you to select the ultra-quiet speed, so the sound level of the equipment is very low.

**HORIZONTAL AND VERTICAL LOUVER OSCILLATION**

Better air distribution thanks to the automatic louver swing, horizontal and vertical.

**GOLDEN FIN**

Gold-plated heat exchanger, which protects the equipment against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mold.

**ENERGY LABELLING FOR COOLING A+++****ENERGY LABELLING FOR HEATING A++**

For models 9, 12 and 18.

**FRESH AIR (ION)**

This equipment incorporates an ionizer to generate OH(-) and thus purify the air by deactivating bacteria, viruses and other pathogens, providing a very pleasant feeling of freshness.

**MOUNTING PLATE**

Reinforced mounting plate with measuring range and spirit level included.

**BREEZE AWAY**

Function that allows diverting the air flow to another location to prevent the equipment from blowing directly on people.

**GEAR**

It allows the equipment capacity to be set to 50%, 75% or 100% (default).

**COLD CATALYST FILTER**

This equipment incorporates a purifying filter that can absorb formaldehyde without the need for ultra-violet light.

**SPRINT START**

Like a sprint runner, this function allows the compressor to reach 65 Hz in just 6 s.

**REVERSE ROTATION**

When the equipment is stopped, the outdoor unit fan rotates backwards to remove leaves or other external elements from the battery.