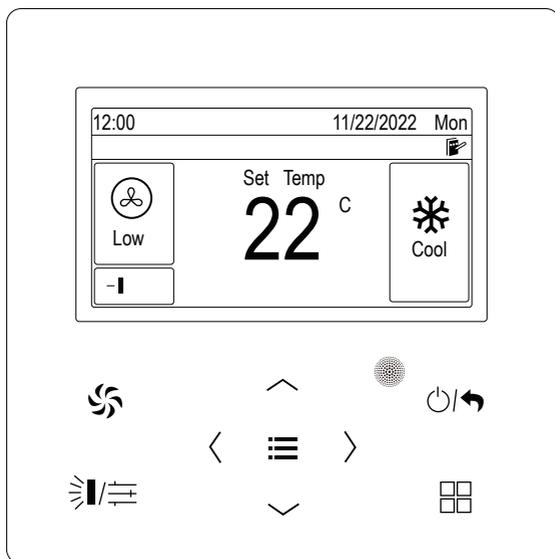


OWNER'S MANUAL

WIRED CONTROLLER



(English) (XE70)

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, WILL VERY LIKELY VOID YOUR WARRANTY.**

(For complete warranty terms, refer to the separate Warranty Booklet sold with the product. Alternatively, visit <https://www.seeleyinternational.com/warranty/> to download the terms.)

Warranty terms are subject to property access and industry safety standards.)

OPERATION cont.

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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 appliance 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 APPLIANCE, 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 cable 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.

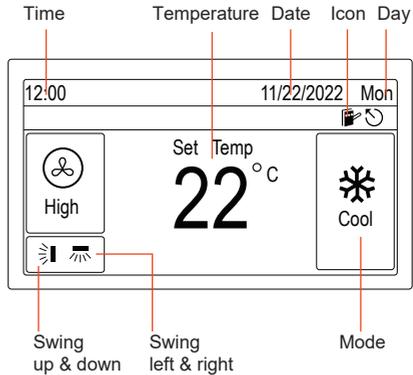
WIRED CONTROLLER

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

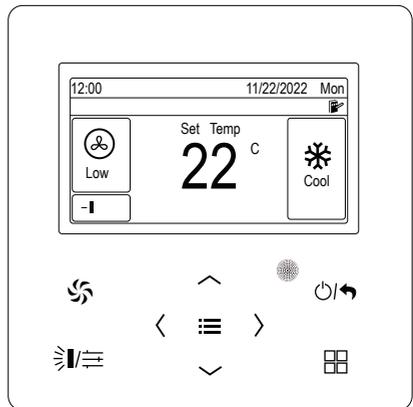
1. Do not install the wired controller in a damp place or under direct sunlight.
2. Do not abuse, toss, or frequently assemble/disassemble the wired controller.
3. Do not operate the wired controller with wet hands and never let any liquid flow into it.
4. Do not install or remove the wired controller by yourself. If necessary, please contact a service agent.
5. NOTE! This wired controller is applicable to various kinds of air conditioners – some specific functions unavailable to duct type or only available to cassette 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



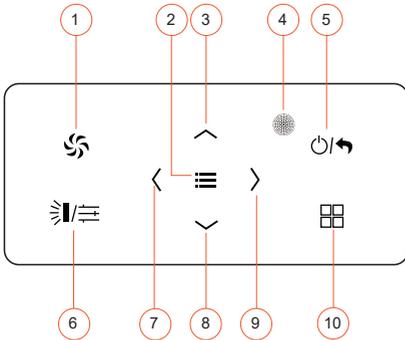
OPERATION cont.

LCD ICONS

Display	Definition	Instruction
	Primary	Displays when the current indoor unit connected by the wired controller is primary indoor unit (the icon will not be displayed when the wired controller connects to heat recovery unit)
	Group control	Displays when one wired controller controls multiple indoor units at the same time
	Secondary wired controller	It means the current wired controller is a secondary wired controller (address of wired controller is 02)
	Shielding	It means shielding status
	Card pulling	The gate control card is pulled out
	Lock	Lock status
	Invalid operation	Displays when the operation is invalid
	Error	Displays when error occurs
	Memory	Memory status (when the unit is re-energized after power failure, the indoor unit will resume to the setting status)
	Defrost	Defrosting status of outdoor unit
	Schedule	Displays when schedule function is activated
	Clean	Reminder to clean the air filter
	Humidification (Some models are with humidification function.)	Humidification function is activated
	Energy recovery	The current energy recovery function is valid
	Bypass	The current bypass function is valid
	Air discharge	Air discharge mode

OPERATION cont.

BUTTON FUNCTION

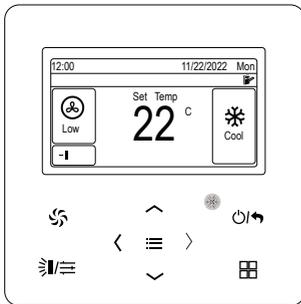
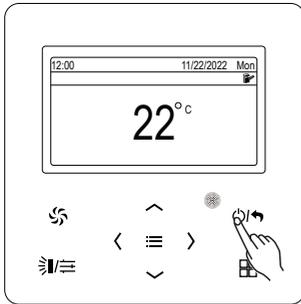


No	Button Name	Button Function
1	Fan	Switch fan speed: Auto, Low, Med. Low, Medium, Med. High
3	^	Set the operating temperature of indoor unit
8	v	Move the cursor
7	<	Turn page, Move the cursor,
9	>	Set and view parameters
10	MODE	Switch the operating mode: Auto, Cool, Dry, Fan, Heat, Floor, 3D Heat, etc.
6	Swing/Control	Set the swing status and control mode of air conditioner.
2	MENU/OK	Select mode and confirm parameters
4	Remote Receiver	For use with the wireless wall controller (optional)
5	ON/OFF/Return	Turn on/off the unit and return to the previous page

OPERATION cont.

