



Professional Humidity Control and
Air Purifying System

User Manual

For
Customer
Use Only

- Correct application will help you save even more energy.
- The warranty card is included separately - Before using the product, please read through this user manual carefully. Keep the manual in a secure place.
- To insure your rights and interests, please ask the dealer to specify the purchase date and dealer's name on the warranty.
- Important! Leave enough space to allow safe service and repair for your ProCozy unit (see installation guide).



The unit is not to be used 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. Children being supervised not to play with the unit.

Safety Instructions

Please read through this user manual carefully before using the product. Hazards that may occur as a result of improper use and their degrees of severity are explained in detail below.



WARNING Incorrect use may result in death or serious injury.



CAUTION Incorrect use may result in injury or property damage.

Safety Precautions

- To prevent injuries, please do not place any foreign objects in the air intake or air outlet.
- Any contact with the dehumidifier's rapidly spinning fan blades may cause bodily injuries or damage to the unit.
- Operating the unit without the air filter may cause the unit to lose its ability to remove substances such as pollen, bacteria, and mold. The unit may also malfunction if dust is sucked inside.
- After installation and before operating the unit, please confirm that the environment is clean. Failure to remove excessive airborne substances or odors or to keep the unit clean will result in poor operational efficiency.
- In order to avoid fire, explosion and injuries, please do not use this product in the presence of flammable materials, oil, organic solvents, aerosols, or in direct exposure to flames.
- Do not touch the wiring with wet hands.
- Do not use a joint cord, extension cord, or unspecified cord for product operation.
This may cause overheating, fire or electric shock.
- Do not use damaged or modified power cables.
- To avoid causing any damage, please do not place heavy objects on the power cable. In the case of power cable damage, the cable should be replaced by either Altrason, authorized dealers, or qualified personnel to avoid any danger.
- Should an anomaly occur, please stop operation of the unit and turn off the power immediately.
Continued operation under abnormal circumstances may result in malfunction, electric shock, or fire.
- Please contact authorized repair personnel for repairs.
- Please do not place the remote control in areas that are easily accessible to young children. This is to prevent young children from possibly ingesting the batteries.
- Please do not mix up battery polarity \oplus/\ominus .
Incorrect polarity can lead to fires caused by short circuits and battery leakage.
- Do not mix batteries from different brands or types.

Precautions for Installation, Relocation, and Repairs

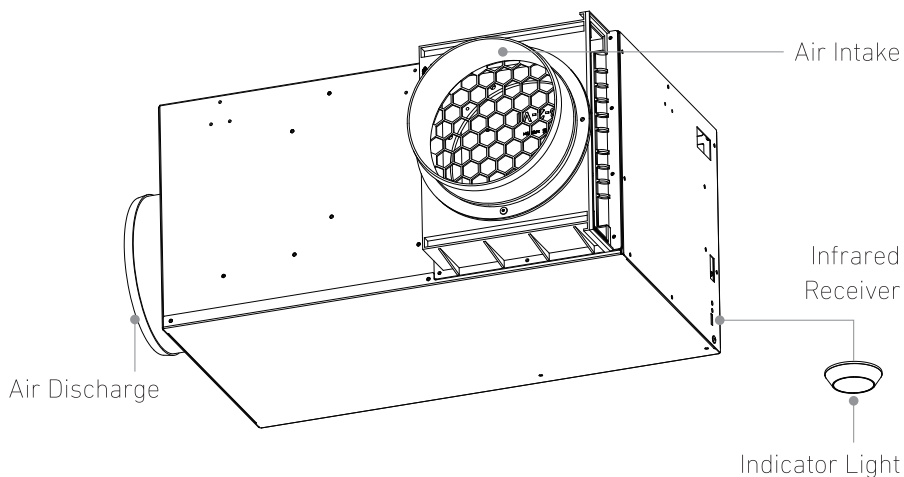
- When installing the unit, consideration must be given to anchoring it strongly and securely as well as reserving enough space for repairs and servicing to be carried out safely.
- The location's load-bearing capabilities must be carefully considered during the process of installation. Weak or unsecured anchoring may result in the unit falling and causing personal injury.
- Power source : The power source uses the standard (100V/ 110V/ 120V/ 200V/ 220V/ 230V/ 240V) voltage. Please use a dedicated circuit designed for air conditioning systems.
- Check whether ground wires are properly installed on the power outlet.
- Check for the installation of an earth leakage circuit breaker. Failure of installation may cause electrical leakage or electric shocks.
- Make sure the power to the unit is shut off before conducting inspections.
- Do not repair, relocate, or reinstall this product by yourself. Improper installation during the process of reinstallation may lead to electric shocks or fire.
- Make sure that water flows out continuously when drainage piping is installed. Incorrect installation may lead to indoor flooding or water damage to furniture.

