

IMPORTANT

As with any product that has moving parts or is subject to wear and tear, it is **VERY IMPORTANT** that you maintain your air conditioner and have it regularly serviced. Accordingly, it is a condition of warranty cover for your air conditioner that you comply with all of the maintenance and service requirements set out in this Manual. Compliance with these requirements will prolong the life of your air conditioner. Further, it is also a condition of warranty cover that the Maintenance Schedule in the Manual is filled out (by signing and dating it in the places indicated) when the item is completed. **ANY FAILURE TO CARRY OUT THE REQUIRED MAINTENANCE AND SERVICING, AND ANY FAILURE TO FILL OUT THE MAINTENANCE SCHEDULE, WILL VERY LIKELY VOID YOUR WARRANTY.**

(For complete warranty terms, refer to the separate Warranty Booklet sold with the product. Alternatively, visit www.braemar.net.au to download the terms. Warranty terms are subject to property access and industry safety standards.)

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INTRODUCTION & SAFETY

Congratulations on purchasing a new Braemar Air Conditioner!

Please keep this Manual and the Warranty Booklet in a safe place, along with the original purchase documents, plus all relevant certificates of compliance relating to the installation work performed. Please register the Warranty straight away, by following the steps set out in the Warranty Booklet.

The installer must read the Installation Manual before installing the Braemar Air Conditioning Unit.

The home owner/user should read the Owner's Manual before operating the Unit.

To ensure the warranty on the Unit is continued and valid, the Unit must be checked and serviced by the home owner/user as per the requirements in the Maintenance & Service section and the Maintenance Schedule. This will also prolong the life of your air conditioner.

The home owner/user should regularly check the Air Inlet side of the Outdoor unit to ensure grass, leaf and other matter are not drawn into or onto the Inlet side of the Outdoor unit. Restriction to the air flow across the coil will reduce the system's capacity, and result in high operation pressures and excessive operating costs.

A return air filter **MUST** be installed by the installer at the return air grille. The air filter should be inspected and cleaned at least every two weeks

when the Braemar Air Conditioning Unit is used. Note: the manufacturer recommends that low level return air grilles are installed.

IMPORTANT!

THE AUSTRALIAN GREENHOUSE OFFICE HAS ISSUED VARIOUS REGULATIONS ON THE USE AND DISPOSAL OF REFRIGERANTS IN THE UNIT. FAILURE TO FOLLOW THESE REGULATIONS MAY HARM THE ENVIRONMENT AND COULD LEAD TO THE IMPOSITION OF SUBSTANTIAL FINES.

WHERE SPECIFIED, ONLY QUALIFIED AND LICENSED TECHNICIANS SHOULD PERFORM WORK ON THIS UNIT, FAILING WHICH THE WARRANTY ON THE UNIT WILL BE VOID.

WARNING! This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

OPERATION

Your Braemar Air Conditioner has been designed and built with reliable, quality components. To ensure many years of trouble free, dependable service please read the following pages very carefully, and please ensure that you follow all of the instructions.

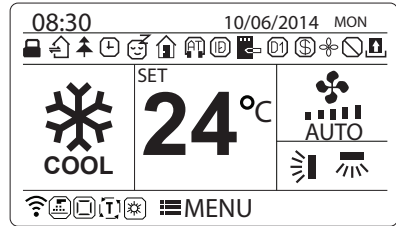
WIRED CONTROLLER

Please follow the below cautionary notes when using the wired controller:-

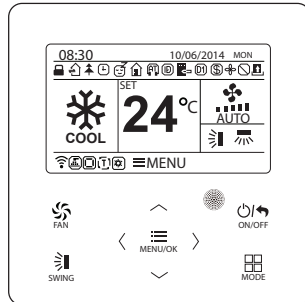
1. Do not install the wired controller in a damp place or under direct sunlight.
2. Do not abuse, toss, or frequently assemble/disassemble the wired controller.
3. Do not operate the wired controller with wet hands and never let any liquid flow into it.
4. Do not install or remove the wired controller by yourself. If necessary, please contact a service agent.
5. This wired controller is applicable to various kinds of air conditioners - some specific functions unavailable to the duct type air conditioners will be covered in this manual.
6. Before operating the air conditioner, please read this manual carefully and keep it in a safe place for future reference.

CONTROLLER LAYOUT

Appearance and LCD Icons































Wired Controller appearance



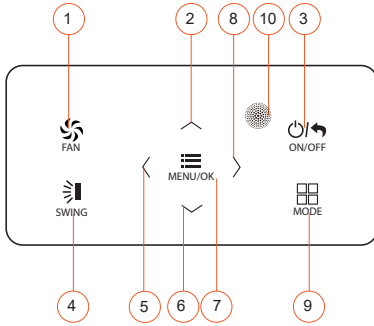
OPERATION cont.

LCD ICONS

Display	Definition	Display	Definition
	Fresh air Function		Fan Speed
	Health Function		Cooling Mode
	Time On Status		Filter Reminder
	Sleep Function		Lock Setting
	Holiday Function	08:30	Clock
	Quiet Function		Dry Mode
	I-Demand Function		Fan Mode
	Memory Function		Heating Mode
	DRED Function		Auto Mode
	Save Function		WiFi Function
	Dry Function		Independent Swing
	Shielding Function		Setback Function
	Gate Card		Auxiliary Heating
	Left and right swing function		
	Up and down swing function		
	Menu		

OPERATION cont.

BUTTON FUNCTION

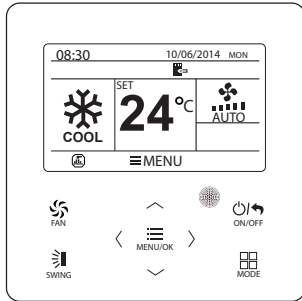
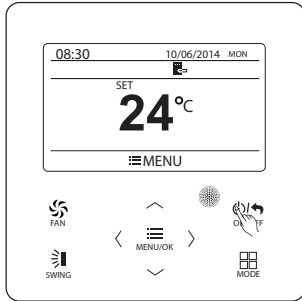


No	Button Name	Button Function
1	Fan	Set low, medium, high, turbo, auto
2	∧	(1) Set Temperature (2) Set parameter (3) Move option cursor
6	∨	
3	On/Off/Back	(1) Turn on or turn off unit (2) Return to last page
4	Swing	Set up & down swing and set left and right swing
5	<	(1) Set related function on or off (2) Move option cursor
8	>	(3) Set parameter
7	MENU/OK	(1) Enter menu page (2) Confirm setting
9	MODE	Set auto, cooling, dry, fan and heating modes for indoor unit.
10	Remote Receiver	For use with the wireless wall controller (optional)

OPERATION cont.

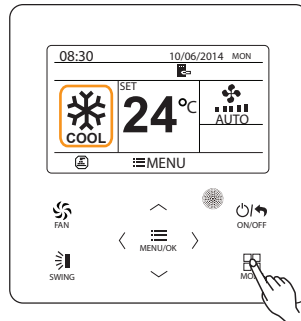
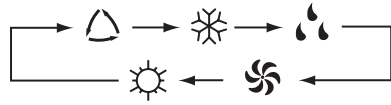
ON / OFF

Press the On/Off button to turn the unit on or off.



MODE SETTING

Under the ON state of the unit, press the Mode button to switch the operation modes as the sequence shown below.



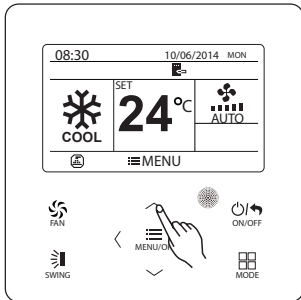
OPERATION cont.

TEMPERATURE SETTING

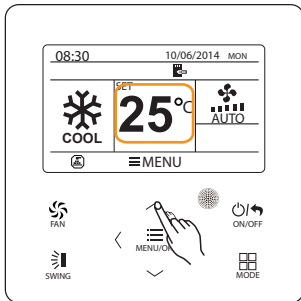
Press \wedge or \vee button to increase or decrease setting temperature when the unit is on. Pressing either of them continuously, will increase or decrease by 1°C every 0.3s.