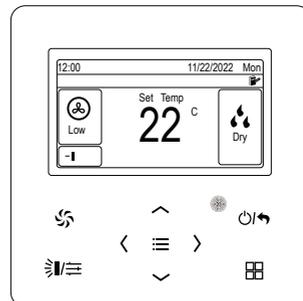
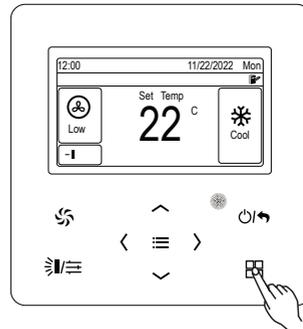
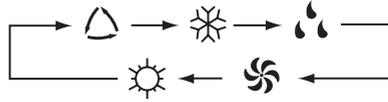
ON / OFF

Press the On/Off button to turn the appliance On or Off.



MODE SETTING

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



OPERATION cont.

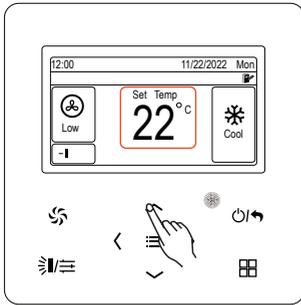
TEMPERATURE SETTING

Press \wedge or \vee button to increase or decrease setting temperature when the appliance 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 .

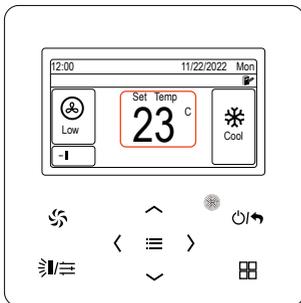
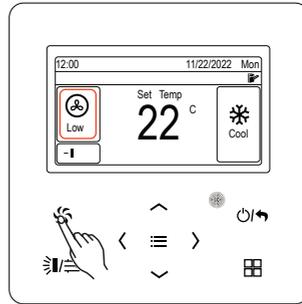
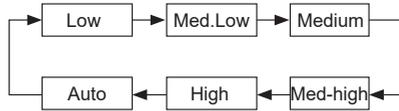
In Auto mode, the setting temperature is not adjustable.



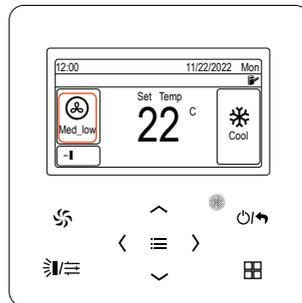
Press \wedge or \vee button to increase or decrease the temperature when the appliance is on.

FAN SPEED SETTING

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



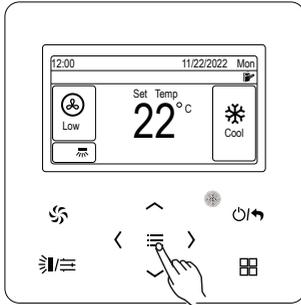
Pressing \wedge or \vee continuously, temperature will be increased or decreased by 1°C every 0.3s



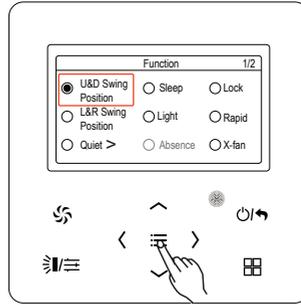
OPERATION cont.

FUNCTION SETTING

Press MENU/OK button on main page to enter main menu page. Press < or > button to select the function setting symbol.

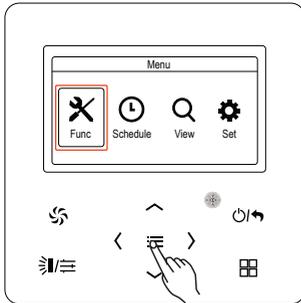


Press the menu button to enter the menu page.

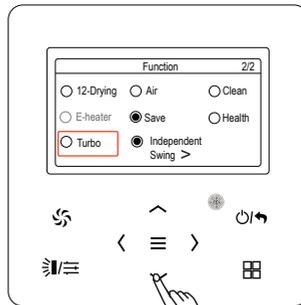


Press ^ or v to cycle between the menu options. Press < or > to move between pages.

Press OK button to toggle the function ON or OFF.



Press the OK button to enter the function page.



To navigate to 2nd screen 2/2 use ^ or v then press OK button.

OPERATION cont.

FUNCTION SETTING cont.

Function	Options	Extended Menu	Comments
U&D Swing Position	ON = ● OFF = ○		Selects between SIMPLE swing (OFF) and FIXED swing (ON) modes.
L&R Swing Position	ON = ● OFF = ○		Selects between SIMPLE swing (OFF) and FIXED swing (ON) modes.
Quiet	ON = ● OFF = ○, > extended menu	Quiet = indoor fan speed reduced. Auto Quiet = indoor fan speed is reduced depending upon indoor ambient temperature.	
Sleep	ON = ● OFF = ○		Revises the set temperature during sleeping hours to save energy
Light	ON = ● OFF = ○		Turns backlight on controller on or off
Absence	ON = ● OFF = ○		For Heat mode, maintain a minimum indoor ambient temperature after starting the appliance.
Lock	ON = ● OFF = ○		Prevents unwanted button operation
Rapid	ON = ● OFF = ○		Quickly cools/heats to reach the set temperature
X-Fan	ON = ● OFF = ○		Fan continues running after cooling coil has stopped, to prevent moisture and mildew build-up on indoor unit coil.
12-Drying	ON = ● OFF = ○		For Dry mode only, set temperature becomes 12°C
E-Heater	ON = ● OFF = ○		If fitted, can turn on auxiliary heating coil to aid Dry or Heat modes
Turbo	ON = ● OFF = ○		Selects the highest air speed

OPERATION cont.

FUNCTION SETTING cont.