Important Notes for Users

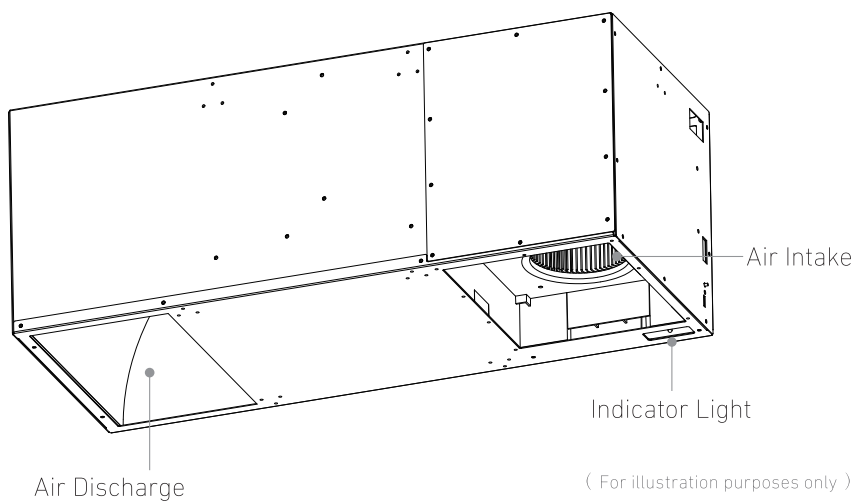
- It is recommended that all doors and windows be closed during product operation. Opening doors or windows during product operation may induce drastic fluctuations in indoor temperature and humidity and increase the time required for dehumidification.
- The dehumidification capacity will gradually decrease as indoor humidity is reduced. Continuous dehumidification within a space reduces humidity in that space, thereby reducing the amount of water extracted.