In Cooling, Dry, Fan and Heating mode, temperature setting range is 16°C - 30°C.

In Auto mode, the setting temperature is not adjustable.



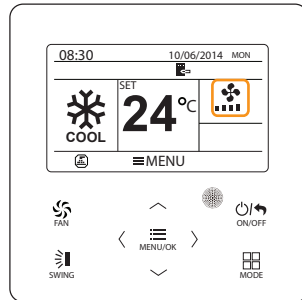
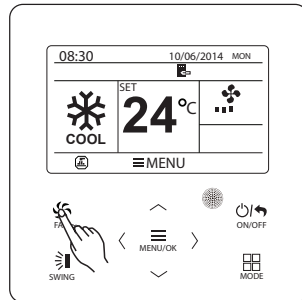
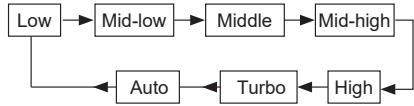
Press \wedge or \vee button to increase or decrease the temperature when the unit is on.



Pressing \wedge or \vee continuously, temperature will be increased or decreased by 1°C every 0.5s.

FAN SPEED SETTING

Press the Fan button to vary the speeds as shown in the sequence below.

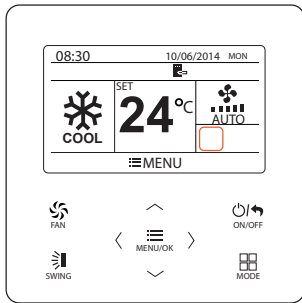


OPERATION cont.

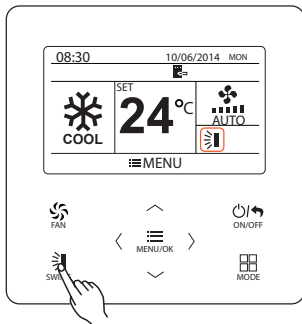
UP / DOWN SWING SETTING

Under the ON state of the unit, press the SWING button to select the “Up and Down Swing” function option.

When the SWING function is activated, press the Menu/OK button to select the “Up and Down Swing” function.



Unit On, no Up and Down swing.



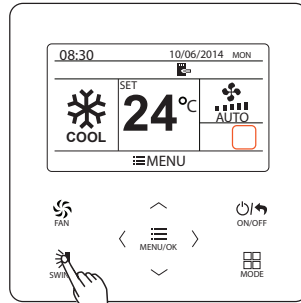
Press “SWING” button to set up-down swing function.

Press the Menu/OK button to confirm.

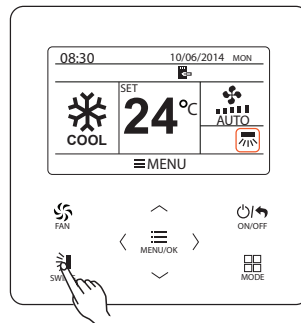
LEFT / RIGHT SWING SETTING

Under the ON state of the unit, press the SWING button to select the “Left and Right Swing” function option.

When the SWING function is activated, press the Function button to select the “Left and Right Swing” function.



Unit On, no right-left swing



Press “SWING” button twice to set up-down swing function.

Press the Menu/OK button to confirm.

OPERATION cont.

FUNCTION SETTING

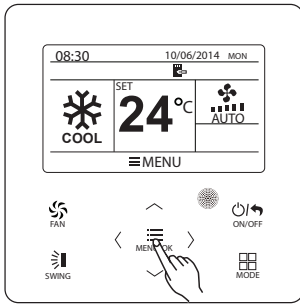
Press MENU/OK button on main page to enter main menu page. Press \wedge or \vee or \lt or \gt button to select the function setting symbol.

Then press MENU/OK button to enter user function setting page. Press \wedge or \vee button to select specific function item.

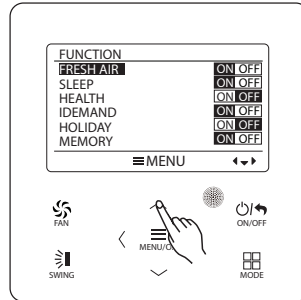
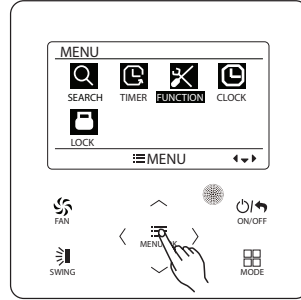
Press \lt or \gt button to turn on or turn off this function. If the function item can't be set, it will be shaded with gray.

FUNCTION SETTING cont.

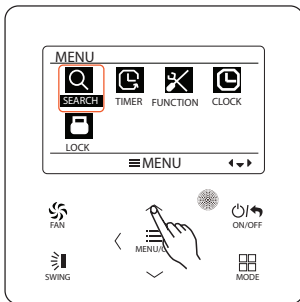
Press MENU/OK button to enter user function setting page.



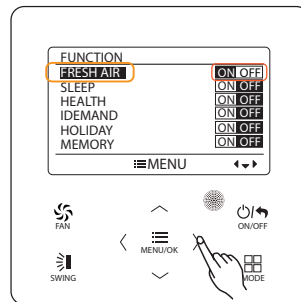
Press MENU/OK button on main page to enter main menu page.



Press \wedge or \vee button to select specific function item.



Press \wedge or \vee or \lt or \gt button to select the function setting symbol.



Press \lt or \gt button to select specific function item.

OPERATION cont.

FRESH AIR FUNCTION

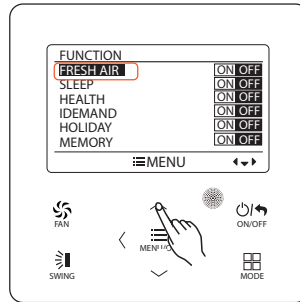
This is used to adjust the fresh air volume indoors to improve air quality.

Note:

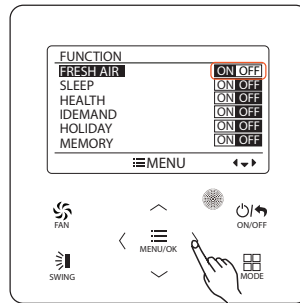
1. Air function is applicable only to units with air function and installed with fresh air electric valve (fresh air valve in short).

- 1—The unit continuously runs for 60min, and fresh air valve runs for 6 min.
- 2—The unit continuously runs for 60min, and fresh air valve runs for 12 min.
- 3—The unit continuously runs for 60min, and fresh air valve runs for 18 min.
- 4—The unit continuously runs for 60min, and fresh air valve runs for 24 min.
- 5—The unit continuously runs for 60min, and fresh air valve runs for 30 min.
- 6—The unit continuously runs for 60min, and fresh air valve runs for 36 min.
- 7—The unit continuously runs for 60min, and fresh air valve runs for 42 min.
- 8—The unit continuously runs for 60min, and fresh air valve runs for 48 min.
- 9—The unit continuously runs for 60min, and fresh air valve runs for 54 min.
- 10—The unit continuously runs for 60min, and fresh air valve always runs.

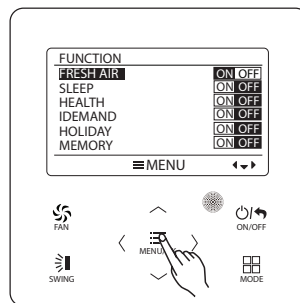
FRESH AIR FUNCTION cont.



Press \wedge or \vee button to select fresh air function.



Press \langle or \rangle button to turn on or turn off air function.



Press MENU/OK button to adjust the mode of fresh air.

OPERATION cont.

SLEEP FUNCTION

The indoor unit enters a sleep state and operates according to a preset sleep temperature curve to create a comfortable sleeping environment and improve sleep quality.

When in COOL, HEAT or DRY modes, press the SLEEP button to start up the sleep function.