Function	Options	Extended Menu	Comments
Air	ON = ● OFF = ○, > extended menu	Level 1 (Open 6 mins every hour) to 10 (constantly open)	For units with air function and fresh air valve installed
Save	ON = ● OFF = ○, > extended menu	Mode (Cool, Dry, heat etc) Lower / Upper Temp Limit	Limits the minimum (for Cool and Dry modes) or maximum (for Heat, 3D Heat, Space modes) set limits to save energy. NOTE: Before activating, set temperatures on the homepage should not be lower (cooling modes) or higher (heating modes) than the Save temperature limits.
Independent Swing	ON = ● OFF = ○, > extended menu	Air Outlet 1 to 4 = OK button to select the outlet. OFF = Air outlet swing mode is off ON, then select the vane position / cycle for each air outlet	Can only set the Up/Down swing mode. Can only set one outlet as closed, all other outlets must be open (applicable to 4 outlet unit). For 2 outlet unit, both outlets will be open
Clean	ON = ● OFF = ○, > extended menu	Current Cleanliness: A (light) B (medium) C (severe) Clean Cycle: 0 (shortest interval) to 9 (longest interval)	Cleaning reminder interval can be set according to the Pollution Environment. For A: 0 = 5,500hrs, 9 = 10,000hrs For B: 0 = 1,400hrs, 9 = 5,000hrs For C: 0 = 100hrs, 9 = 1,000hrs
Health	ON = ● OFF = ○		Air purification function where fitted

OPERATION cont.

SWING

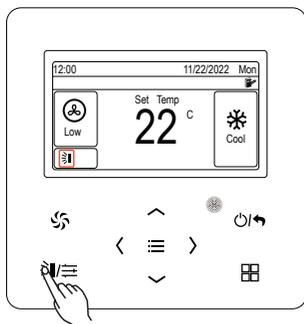
Swing operation can be set and is dependent upon the type of indoor being operated, as not all functions are available for all indoor models (not all models have Up / Down or Left / Right louvres).

There are two types of swing mode - SIMPLE and FIXED, which can be selected by using the Function Setting menu.

SIMPLE SWING

When selected, the louvres will oscillate through their full range of movement.

UP / DOWN SWING



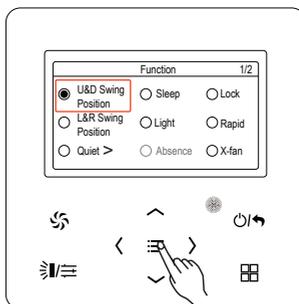
When the appliance is ON, press the Swing button.

Then press either the ^ or v buttons to toggle on or off the swing function.

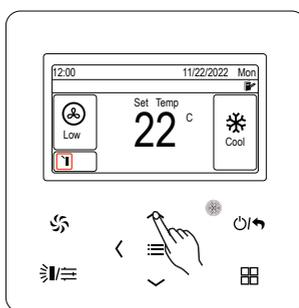
FIXED SWING

When selected, the louvres can be set to oscillate or be fixed in a specific position.

UP / DOWN SWING



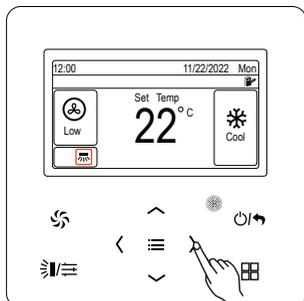
When in the function page select the U&D Swing Position and press the OK button to save the setting.



Return to the home page, press the Swing button.

Then press either the ^ or v buttons to toggle between the setting below.

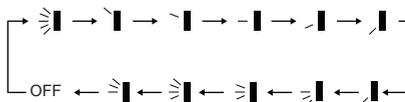
LEFT / RIGHT SWING



Press the < or > buttons to select the Left / Right swing operation.

Press the ^ or v buttons to toggle on or off the swing function.

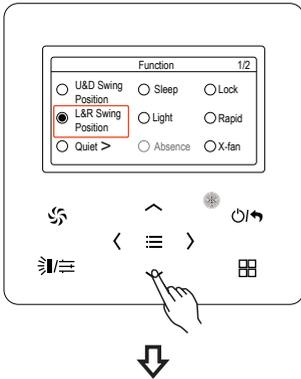
Press OK button to save the setting.



OPERATION cont.

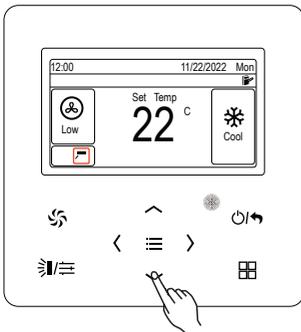
FIXED SWING cont.

LEFT / RIGHT SWING



When selected, the appropriate icons will be shown.

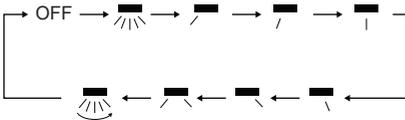
Press OK button to save the setting.



Return to the home page, press the Swing button.

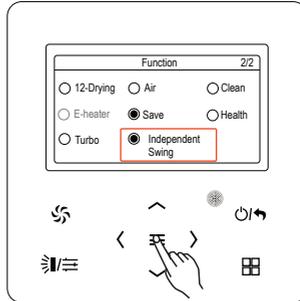
Press the < or > buttons to select the Left / Right swing operation.

Then press either the ^ or v buttons to toggle between the setting below.



INDEPENDENT SWING

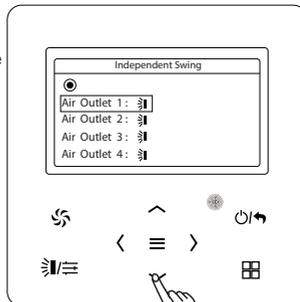
For cassette models only, it is possible to operate the individual Up and Down louvre sets independently of each other.



When in the Function Setting menu press and hold the OK button for 5 seconds.

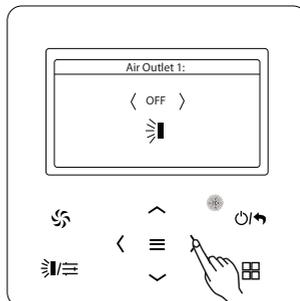
The Independent Swing function will now be activated and shown on page 2

Press OK button to enter the independent screen



Press OK button to turn On / Off the function.

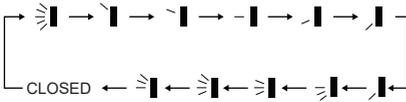
Use ^ or v to scroll to the next option and OK button to enter the next screen.



Use < or > buttons to toggle between values (On / Off or louvre position). The Up / Down louvre positions can be selected as shown in the next column.

OPERATION cont.

INDEPENDENT SWING cont.



Note:

An air outlet can only be set as 'Closed' on a four outlet model, only one air outlet can be set as 'Closed'.