Component Descriptions

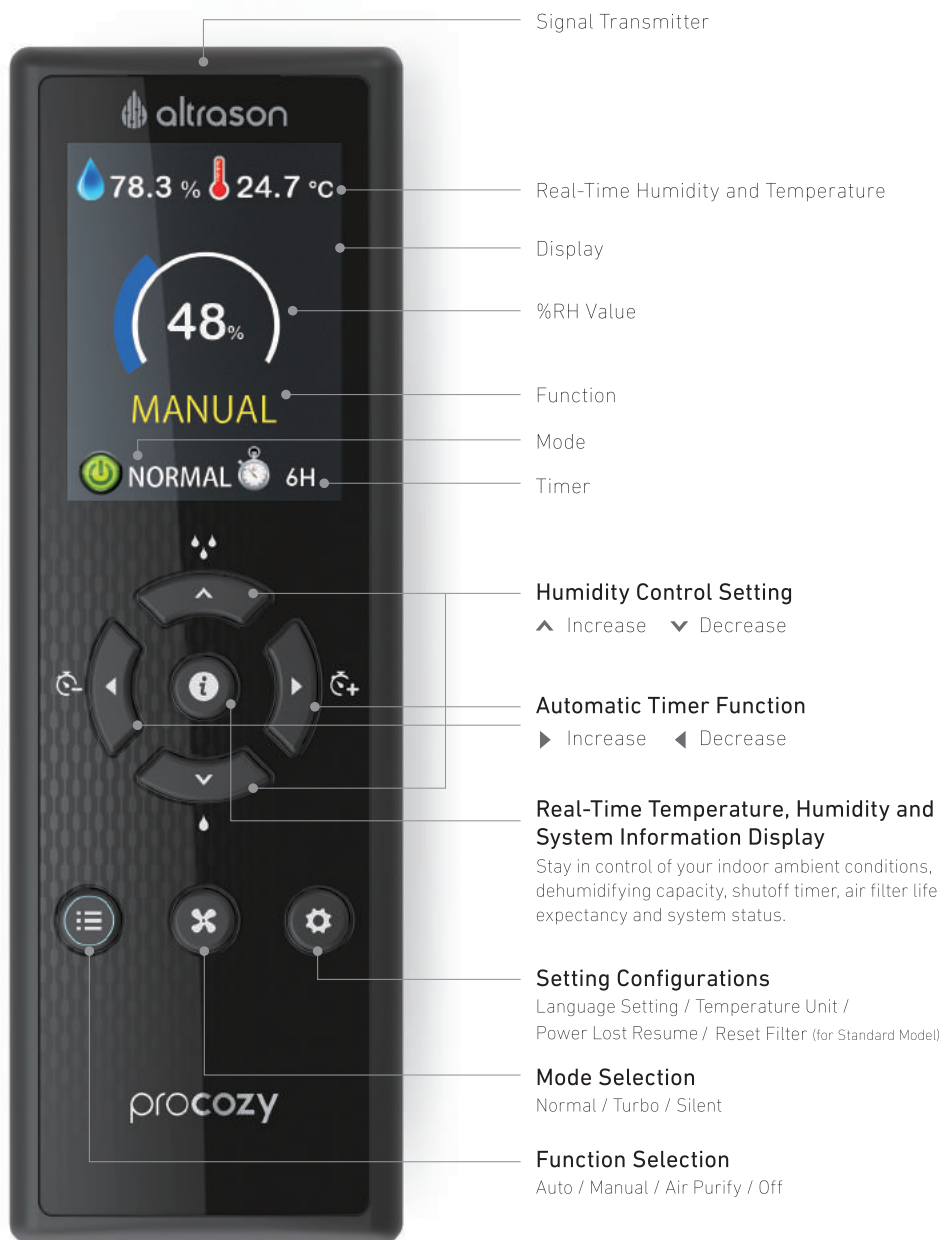
ProCozy® Concealed Type



ProCozy® Grille Type

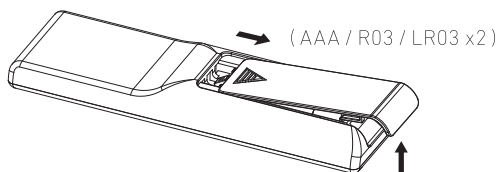


ProCozy® Exclusive Intelligent Remote Control

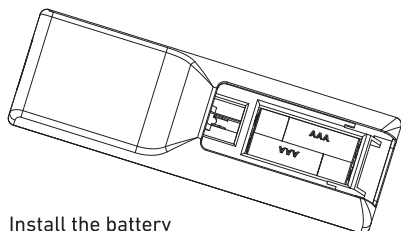


Preparing to Operate the Dehumidifier

1 Battery Installation

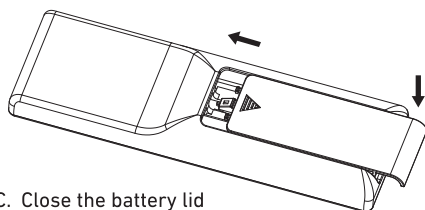


- A. Press down lightly and slide backward to open the battery lid



- B. Install the battery

Please install batteries in the correct direction according to polarity (+/−).