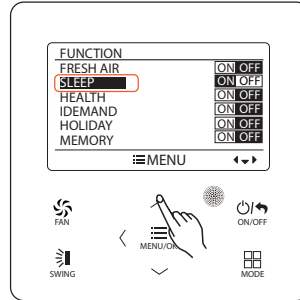
The icon SLEEP icon is displayed on the remote controller. Default setting is SLEEP mode 'OFF'.

In COOL and DRY modes, after running for one hour, the main unit SET temperature will increase by 1°C, then after 2 hours will increase by 2°C, then will continue to run at this temperature.

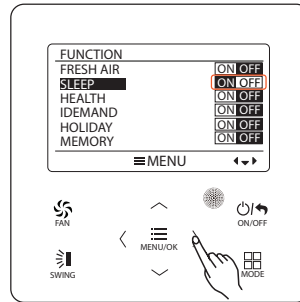
NOTE:

- In fan or auto mode, sleep function is not available.
- Sleep function will be canceled when turning off the unit or switching modes.

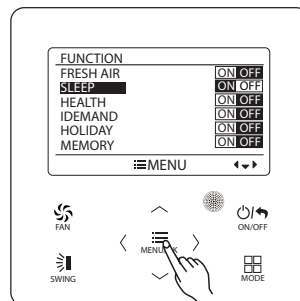
SLEEP FUNCTION cont.



When in function page press \wedge or \vee button to select sleep function.



Sleep function and press \leftarrow or \rightarrow button to turn on or turn off sleep function.



Press the MENU/OK button to confirm.

OPERATION cont.

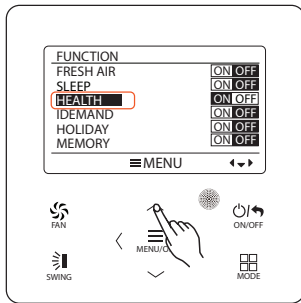
HEALTH FUNCTION

Generate negative ions to ensure the health. During operation of indoor fan, set health function by wired wall controller.

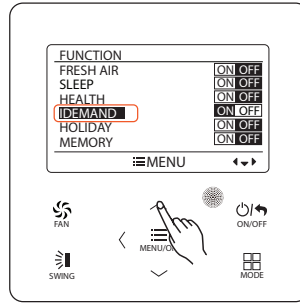
Note: Function is optional.

I-DEMAND FUNCTION

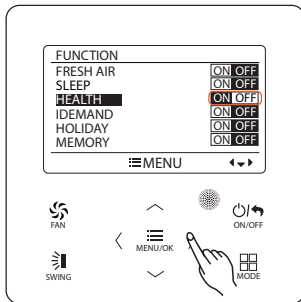
When the unit is first turned on in COOL or HEAT modes, set I-Demand to quickly reach the SET temperature. Icon will be shown. I-Demand mode is cancelled if MODE or FAN speed is changed.



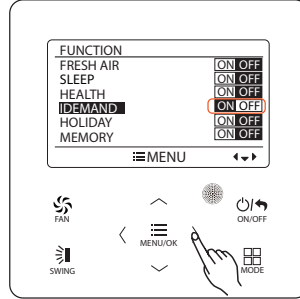
Press \wedge or \vee button to select health function.



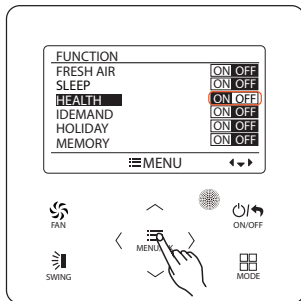
Press \wedge or \vee button to select I-DEMAND function.



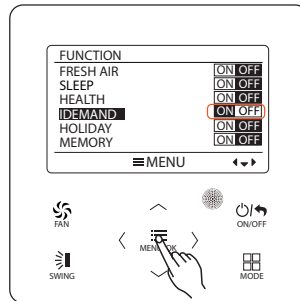
Press \langle or \rangle button to turn on or turn off health function.



Press \langle or \rangle button to turn on or turn off this function.



Press the MENU/OK button to confirm.



Press the MENU/OK button to confirm.

OPERATION cont.

HOLIDAY FUNCTION

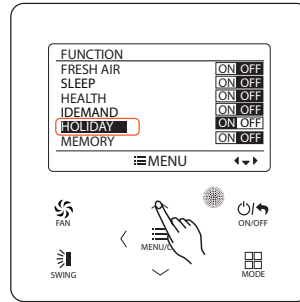
This is used to maintain indoor temperature so that unit can quickly heat upon startup. Holiday function can be enabled only in Heat mode.

If wired controller is connected to temperature-humidity dual-control duct type indoor unit, Holiday function cannot be used.

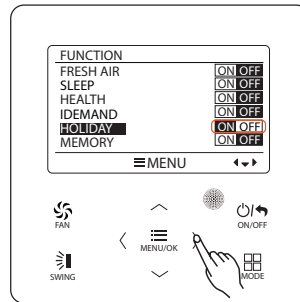
NOTE:

- This function is only available in heating mode.
- When this function has been set, set temperature is displayed in 8°C. In this case, temperature setting and fan speed setting are shielded.
- This function will be canceled when switching modes.
- This function and sleep function cannot be on simultaneously. If holiday function is set first and then sleep function is set, holiday function will be canceled while sleep function will be valid, and vice versa.

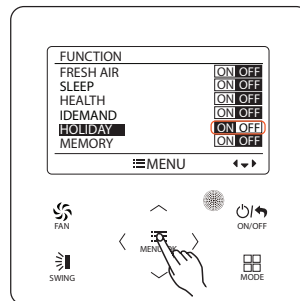
HOLIDAY FUNCTION cont.



Press \wedge or \vee button to select holiday function.



Press \langle or \rangle button to turn on or turn off this function.



Press the MENU/OK button to confirm.

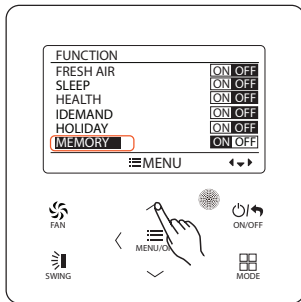
OPERATION cont.

MEMORY FUNCTION

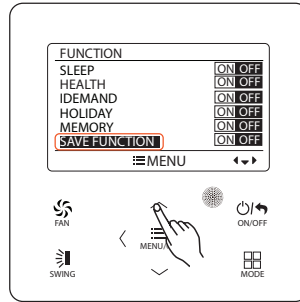
After power recovery, the unit will be turned on automatically according to memory content. Mode, up & down swing, light, set temperature, set fan speed, general timer.

SAVE FUNCTION

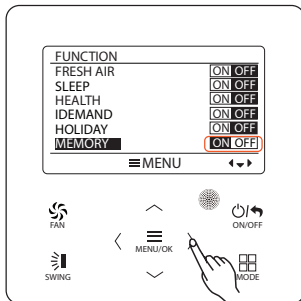
Air conditioner operates within a smaller temperature range to conserve energy.



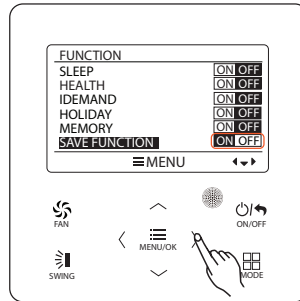
Press \wedge or \vee button to select memory function.



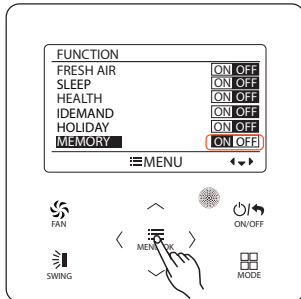
Press \wedge or \vee button to select save function.



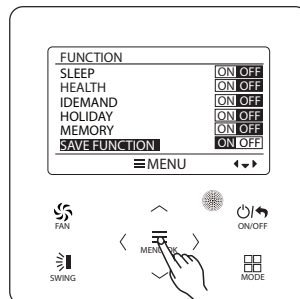
Press \lt or \gt button to turn on or turn off memory function.