The homepage will display the Up/Down swing icon as , with the closed outlet set as grey.

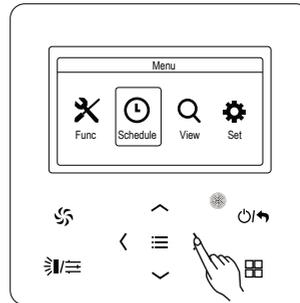
For models with only 2 outlets, Air Outlet 3 and Air Outlet 4 will be shown as 'disable' and Air Outlet 1 and Air Outlet 2 cannot be set as 'Closed'.

The homepage will display the Up/Down swing icon as .

SCHEDULE SETTING

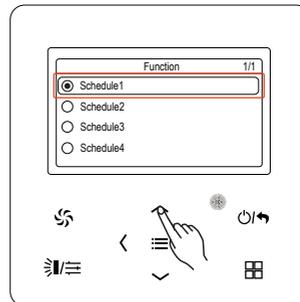
Use this function to add a schedule of time Off and On.

NOTE: Time must first be set – refer Settings menu on how to do this.



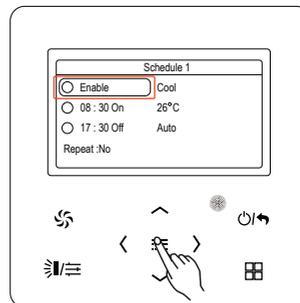
Press < or > button to select schedule.

Press OK button to enter into menu.



Press ^ or v button to select the schedules 1 - 4.

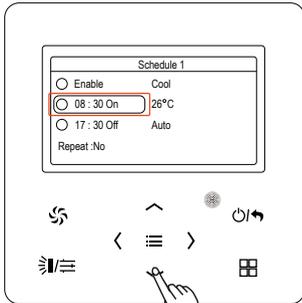
Press OK button to enter into menu.



Press OK button to enable schedule.

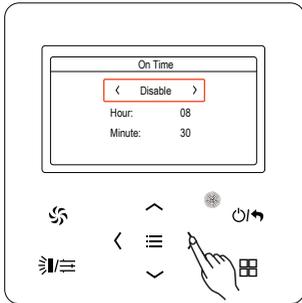
OPERATION cont.

SCHEDULE ON TIME



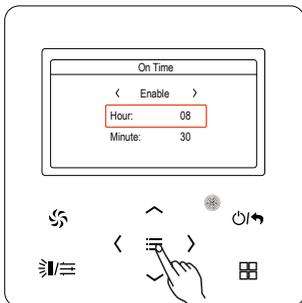
Press \wedge or \vee button to select the On time.

Press OK button to enter into the setting page.



Press \leftarrow or \rightarrow button to select the enable/disable On Time.

Press \wedge or \vee button to scroll to the Hour and Minute settings.



Use the \leftarrow and \rightarrow buttons to adjust the values.

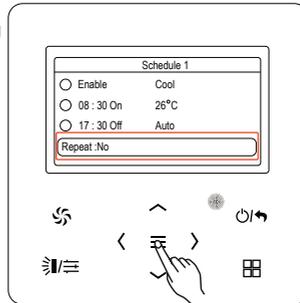
Press the OK button to save the setting and return to the previous page.

SCHEDULE OFF TIME

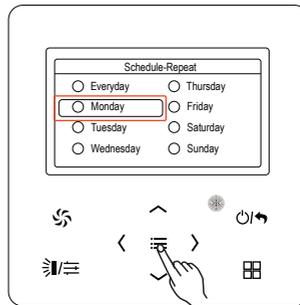
Press the \wedge or \vee button to select the Off Time. Repeat the previous steps used for setting the On Time. On Time only, Off Time only and On and Off Time combinations can be set.

SCHEDULE REPEAT

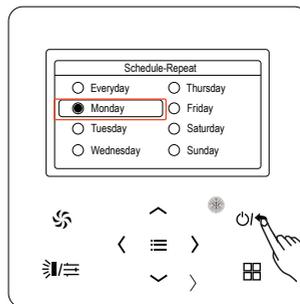
Use this function to repeat a schedule.



Press \wedge or \vee button to select Repeat and OK button to enter menu page.



Press \wedge or \vee button to select the day(s) and OK button to toggle ON or OFF.

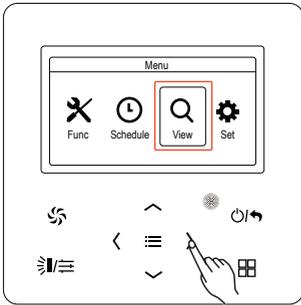


Press the Return button to return to the previous page.

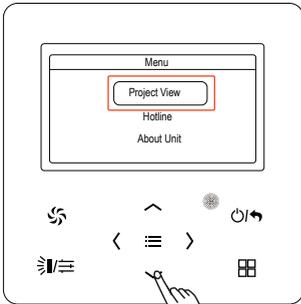
OPERATION cont.

PROJECT VIEW

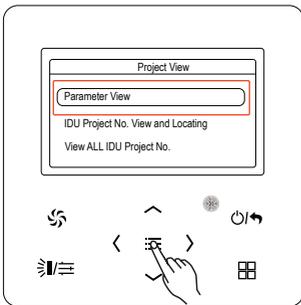
Use this function to view the parameters for the appliance.



Press < or > button to select view function.



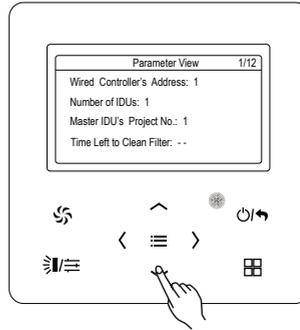
Press ^ or v to select the project view.



Press ^ or v button to select the parameter view.

Press OK to enter menu.

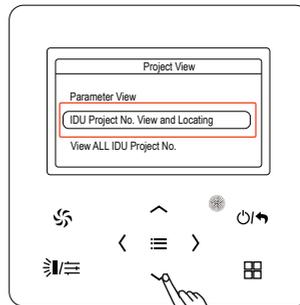
PROJECT VIEW cont.