- C. Close the battery lid

2 Using the Remote Control

1. To ensure proper operation, it is essential to point the remote control at the infrared receiver.
2. The maximum signal transmission for remote control is around 15 meters. The effective operating range may vary depending on the angle, obstacles, and battery condition.
3. Signal transmission: Normally there will be a "beeping" sound when the unit receives a signal. If you do not hear the beep, please press the button on the remote control again.
4. The remote control's smart power-saving function automatically enters standby mode after about 15 seconds of inactivity and wakes up when it is picked up.

! WARNING

- Choking Hazard – batteries not for children under 3 years. Do not let children ingest the battery.
- Please remove the battery from the remote control when not in use for a long period of time.
- Possible battery electrolyte leakage can damage the device. If any leaked battery electrolyte comes into contact with the skin, eyes, mouth, or nose, thoroughly flush with water immediately and seek medical attention as soon as possible.
- Exhausted batteries should be removed and recycled.
- Please do not attempt to charge the battery.
- Please do not mix batteries of different brands or types.

3 Indicator Lights

For consistency between the remote control display and machine operation, all remote control display input is instantaneously transmitted to the unit. The indicator lights display different colors depending on the menu items and selections made.

Light	Status
○ None	Off
● Red	Malfunction
● Green	Auto
● Yellow	Manual
● Purple	Air Purify
● Blue	Standby
White light flashes intermittently	Air Filter Change

Function Selection

OFF

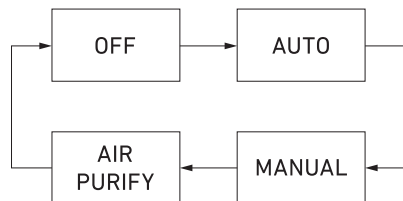


Display

1

Press the Function button to select OFF

Each press will change the function in the following order:



- When the unit receives a shutdown signal, you will hear a long “beeping” sound. If you do not hear the beep, please press the Function button repeatedly until you reach OFF.
- For consistency between the remote control display and the unit’s operation, all remote control inputs are instantaneously transmitted to the unit when making function selections. The indicator light turns off when the unit is shut down. Please confirm that the indicator light is the correct color.

AUTO



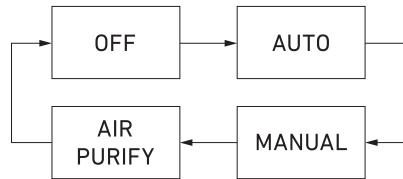
Current Function Display

Current Mode Display

1

Press the Function button to select **AUTO** function

Each press will change the function in the following order:



2

Press Mode button to change the mode

Each press will change the mode in the following order:



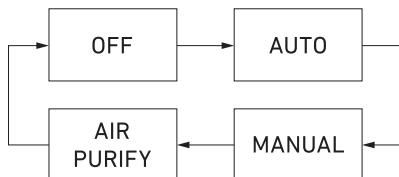
- When in AUTO function, the unit automatically calculates the most appropriate humidity setting according to the ambient temperature and humidity.
- The unit automatically enters standby power-saving mode when the ambient humidity matches the automatic humidity setting.
- When in AUTO function, the air filter operates as well to purify air.
- If desired, users can select MANUAL function to customize humidity level.
- The operation mode can be adjusted to NORMAL, TURBO, or SILENT mode according to user needs.
- Select SILENT mode for quieter machine operation. Fan speed will be reduced.
- For consistency between the remote control display and the unit's operation, all remote control inputs are instantaneously transmitted to the unit when making function selections. A green indicator light indicates AUTO humidity control. Please confirm that the color of the indicator light on the infrared receiver matches the display.