Press \lt or \gt button to turn on or turn off save function.



Press the MENU/OK button to confirm.

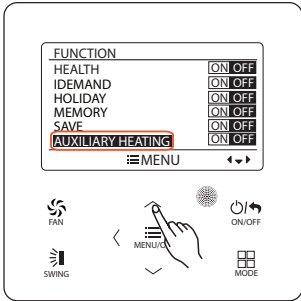


Press the MENU/OK button to confirm.

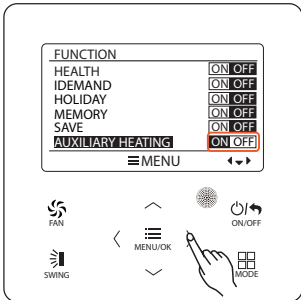
OPERATION cont.

AUXILIARY HEATING

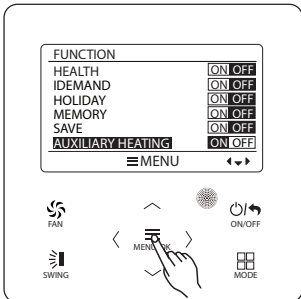
In the heating mode, auxiliary heat function is started up to improve the heating efficiency. Note: Function may not be applicable to unit.



Press \wedge or \vee button to select auxiliary heating function.



press \langle or \rangle button to turn on or turn off this function.



Press the MENU/OK button to confirm.

OPERATION cont.

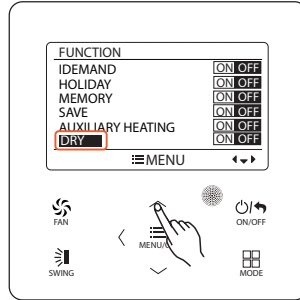
DRY FUNCTION

The dry function can be used in COOL or DRY modes, to continue operation of the indoor fan for an additional 2 minutes after the power is turned off (so as to remove excess moisture from the indoor coil).

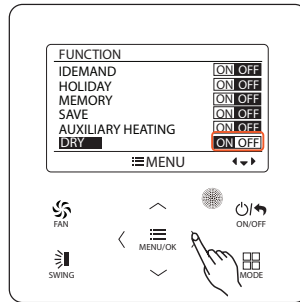
NOTE:

- This function is only available in cooling mode and dry mode.
- When this function is on, if the air conditioner is turned off, the indoor fan will still operate at low speed for a while after turning off.

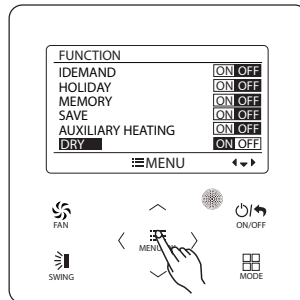
DRY FUNCTION cont.



Press \wedge or \vee button to select dry function.



Press $\langle \rangle$ button to turn on or turn off this function.



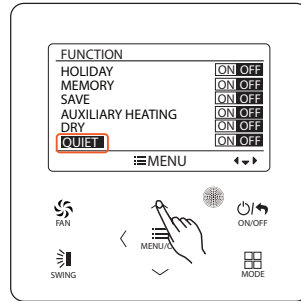
Press the MENU/OK button to confirm.

OPERATION cont.

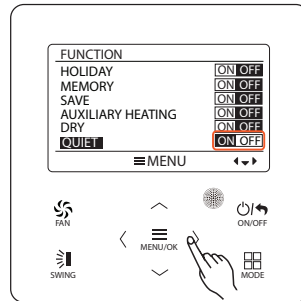
QUIET FUNCTION

QUIET function can be employed to use lower fan speeds to attain the SET temperature when in AUTO, COOL and HEAT modes. The QUIET icon will be displayed.

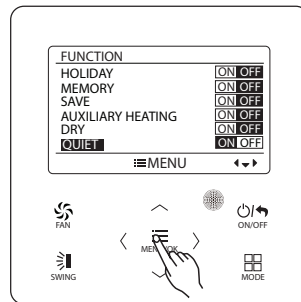
QUIET FUNCTION cont.



Press \wedge or \vee button to select quiet function.



Press \langle or \rangle button to turn on or turn off this function.



Press the MENU/OK button to confirm.

OPERATION cont.

FILTER CLEAN REMINDER

This function is used to remind you to clean the filter when the unit's own operating time is reach your setting.

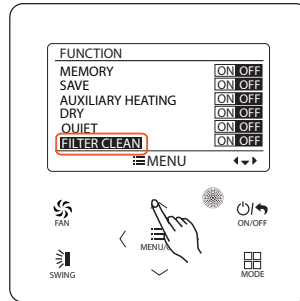
Whenever you turn off this function, the unit's operating time will be zero.

Level 1 - The range of accumulating operating time is 5500~10000 hours, with 500 hours in each increase or decrease.

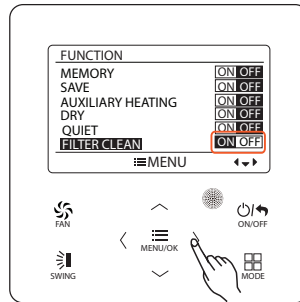
Level 2 - The range of accumulating operating time is 1400~5000 hours, with 400 hours in each increase or decrease.

Level 3 - The range of accumulating operating time is 100~1000 hours, with 100 hours in each increase or decrease.

FILTER CLEAN REMINDER cont.



After entering user function page, press \wedge or \vee button to select filter clean function option.



Press \lt or \gt button to turn on or turn off this function.

Press MENU button to enter the setting page of filter clean reminder function.



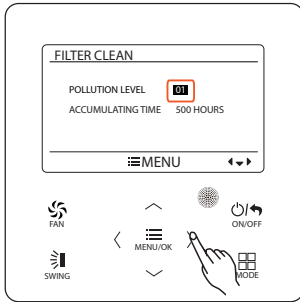
Press \wedge or \vee buttons to select pollution level.



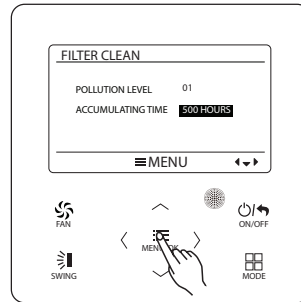
OPERATION cont.

FILTER CLEAN REMINDER cont.

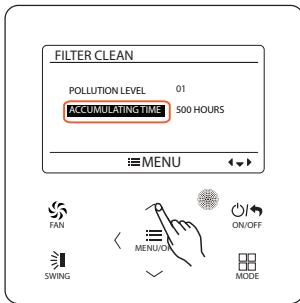
FILTER CLEAN REMINDER cont.



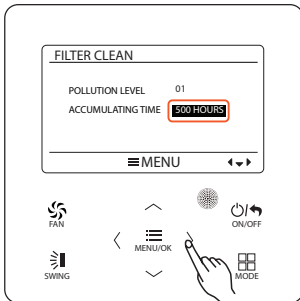
Press < or > button to set pollution level.



After setting, press MENU button to save the setting.



Press ^ or v button to select accumulating time setting.



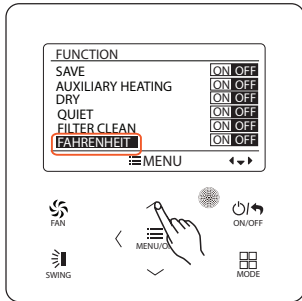
Press < or > button to set required time.



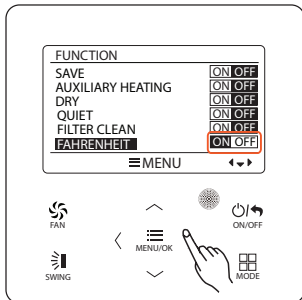
OPERATION cont.