Press ^ or v button to go to the next parameter page.

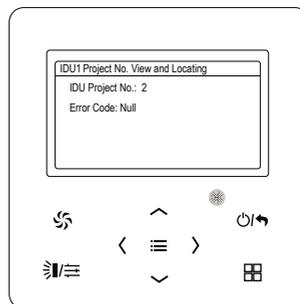
IDU PROJECT NO. VIEW AND LOCATING

Use this function to view the number of indoor units and error codes.



Press ^ or v button to select IDU Project No. View and Locating.

Press OK to enter menu.

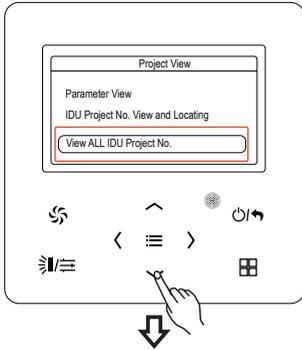


The IDU1 project No. view and locating will display the number of indoor units and the error code.

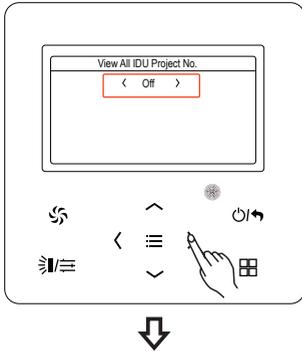
OPERATION cont.

VIEW ALL PROJECT NO.

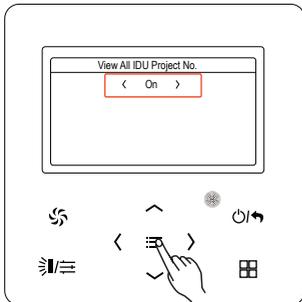
Use this function to view all the IDU and project number.



Press ^ or v button to select view ALL IDU Project No.
Press OK to enter menu.



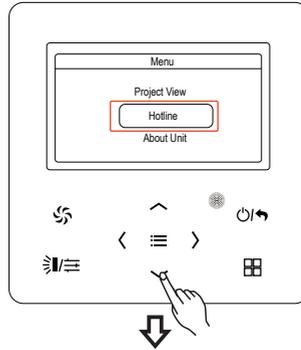
Press < or > button to turn the function On or Off.



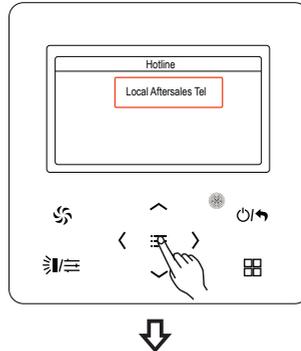
Press OK button to save.

HOTLINE

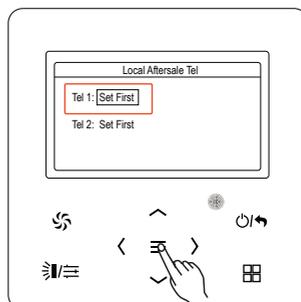
Use this function to view or set the Local Aftersales telephone details.



Press ^ or v button to select Hotline tab.
Press OK button to enter the menu.



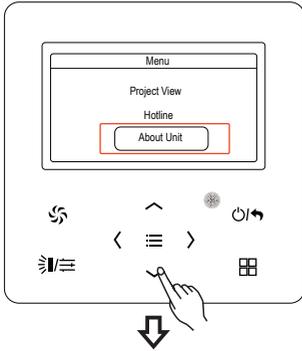
Press OK button to enter the menu.



Press ^ or v button to select Tel 1 and Tel 2.
Press OK button to enter the menu.

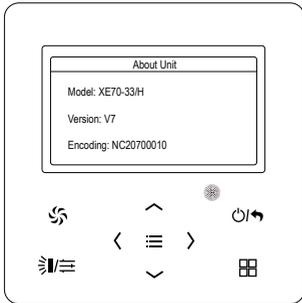
OPERATION cont.

ABOUT UNIT



Press \wedge or \vee button to select the about unit.

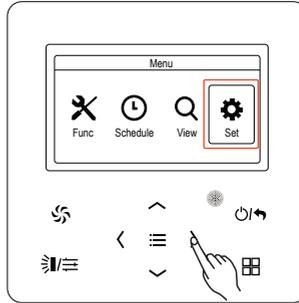
Press OK button to enter the menu.



The about unit menu will show the model number version and encoding.

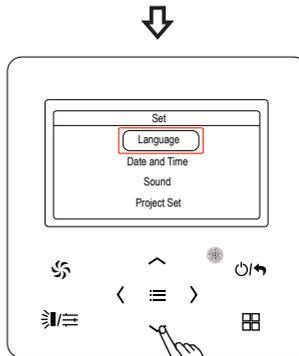
SETTING

- Language
- Date and Time
- Sound
- Project set



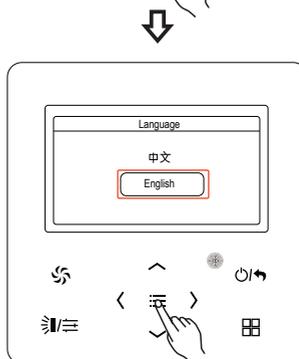
Press \leftarrow or \rightarrow button to select the set function.

Press OK to enter menu.



Press \wedge or \vee button to select the language setting.

Press OK button to enter menu.



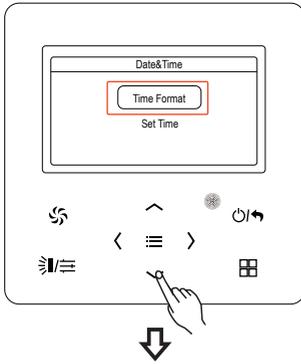
Press OK button to enter menu.

Press the Return button to return to previous page.

OPERATION cont.