MANUAL

1

Press the Function button to select **MANUAL** function

Each press will change the function in the following order:



Current Function Display

Current Mode Display

3

Press **^ v** button to adjust the humidity level

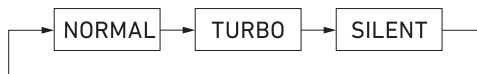
Each press will increase or decrease by one percent. Pressing and holding the button will cause the humidity level to automatically increase or decrease in one-percent increments.

Standard Model : 40%RH ~ 70%RH
Professional Model : 30%RH ~ 70%RH
Industrial Model : 10%RH ~ 70%RH
Specialized Model : ≤1%RH ~ 70%RH

2

Press Mode button to change the mode

Each press will change the mode in the following order:



- When in MANUAL function, users can customize humidity level.
- The unit automatically enters standby power-saving mode when the ambient humidity matches the pre-determined humidity setting.
- The operation mode can be adjusted to NORMAL, TURBO, or SILENT mode according to user needs.
- Select SILENT mode for quieter machine operation. Fan speed will be reduced.
- For consistency between the remote control display and the unit's operation, all remote control inputs are instantaneously transmitted to the unit. A yellow indicator light indicates MANUAL humidity control. Please confirm that the color of the indicator light on the infrared receiver matches the display.

AIR PURIFY



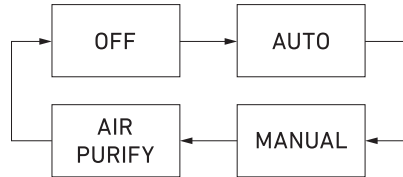
Current Function Display

Current Mode Display

1

Press the Function button to select **AIR PURIFY** function

Each press will change the function in the following order:



2

Press Mode button to change the mode

Each press will change the mode in the following order:



- The dehumidification function will not activate when AIR PURIFY is selected.
- The operation mode can be adjusted to NORMAL, TURBO, or SILENT mode according to user needs.
- Select SILENT mode for quieter machine operation. Fan speed will be reduced.
- For consistency between the remote control display and the unit's operation, all remote control inputs are instantaneously transmitted to the unit. A purple indicator light indicates AIR PURIFY function is in operation; please confirm that the color of the indicator light on the infrared receiver matches the display.

Timer Settings



Timer Display

Press the Timer button to set an automatic shutdown time

Shutdown time can be set to 1-24 hours in one-hour increments. Pressing the button a single time will add or subtract one hour. Pressing and holding the button will cause the time to increase or decrease in successive one-hour increments.

- Using the decrease button to return the timer to zero will cancel the timer function.
- Switching functions in the midst of setting the timer will reset the (countdown) timer setting.
- To stop the unit during timer operation, switch the function to off.
- Each setup only works for one round of operation. The timer must be reset each time a function is selected.

COZY ZONE & Real-Time Info Inquiry

Signal Transmitter

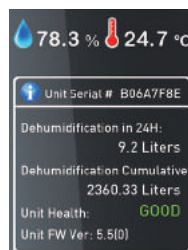
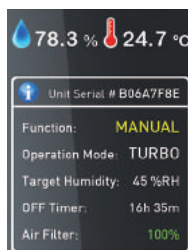


1 Short Pressing Real-Time Info button

Short pressing Real-Time Info button once directs to COZY ZONE page.

Long Pressing Real-Time Info button

Pointing the remote control transmitter at the infrared receiver, pressing and holding Real-Time Info button for two seconds directs to a double-page data display.



2 Scroll up and down with the ^ v buttons to navigate the pages

- Lightly pressing on Real-Time Info button for one second will cause the information page to display current ambient conditions. COZY ZONE displays the most comfortable range of temperature and humidity for the human body. Press Real-Time Info button once again to exit COZY ZONE info.
- Point the remote control transmitter at the infrared receiver and press the Real-Time Info button once to make the remote control start infrared transmission to the unit. Press for two seconds to display the real-time data. Use the **^ v** buttons to navigate the page, and press the Real-Time Info button once again to exit the data display.
- The number shown at the top of the display is the unit serial number. Page 1 shows the unit's current function, operation mode, target humidity, shutoff timer, and air filter life expectancy.
- Page 2 shows the amount of water displacement from the air in the past 24 hours, the accumulated amount of water displacement, and system status (i.e. unit health).
- If the indicator light flashes red, use the remote control for troubleshooting. Error codes can be obtained on page two of the Unit Health menu item. Please turn off power after confirming the error codes and either contact the reseller or our company for assistance.