FAHRENHEIT SETTING

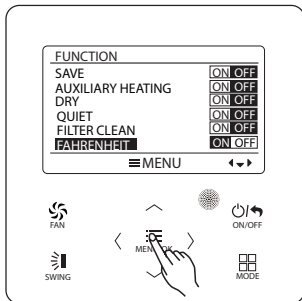
The temperature display can be toggled between Centigrade and Fahrenheit scales.



Press \wedge or \vee button to select Fahrenheit temperature function.



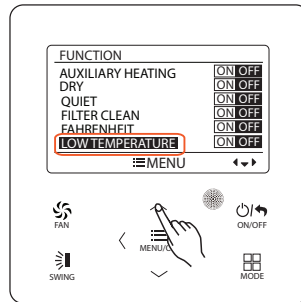
Press \lt or \gt button to turn on or turn off this function.



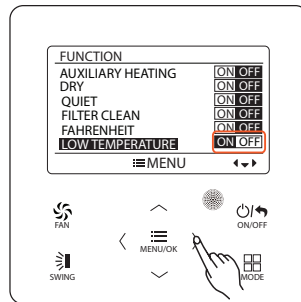
Press the MENU/OK button to confirm.

LOW TEMPERATURE DRYING

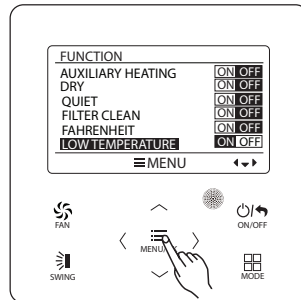
This function is only available in dry mode. When low-temperature drying function is on, the displayed set temperature in dry mode is 12 °C (54 °F). This function will be off automatically after readjusting set temperature.



Press \wedge or \vee button to select low-temperature drying function.



Press \lt or \gt button to turn on or turn off this function.



Press the MENU/OK button to confirm.

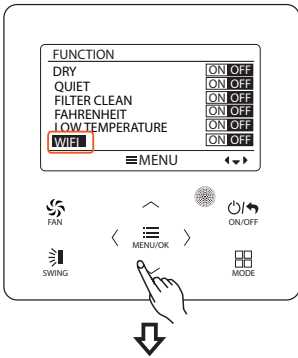
OPERATION cont.

WiFi FUNCTION SETTING

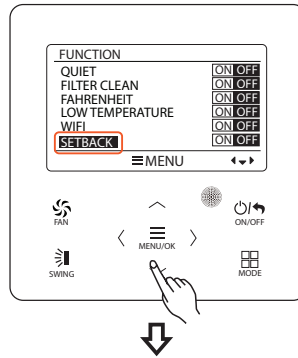
Reset the WiFi function from the wired controller.

SETBACK FUNCTION SETTING

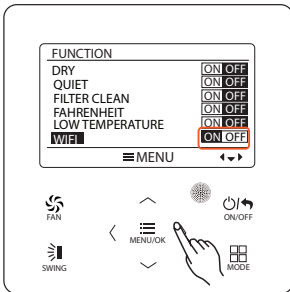
After shutdown, the unit will run to ensure that the indoor ambient temperature is within the set temperature range.



Press \wedge or \vee button to select WiFi function.

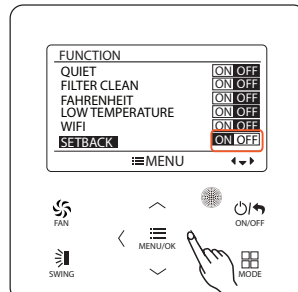


Press \wedge or \vee button to select Setback function.



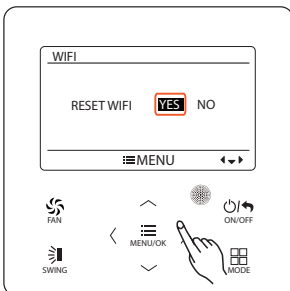
Press \langle or \rangle button to turn on or turn off this function.

Press MENU/OK button to enter WiFi reset page.



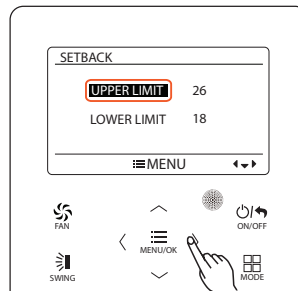
Press \langle or \rangle button to turn on or turn off this function.

Press MENU/OK button to enter setback page.



When in WiFi reset page press \langle or \rangle button to select reset.

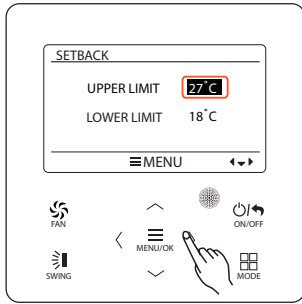
Press MENU/OK button to confirm it.



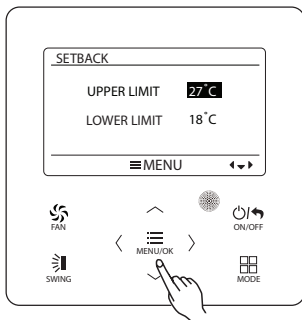
Press \langle or \rangle button to select upper or lower limit temperature.

OPERATION cont.

SETBACK FUNCTION



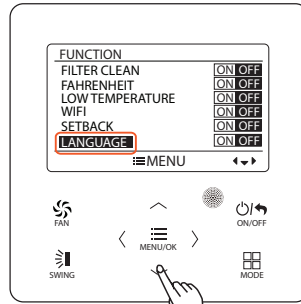
Press < or > button to adjust the limit temperature value.



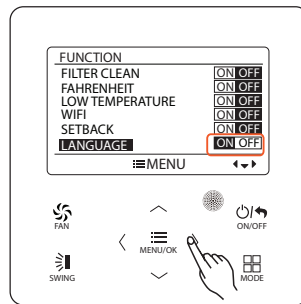
Press the MENU/OK button to confirm.

LANGUAGE FUNCTION

Select the preferred language.

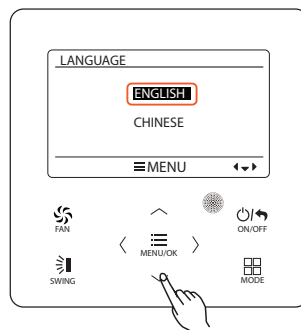


Press ^ or v button to select the language function.



Press < or > button to turn on or turn off this function.

Press MENU/OK button to enter language page.



Press ^ or v button to select the language.

Press the MENU/OK button to confirm

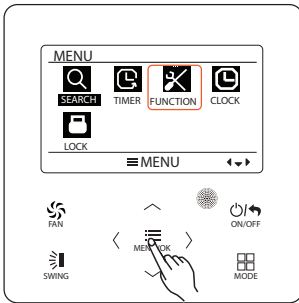
OPERATION cont.

UNIT STATUS VIEW

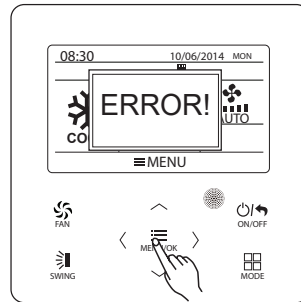
View information about the unit status. Defrost, Auxiliary Heat, Cleaning, Indoor temperature, Outdoor temperature.

CURRENT ERROR VIEW

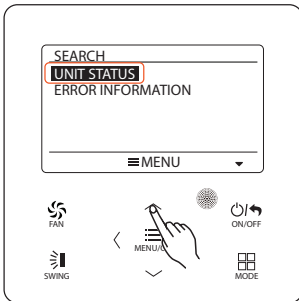
When error occurs in the unit, error symbol will be displayed on the main page of wired controller to indicate that the unit has an error. In this case, you can enter error view page to view the current error.



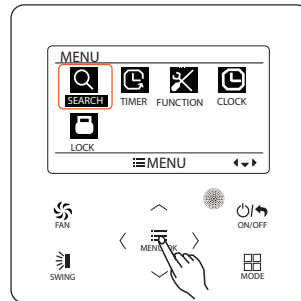
Press MENU button to enter the menu and select the function symbol.