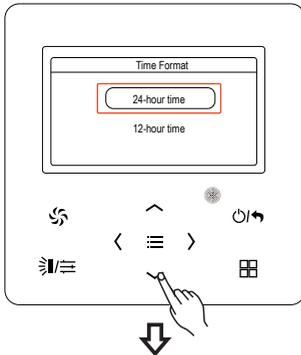
TIME FORMAT

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

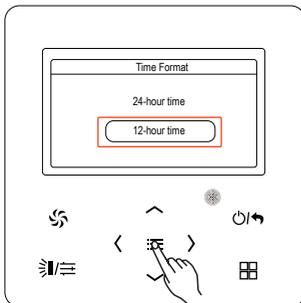


Press ^ or v button to select the time format setting.

Press OK button to enter menu.



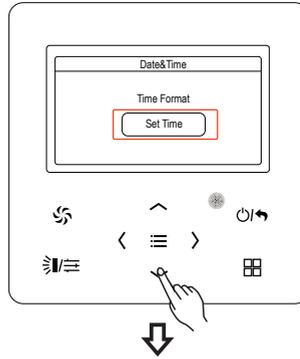
Press ^ or v buttons to select either 24-hour time or 12-hour time.



Press OK button to save.

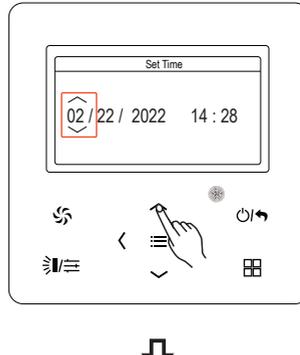
SET TIME

The user can set the set time and date through this function.

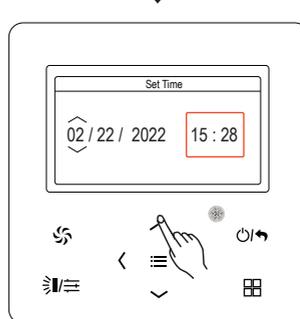


Press ^ or v buttons to select set time button.

Press OK button to save.



Press ^ or v buttons to set the date.



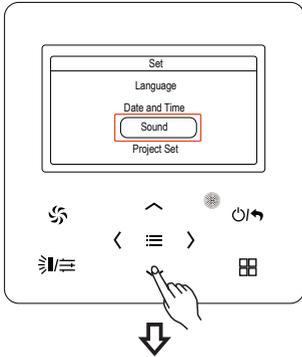
Press ^ or v buttons to set the time.

Press OK button to save.

OPERATION cont.

SOUND

The user can set the sound setting.



Press ^ or v buttons to select the sound function.

Press OK button to enter menu.

PROJECT SET

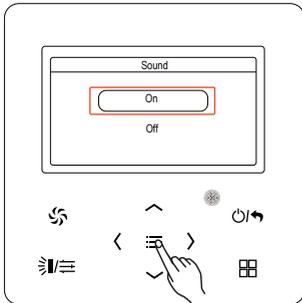
Use this setting for the following:

- Master Wired Controller
- Use Remote
- High Ceiling Installation
- PM2.5 Filter
- Master IDU
- Prior operation
- Link with fresh air IDU
- Change from C° to F°



Press the ^ or v button to select Project Set.

Press OK button to enter page.



Press ^ or v buttons to select the On or Off.

Press OK button to save.

PROJECT SETTINGS

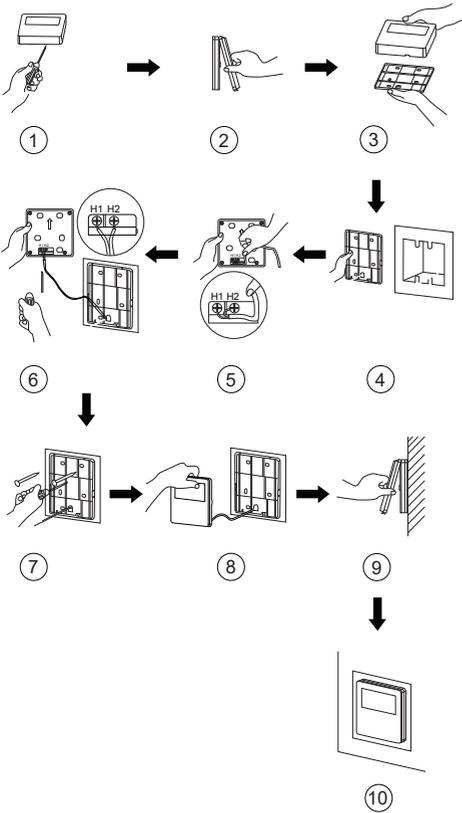
Item	Settable range	Default	Comments
Master Wired Controller	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	ON	When it is off, this wired controller is primary wired controller, status column of the homepage displays the icon of primary wired controller  , the wired controller can only activate the primary wired controller, it does not have the function of setting parameters for other units.
Master IDU	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	OFF	Once it is activated, the current IDU is set to be primary IDU. When the setting is on, if the system mode priority is the primary-secondary mode, the status column in homepage will display the icon of primary IDU  , when the setting is off, primary and secondary status of the current IDU will not be changed.
Use Remote	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	ON	When it is set as OFF, the wired controller cannot receive the remote control signal, only can operate with buttons.
Prior Operation	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	OFF	When the power supply is insufficient, it is allowed to turn on the designated IDU as preferential operation, other IDUs should be compulsorily off.
High Ceiling Installation	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	OFF	Only applicable to cassette type IDU.
Link With Fresh Air IDU	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	OFF	After setting the linkage function, the fresh air IDU will automatically turn on or turn off along with the on and off of general IDU, meanwhile, user can manually turn on or turn off the unit. Only applicable to fresh air IDU.
PM2.5 filter*	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	OFF	After it is successfully set, adjust the revolving speed to ensure the air volume is close to or the same as the previous air volume. Only applicable to the unit with PM2.5 filter.
In °F	ON = <input checked="" type="radio"/> OFF = <input type="radio"/>	ON	When it is set as "ON", the temperature unit becomes Fahrenheit, otherwise the unit is degree Celsius.

PROJECT SETTINGS cont.