Setting Configurations



Chinese/ English/ Japanese/ Korean

Celsius/ Fahrenheit

Yes/ No

Yes/ No

2 Press **▲ ▼** buttons to select Language, Temperature Unit, Power Lost Resume and Reset Filter.

3 Press **◀ ▶** buttons to change the setting of Language, Temperature Unit, Power Lost Resume and Reset Filter.

1 Press Setting Configurations button to configure Language, Temperature Unit, Power Lost Resume or Reset Filter.

※ Reset Filter applies to Standard Model only.

- When pressing Setting Configurations button, use **▲ ▼** to scroll to Language option, and press **◀ ▶** to select display language in Chinese, English, Japanese, Korean.
- When pressing Setting Configurations button, use **▲ ▼** to scroll to Temperature Unit, and press **◀ ▶** to select temperature unit in Celsius or Fahrenheit.
- When pressing Setting Configurations, use **▲ ▼** to scroll to Power Lost Resume, and press **◀ ▶** to select Yes or No. This function restores the mode of operation in use prior to a power outage once the power has been restored
- **(For Standard Model only)** After a new air filter is replaced, pressing Setting Configurations button, use **▲ ▼** to scroll to Reset Filter option, and press **◀ ▶** to select Yes. After a beep, LED will stop flashing white intermitten light and revert back to a solid color corresponding to the status.
- Press Setting Configuration button again to exit the configuration page.

ProCozy® Exclusive Wall Panel (Optional)



Function Selection

AUTO
MANUAL
AIR PURIFY



Mode Selection

NORMAL
TURBO
SILENT



Setting Configurations

Language Setting
Temperature Unit
Power Lost Resume
Reset Filter
(for Standard Model)



Real-Time Info

Stay in control of your indoor
ambient conditions,
dehumidifying capacity,
shutoff timer, air filter life expectancy
and system status



COZY ZONE



ON / OFF

Notice for Use:

- 1. Do not put excessive stress, make scratches or puncture on the panel.
- 2. Do not use metallic materials, such as ballpoint pen, to come into contact with the panel.
- 3. Do not touch the panel with insulation, such as gloves.

During Operation:

- 1. The wall panel provides smart power-saving feature. It automatically enters standby mode after about 40 seconds of inactivity. It wakes up automatically when any button is pressed.
- 2. The wall panel provides smart button selection feature. Each press on the button automatically displays operable buttons for selection. Please follow the button instructions and operate.

Light	Status
○ None	Off
● Red	Malfunction
● Green	Auto
● Yellow	Manual
● Purple	Air Purify
● Blue	Standby
White light flashes intermittently	Air Filter Change

Function Selection

OFF



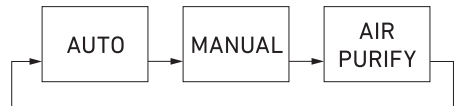
- Press the power button to turn off the unit. The indicator light turns off when the unit is shut down.
- Press the power button once again to turn on the unit when needed.

AUTO



1 Press the Function button to select **AUTO** function

Each press will change the function in the following order:



2 Press Mode button to change the mode

Each press will change the mode in the following order:



- When in AUTO function, the unit automatically calculates the most appropriate humidity setting according to the ambient temperature and humidity.
- The unit automatically enters standby power-saving mode when the ambient humidity matches the automatic humidity setting.
- When in AUTO function, the air filter operates as well to purify air.
- If desired, users can select MANUAL function to customize humidity level.
- The operation mode can be adjusted to NORMAL, TURBO, or SILENT mode according to user needs.
- Select SILENT mode for quieter machine operation. Fan speed will be reduced.
- The panel automatically displays operable buttons for selection. Please follow the button instructions and operate.
- Pressing COZY ZONE button displays current ambient conditions. COZY ZONE displays the most comfortable range of temperature and humidity for the human body.