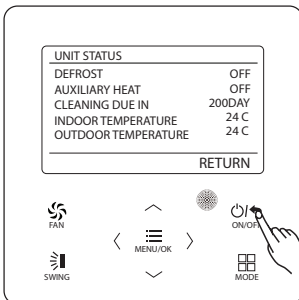
Press MENU button to enter the menu.



Press ^ or v button to select unit status.



Select the function symbol. Then press MENU button to enter view function page.

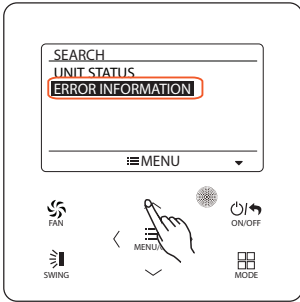


Press MENU button to enter unit status view page.

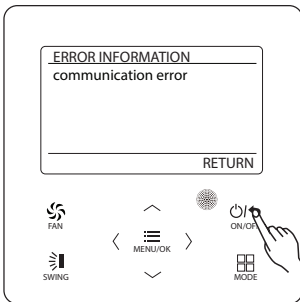
Press BACK button to return to the last page.

OPERATION cont.

CURRENT ERROR VIEW cont.



Press \wedge or \vee button to select error information.



Press MENU button to enter error view page.

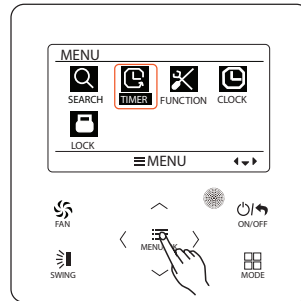
If there are many errors, press \langle or \rangle to turn pages.

Press BACK button to return to the last page.

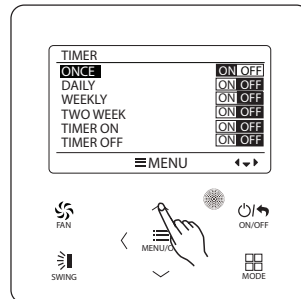
TIMER FUNCTION

The wired controller is capable of setting 5 types of timers.

1. One time clock timer
2. Daily timer
3. Weekly timer
4. Two week timer
5. Count down timer



Select the TIMER symbol then press MENU/OK button to enter.

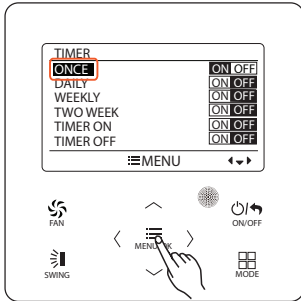


Press \wedge or \vee button to select ONCE timer.

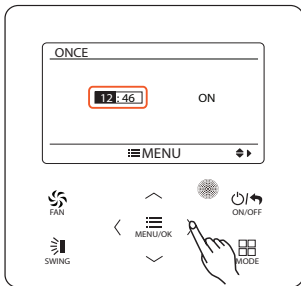
OPERATION cont.

ONE TIME CLOCK TIMER

The wired controller can set one time clock timer. The timer can be set while the unit is OFF or ON.



Press the MENU button to enter the timer time setting page.



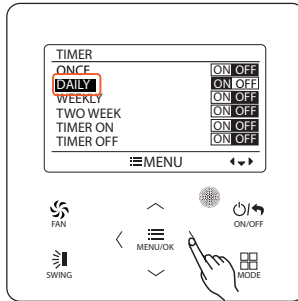
Press the < or > button to select timer hour or minute.

Press ^ or v button increases or decreases the time interval rapidly.

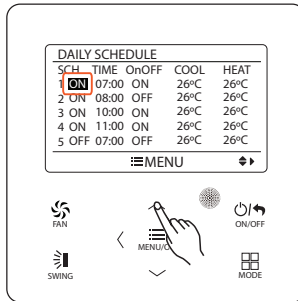
Press MENU to confirm.

DAILY TIMER

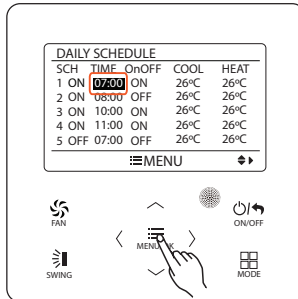
In daily timer function, the timer can be set into 8 segments. In each segment you can set the time when the unit turns ON/OFF and temperature for COOLING/HEATING.



After entering the daily timer setting page press < or > button to activate function.



Press ^ or v button to adjust the value.

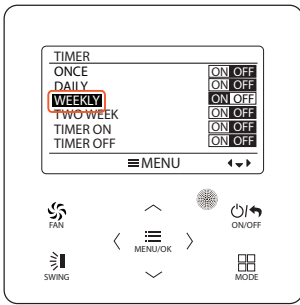


Press the MENU/OK button to confirm.

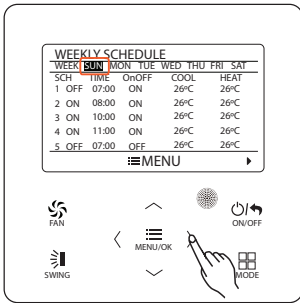
OPERATION cont.

WEEKLY TIMER

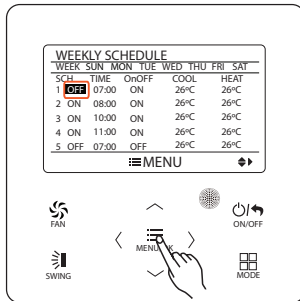
The user can set the everyday timer content for a week. In each day, 8 segments can be set for the timer. The unit will execute corresponding timer settings in a week.



After entering the weekly timer setting page.

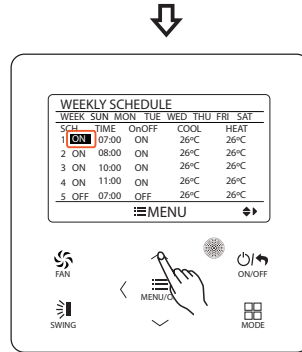


Press < > button to select the day to be set.

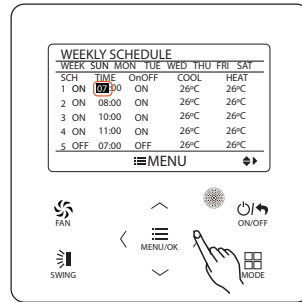


Press the MENU button to enter timer programming of that day.

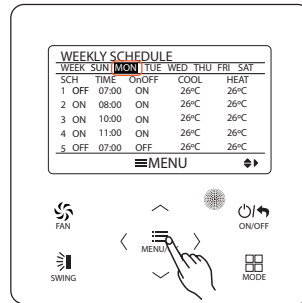
WEEKLY TIMER cont.



Press the \wedge or \vee button to adjust the content.



Press < > button to select the item to be set.

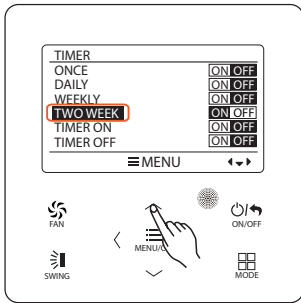


After finishing, press MENU button to save timer setting. The menu will return back to day selection.

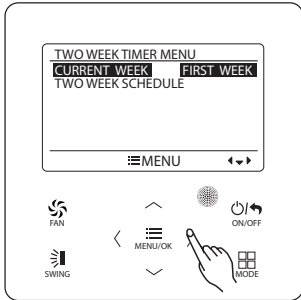
OPERATION cont.

TWO WEEK TIMER

The user can set the everyday timer content for two weeks, in each day the 8 segments can be set for each timer. The unit will execute the timer setting for two weeks.



After entering the two week timer menu page press \wedge or \vee button to select the two week option timer programming.



Press the $<$ or $>$ button to select the day to be set. Press $<$ or $>$ button to adjust the content.