Item	Settable range	Default	Comments
Clear Filter Cleaning Time	Clear Filter Cleaning Time?		
Reset WiFi	Reset WiFi?		Only applicable to the unit connected to "G-cloud control".
IDU Fan Static Pressure	1 - 9	5	
Number of IDUs	0: disable this function 1-16: quantity of IDU	1	Set corresponding value according to the connected quantity of IDU.
Angle of Air-return Board	Angle 1 Angle 2 Angle 3	Angle 2	Only applicable to the model with air-return plate.
Cooling temp of Auto Mode	17°C - 30°C	25°C	Cooling temperature of Auto mode Heating temperature of Auto mode $\geq 1^{\circ}\text{C}$.
Heating temp of Auto Mode	16°C - 29°C	20°C	
Cooling Temp of Fresh Air IDU.	16°C - 30°C	18°C	Only applicable to fresh air IDU.
Heating Temp of Fresh Air IDU.	16°C - 30°C	22°C	Only applicable to fresh air IDU.
Relative Humidity of Auto Dry*	65% - 85%	75%	
Relative Humidity of Absence*	65% - 85%	75%	
Temp of Absence Mode*	5°C - 10°C	8°C	
Resume after inserting card	00 : No 01 : Yes	01 : Yes	When it is set as 00, it will keep the status after inserting the gate control card, that is, if it is OFF status when pulling out the card, when inserting the card, it is still OFF status.
Cold air prevention time setting of indoor unit*	180s 300s 420s 600s	180s	Cold air prevention time is the max waiting time from the time turning on the heating mode to the time blowing out the hot wind. The actual waiting time is related to the outdoor ambient temperature. If there is cold air after turning on the heating mode in the actual operation, please consult the professional person to adjust this parameter.

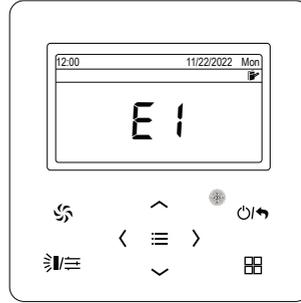
INSTALLATION

INSTALLATION INSTRUCTIONS



ERROR STATUS

The error status can be viewed on the screen.



When an error occurs to the appliance, the error code will be shown 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" Compressor high pressure protection.

ERROR CODES FOR OUTDOOR UNITS

Error Code	Error Description	Error Code	Error Description
b1	Outdoor Ambient Temperature Sensor Error	E2	Discharge Low Temperature Protection
b2	Defrosting Temperature Sensor 1 Error	E3	Low Pressure Protection
b3	Defrosting Temperature Sensor 2 Error	E4	Excess Discharge Temperature Protection of Compressor
b4	Subcooler Liquid-out Temperature Sensor Error	Ed	Low Temperature Protection of Driver Module
b5	Subcooler Gas-out Temperature Sensor Error	F0	Bad Performance of the Outdoor Mainboard
b6	Gas-liquid separator inlet temperature sensor error	F1	High Pressure Sensor Error
b7	Gas-liquid separator outlet temperature sensor error	F2	Inlet Tube Temperature Sensor Error of Plate Type Heat Exchanger
b8	Outdoor Humidity Sensor Error	F3	Low Pressure Sensor Error
b9	Heat Exchanger Gas-out Temperature Sensor Error	F4	Outlet Tube Temperature Sensor Error of Plate Type Heat Exchanger
bA	Oil-return Temperature Sensor Error	F5	Compressor 1 Discharge Temperature Sensor Error
bB	Oil-return 4 Temperature Sensor Error	F6	Compressor 2 Discharge Temperature Sensor Error
bC	Compressor 1 Top Temperature Sensor Detachment Protection	F7	Compressor 3 Discharge Temperature Sensor Error
bD	Air-in Temperature Sensor Error of Subcooler	F8	Compressor 4 Discharge Temperature Sensor Error
bE	Malfunction of entry tube temperature sensor of condenser	F9	Compressor 5 Discharge Temperature Sensor Error
bF	Malfunction of exit tube temperature sensor of condenser	FA	Compressor 6 Discharge Temperature Sensor Error
bH	System Clock Malfunction	Fb	Compressor 2 Top Temperature Sensor Error
bJ	High and low pressure sensors are connected inversely	Fc	Compressor 2 Current Sensor Error
bL	Compressor 2 Top Temperature Sensor Detachment Protection	Fd	Mode Exchanger Outlet Pipe Temperature Sensor Error
bN	Liquid-in Temperature Sensor Error of Subcooler	FE	Compressor 4 Current Sensor Error
bP	Oil-return 2 Temperature Sensor Error	FF	Compressor 5 Current Sensor Error
bU	Oil-return 3 Temperature Sensor Error	FH	Compressor 1 Current Sensor Error
bY	Water-out Temperature Sensor Error	FJ	Compressor 6 Current Sensor Error
E0	Outdoor Unit Error	FL	Compressor 3 Current Sensor Error
E1	High Pressure Protection	Fn	Mode Exchanger Inlet Pipe Temperature Sensor Error

ERROR CODES FOR OUTDOOR UNITS cont.

Error Code	Error Description	Error Code	Error Description
FP	Malfunction of DC motor	U7	4-way Valve Blow-by Protection
FU	Compressor 2 Top Temperature Sensor Error	U8	System Pressure Over-Ratio Protection
FY	Water-in Temperature Sensor Error	U9	System Pressure Under-Ratio Protection
GH	PV DC/DC Protection	UR	Protection of Abnormal Pressure
HO	Error of Fan Drive Board	UC	Protection of Water Flow Switch
H1	Malfunction of Fan Drive Board	UE	Oil return pipe is blocked
H2	Protection of Fan Drive Board Power Supply	UF	Oil return pipe is leaking
U1	Compressor 1 Over-current Protection	UU	Low Water-in Temperature Protection
U2	Compressor 2 Over-current Protection	UL	Protection of Low High-pressure
U3	Compressor 3 Over-current Protection	P0	Compressor Drive Board Error
U4	Compressor 4 Over-current Protection	P1	Compressor Drive Board Malfunction
U5	Compressor 5 Over-current Protection	P2	Protection of Compressor Drive Board Power Supply
U6	Compressor 6 Over-current Protection	P3	Protection of Compressor Drive Board Module Reset