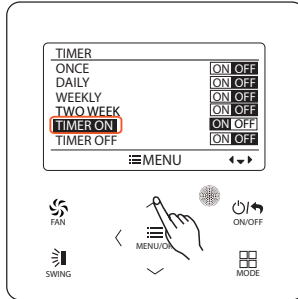
Press MENU button to enter timer programming of that day.

COUNT DOWN TIMER

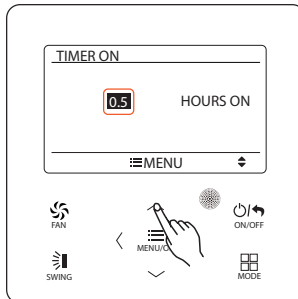
Count down timer includes timer OFF/ON function. The count down timer allows for the unit to be turned OFF or On after a desired amount of time. The timer OFF and TIMER ON function can be set simultaneously.

NOTE:

If timer function is on, the set hours will decrease as the unit operation time increases. In this case the, residual hours can be viewed after entering timer setting page.



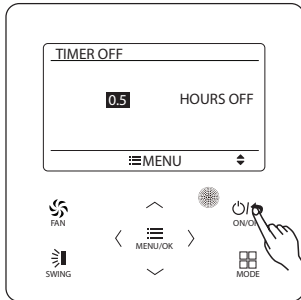
After entering the timer ON setting page, press \wedge or \vee button to increase or decrease timer by 0.5 hours. Press menu button to confirm setting.



After entering timer off setting page, press \wedge or \vee button to increase or decrease the timer by 0.5 hours.

OPERATION cont.

COUNT DOWN TIMER cont.

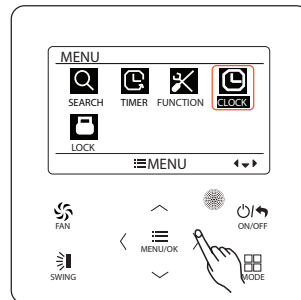
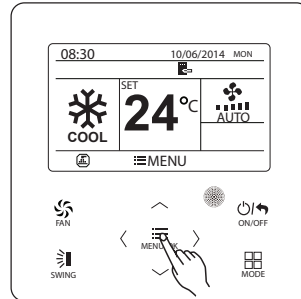


Press BACK button to return to the last page.

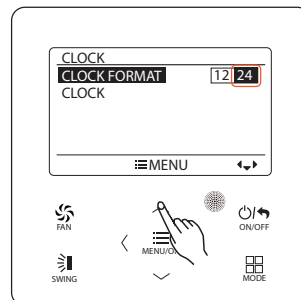
TIME FORMAT SETTING

The time format can be set to either 12 hour or 24 h

Press the MENU button to enter the functions setting.



Press the < or > button to select the CLOCK icon and press the MENU to enter the clock setting.



Press the ^ or v button to select the time format, then press < or > button to select the 12-hour system or 24-hour system.

OPERATION cont.

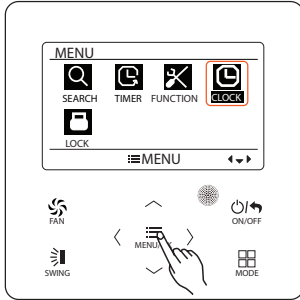
CLOCK SETTING

The clock setting is used to set the date and time.

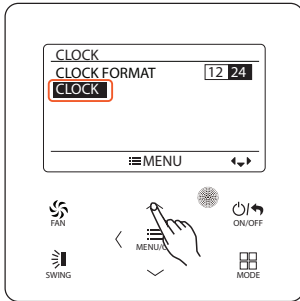
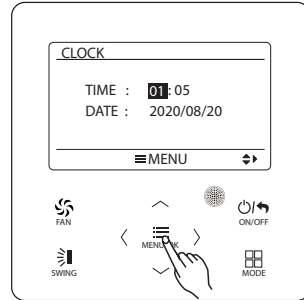
CLOCK SETTING cont.



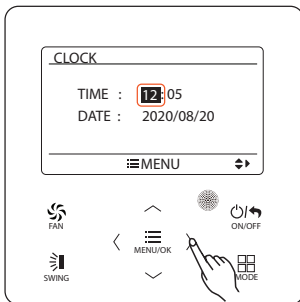
Press MENU button to save setting.



When in MENU page select the CLOCK icon to enter clock setting.



Press the \wedge or \vee button to select CLOCK, then press MENU to select the time setting.



Press $<$ or $>$ button to select settings time setting items hour, minute, year month, day.

Press \wedge or \vee button to set the value.

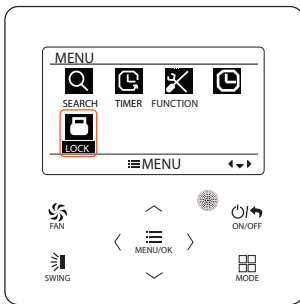
OPERATION cont.

LOCK SETTING

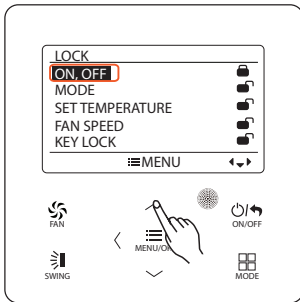
The lock setting can lock functions, Mode, temperature, fan speed. After locking the item cannot be set through the controller buttons.

NOTE:

If the keys are locked, all keys cannot be operated after returning to the previous screen.



Select lock symbol and press the MENU button to enter the lock setting page.

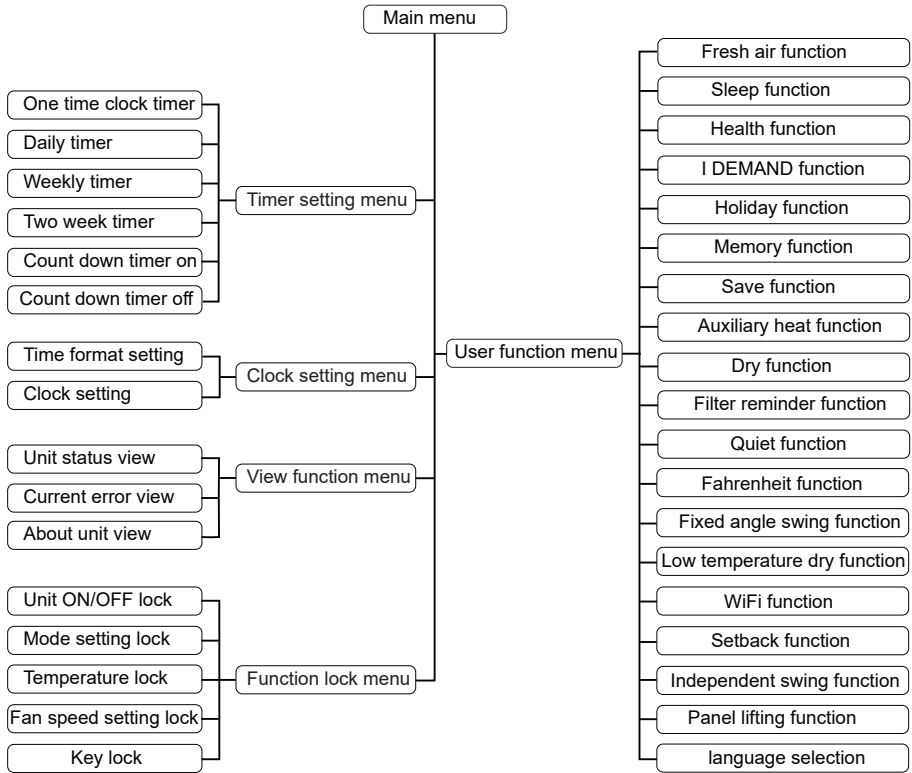


Press ^ or v button to select the item to be locked

Press the < or > button to lock or unlock.

OPERATION cont.

MAIN STRUCTURE



OPERATION cont.

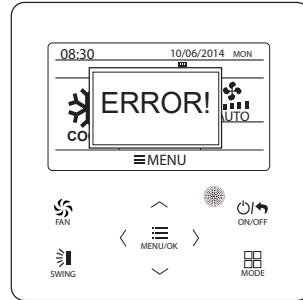
ERROR DISPLAY

When an error occurs to the unit, the error code will be shown on the wired controller.