ERROR CODES FOR INDOOR UNITS

Error Code	Error Description	Error Code	Error Description
d1	Indoor Unit PC-Board Error	L8	Power Insufficiency Protection
d3	Ambient Temperature Sensor Error	L9	Quantity Of Group Control Indoor Units Setting Error
d4	Inlet Pipe Temperature Sensor Error	LR	Indoor Units Incompatibility Error
d5	Malfunction of middle tube temperature sensor	Lb	Inconsistency of Group-controlled Indoor Units in Reheat Dehumidification System
d6	Outlet Pipe Temperature Sensor Error	LC	Outdoor-Indoor Incompatibility Error
d7	Humidity Sensor Error	Ld	Indoor Fan 2 Error
d8	Water Temperature Abnormality	LF	Shunt Valve Setting Error
d9	Jumper Cap Error	LH	Low Air Quality Warning
dR	Indoor Unit Hardware Address Error	LJ	Wrong Setting of Function DIP Switch
db	Special Code: Field Debugging Code	Ln	Lift Panel Return Air Frame Reset Exception
dC	Capacity DIP Switch Setting Error	LP	Zero-crossing malfunction of PG motor
dE	Indoor Unit CO2 Sensor Error	LU	Inconsistent Branch of Group-controlled Indoor Units in Heat Recovery System
dH	Wired Controller PC-Board Error	o0	Motor Drive Error
dL	Outlet Air Temperature Sensor Error	o1	Low Voltage of IDU Bus Bar
dN	Swing Assembly Error	o2	High Voltage of IDU Bus Bar
dY	Water Temperature Sensor Error	o3	IDU IPM Module Protection
L0	Indoor Unit Error	o4	IDU Startup Failure
L1	Indoor Fan Protection	o5	IDU Overcurrent Protection
L2	E-heater Protection	o6	IDU Current Detective Electric Circuit Error
L3	Water Full Protection	o7	IDU Losing Step Protection
L4	Wired Controller Power Supply Error	o8	IDU Driver Communication Error
L5	Anti-Frosting Protection	o9	Communication Error of IDU Master Controller
L7	No Master Indoor Unit Error	oR	High Temperature of IDU Module

ERROR CODES FOR INDOOR UNITS cont.

Error Code	Error Description	Error Code	Error Description
0b	Temperature Sensor Error of IDU Module	49	Outdoor Air Box Sensor Error
0c	IDU Charging Circuit Error	4a	IFD error
41	Inlet Pipe Temperature Sensor 2 Error	4c	Air-return Inlet Sensor Error
42	Outlet Pipe Temperature Sensor 2 Error	4e	Air-return Outlet Temperature Sensor Error
43	Middle Tube Temperature Sensor 2 Error	4f	Air-return Outlet Temperature Sensor Error
47	Fresh Air Inflow Temperature sensor Error	4h	Fresh Air-out Sensor Error
48	Indoor Air Box Sensor Error	4l	Air-return Outlet Temperature Sensor Error

DEBUGGING CODES

Error Code	Error Description	Error Code	Error Description
E0	Communication between indoor unit and outdoor unit and the communication between indoor unit and wired controller have malfunction	U3	Phase Sequence Protection of Power Supply
E1	Communication error of expansion board	U4	Protection of Lack of Refrigerant
E2	Communication error between master control and inverter compressor drive	U5	Wrong Address of Compressor Drive Board
E3	Communication error between master control and inverter fan motor drive	U6	Valve Abnormal Alarm
E4	Error of Lack of Indoor Unit	U7	Grid DRED0 Response Protection
E5	Alarm of Indoor Unit Project Number Collision	U8	Indoor Unit Tube Malfunction
E6	Alarm of Wrong Number of Outdoor Unit	U9	Outdoor Unit Tube Malfunction
E7	Mode Exchanger Communication Error	UA	Overvoltage Protection of DC Bus Bar in Power Grid Side
Eb	Outflow of Units IP Address	Ub	Protection without shutdown error of thermal storage module
Ec	No master control unit error	Uc	Master indoor unit is successfully set
Ed	Communication Failure Between Mode Exchanger and Outdoor Unit	Ud	Grid-connection driver board error
Ee	Communication Failure Between Mode Exchanger and Indoor Unit	Ue	Refrigerant Charging is ineffective
Ef	Error of Multiple Master Indoor Unit	Uf	Indoor Unit Identification Error of Mode Exchanger
EH	Rated capacity is too high	UH	Undervoltage Protection of DC Bus Bar in Power Grid Side
EJ	System addresses is incompatible	UJ	PV module F0 protection
EL	Rated capacity is too low	UL	Emergency Operation DIP switch setting of the compressor is wrong
En	Indoor and Outdoor Network Error of Mode Exchanger	Un	Communication error between grid-connection driver board and master controller
EP	Error of Multiple Master Wired Controller	UP	Protection shutdown error of thermal storage module
EU	Communication Error between Indoor Unit and Remote Receiver	UU	Electronic expansion valve leak error of thermal storage module
EY	Communication Error of No Master in Mode Exchanger	UY	PV module overheating protection
U2	Outdoor Unit Capacity Code/Jumper Cap Setting Error		

STATUS CODES

Error Code	Error Description	Error Code	Error Description
R0	Unit is waiting for debugging	RJ	Filter Clean Reminder
R1	Check the compressor operation parameters	Rn	Lock Status
R2	After-sales Refrigerant Reclaim	RU	Remote Urgent Stop
R3	Defrosting	n3	Compulsory defrosting
R4	Oil return	9b	Anti-condensation temperature setting
R5	Online Testing	9d	Setting of target degree of super-cooling of ODU
RB	Vacuum-pumping Mode	9E	EVI Operating Mode
R9	Operate in Setback Function	9F	System compulsory cooling mode
Rb	Emergency Stop	9n	PV grid-connected settings
Rd	Operation Restriction	9P	PV GMV Unit export area setting
Rc	Cooling	9U	Grid voltage of system configuration
Rf	Fan	9Y	Working mode of compressor heating belt
RH	Heating		

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 appliance.

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 appliance 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 Appliance 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 appliance.

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.

OPERATION TIPS cont.

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 appliance 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.

NOTE

Warranty Registration (Australia Only)

To register your warranty, go to
www.seeleyinternational.com



Warranty Service

Australia: 1300 650 644
New Zealand: 0800 589 151

seeleyinternational.com

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