When multiple errors simultaneously happen, the error codes will be shown cyclically on the display.

When an error occurs, please immediately shut down the unit and contact your Seeley approved service agent.

A typical error message is shown over - "E1" means the high pressure protection.



OPERATION cont.

COMMON ERROR CODES

Error Code	Error Description	Error Code	Error Description
E1	Compressor high-pressure protection	LF	Power protection
E2	Indoor anti-freeze protection	LP	IDU and ODU unmatched or Controller unmatched
E3	Compressor low-pressure protection, refrigerant lack protection, refrigerant collection mode	U7	4-way valve switch-over error
E4	Compressor air discharge high-temperature protection	P0	Driver reset protection
E6	Communication error	P5	Over-current protection
E8	Indoor fan error	P6	Master control and driver communication error
E9	Water-full protection	P7	Driver module sensor error
F0	Indoor ambient temperature sensor error	P8	Driver module high temperature protection
F1	Evaporator temperature sensor error	P9	Zero-crossing protection
F2	Condenser temperature sensor error/ Middle part of condenser temperature sensor error	PR	AC current protection
F3	Outdoor ambient temperature sensor error	Pc	Driver current error
F4	Discharge temperature sensor error	Pd	Sensor connection protection
F5	Wired controller temperature sensor error	PE	Temperature drift protection
CS	IDU jumper cap error	PL	Bus low-voltage protection
EE	IDU or ODU memory chip error	PH	Bus high-voltage protection
PF	Electric box sensor error	PU	Charging loop error
H3	Compressor overload protection	PP	Input voltage error
H4	Overload	PE	Driver memory chip error
H5	IPM protection	C4	ODU jumper cap error
H6	DC fan error	dU	Phase-loss and anti-phase protection
H7	Driver out-of-step protection	oE	ODU error, for specific error please see the status of ODU indicator
HC	PFC protection	EL	Emergency stop
Lc	Startup failure	LE	Compressor stall protection
Ld	Compressor phase-sequence protection		

MAINTENANCE & SERVICE

AIR FILTER

It is important to check and clean the air filter as per the Maintenance Schedule below. A dirty air filter will not allow the correct amount of clean air to pass through your air conditioner, resulting in poor performance and increased running costs. You should ask the installer to show you where the air filter is located. To clean the air filter, it should be removed and then cleaned with a vacuum cleaner. If it is very dirty, wash it with soapy water and then wipe off. Make sure it is completely dry before refitting it. You should never operate the air conditioner without the air filter in place.

INDOOR COIL

It is advisable to have the drain connections checked on an annual basis (as set out in the Maintenance Schedule). Drains can be blocked by all types of insects, and rats have been known to chew through the drain to get to the water in the pipe.

OUTDOOR UNIT

The Outdoor unit has either one or two fans, it draws air through the appliance to expel the heat generated during the cooling cycle. We recommend checking that plants haven't grown into or around the air intake or outlet, along

with other debris that may build up over time, namely, leaves and the like.

REFRIGERANT

The refrigerant is the life blood of your air conditioning unit. Not only does the correct refrigerant charge provide you with reliable and economical cooling, it also provides the cooling for the compressor. A lack of refrigerant, due to a leak, will cause the compressor to overheat and expire prematurely. You will notice a decline in cooling effect and an increase in power consumption. Therefore, having a qualified, licensed technician service your air conditioner will save you money in the long term.

PLEASE REFER TO THE NEXT PAGE FOR THE MAINTENANCE SCHEDULE

MAINTENANCE SCHEDULE

Installation Date:	/	/	Installer:	
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Items to be done by the Home Owner/User (please sign in the places indicated)							
	Monthly	Annually	Year 1	Year 2	Year 3	Year 4	Year 5
Air filter cleaning	✓						
Air filter replacement		✓					
Maintain required clearance around Outdoor unit		✓					

Items to be done by a Qualified Licensed Technician (Home owner/user must ensure that the technician signs and dates in the places indicated)	
	Annually
Check, clean or replace filter	✓
Check drain from indoor coil	✓
Check Outdoor unit clearances – maintain garden and debris	✓
Check refrigerant charge	✓
Check refrigeration connections for soundness	✓
Check outdoor fans	✓
Check electrical connections	✓
Check overall installation	✓
Report to the home owner/user all tasks that require attention	✓

Year 1 – Date:	/	/	Technician:	
Year 2 – Date:	/	/	Technician:	
Year 3 – Date:	/	/	Technician:	
Year 4 – Date:	/	/	Technician:	
Year 5 – Date:	/	/	Technician:	

Please NOTE: the Maintenance Schedule covers Year 1 to Year 5. To preserve your investment for many years afterwards, we strongly recommend that you continue to maintain and service the Braemar Ducted Inverter Air Conditioning Unit as per the items and frequency set out in the Schedule, and as indicated elsewhere in this Manual.

OPERATION TIPS

The following events may occur during normal operation:

1. Protection of the air conditioner.

Compressor protection

- The compressor cannot restart for 3 minutes after it stops.
- The supply air drops below a pre-determined set point; this prevents the indoor coil from freezing.

2. A white mist coming out from the Indoor unit.

- A white mist may generate due to a large temperature difference between air inlet and air outlet on COOL mode in an indoor environment that has a high relative humidity.

3. Low noise of the air conditioner.

- You may hear a low hissing sound when the compressor is running or has just stopped running.

This sound is the sound of the refrigerant flowing or coming to a stop.

- You can also hear a low “squeak” sound when the compressor is running or has just stopped running.

This is caused by heat expansion and cold contraction of the plastic parts in the Unit when the temperature is changing.

4. Dust is blown out from the Indoor unit.

This is a normal condition when the air conditioner has not been used for a long time or during first use of the Unit.

5. A peculiar smell comes out from the Indoor unit.

This is caused by the Indoor unit giving off smells permeated from building material, from furniture, smoke (for example if someone is cooking food), or from the duct work.

6. FAN operation during COOL mode.

When indoor air temperature reaches the setting on the wired wall control, the compressor will stop operating and after approximately 60 seconds the indoor fan will stop blowing air. When the room temperature rises back to the set point, the indoor fan and the compressor will start again.

TROUBLESHOOTING

Problem	Probable Cause	Remedy
1. The air conditioner does not run.	1.1 Power failure. 1.2 Fuse blown or circuit breaker open. 1.3 Thermostat adjustment too low (in heating mode) or too high (in cooling mode).	1.1 Wait for power to resume. 1.2 Replace the fuse or reset the breaker. 1.3 Check thermostat setting.
2. There is insufficient cooling.	2.1 The room was probably very hot when you started the system.	2.1 Wait a while so the Unit has enough time to cool the room.
3. 'Clicking' sound is heard from the air conditioner.	3.1 In heating or cooling operation any plastic parts may expand or shrink due to a sudden temperature change in this event, a clicking sound may occur.	3.1 This is normal.

WARRANTY & SERVICE

For prompt, efficient service, please follow the above before calling the appropriate number below.

For Refrigerated Cooling Issues

1300 526 477

When calling the Warranty Service number, please ensure you have your model and serial number available, along with date of purchase, and if possible a description of the problem.

NOTE:

Seeley International strives for continuous product improvements, therefore specifications are subject to change without notice. Unit colour may vary slightly from that depicted in this booklet.

Installation and commissioning of this system to the manufacturer's specification, and compliance with industry standards, and local, state and national regulatory codes, are the responsibility of the installer.

Information in this booklet was true and correct at the time of publishing. E & OE.

It is the policy of Seeley International to introduce continuous product improvements. Accordingly, specifications are subject to change without notice. Please consult with your dealer to confirm the specifications of the model selected.



Warranty Service
Refrigerated Cooling 1300 526 477
seeleyinternational.com

Braemar
By **SEELEY INTERNATIONAL** 
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