MANUAL



1 Press the Function button to select **MANUAL** function

Each press will change the function in the following order:



2 Press Mode button to change the mode

Each press will change the mode in the following order:



3 Press ^ v button to adjust the humidity level

Each press will increase or decrease by one percent. Pressing and holding the button will cause the humidity level to automatically increase or decrease in one-percent increments.

Standard Model : 40%RH ~ 70%RH
 Professional Model : 30%RH ~ 70%RH
 Industrial Model : 10%RH ~ 70%RH
 Specialized Model : ≤1%RH ~ 70%RH

- When in MANUAL function, users can customize humidity level.
- The unit automatically enters standby power-saving mode when the ambient humidity matches the pre-determined humidity setting.
- When in MANUAL function, the air filter operates as well to purify air.
- The operation mode can be adjusted to NORMAL, TURBO, or SILENT mode according to user needs.
- Select SILENT mode for quieter machine operation. Fan speed will be reduced.
- The panel automatically displays operable buttons for selection. Please follow the button instructions and operate.
- Pressing COZY ZONE button displays current ambient conditions. COZY ZONE displays the most comfortable range of temperature and humidity for the human body.

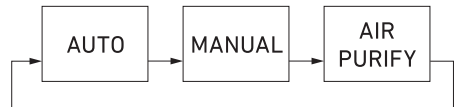
AIR PURIFY



1

Press the Function button to select **AIR PURIFY** function

Each press will change the function in the following order:



2

Press Mode button to change the mode

Each press will change the mode in the following order:



- The dehumidification function will not activate when AIR PURIFY is selected.
- The operation mode can be adjusted to NORMAL, TURBO, or SILENT mode according to user needs.
- Select SILENT mode for quieter machine operation. Fan speed will be reduced.
- The panel automatically displays operable buttons for selection. Please follow the button instructions and operate.
- Pressing COZY ZONE button displays current ambient conditions. COZY ZONE displays the most comfortable range of temperature and humidity for the human body.

Timer Settings



Timer Display

Press the Timer button to set an automatic shutdown time

Shutdown time can be set to 1-24 hours in one-hour increments. Pressing the button a single time will add or subtract one hour. Pressing and holding the button will cause the time to increase or decrease in successive one-hour increments.

- Using the decrease button to return the timer to zero will cancel the timer function.
- Switching functions in the midst of setting the timer will reset the (countdown) timer setting.
- To stop the unit during timer operation, press the power button to turn off the unit.
- Each setup only works for one round of operation. The timer must be reset each time a function is selected.

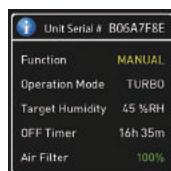
COZY ZONE & Real-Time Info Inquiry



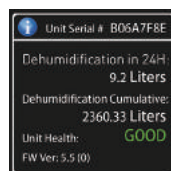
Press COZY ZONE to display current ambient conditions.



Press ^ v button to navigate the pages.



[Page 1]



[Page 2]

- Press COZY ZONE button to display current ambient conditions. COZY ZONE displays the most comfortable range of temperature and humidity for the human body. Press COZY ZONE button once again to exit COZY ZONE info.
- Press Real-Time Info button and then use ^ v button to navigate the pages to obtain real-time data. Press Real-Time Info button once again to exit the data display.
- The number shown at the top of the display is the unit serial number. Page 1 shows the unit's current function, operation mode, target humidity, shutoff timer, and air filter life expectancy.
- Page 2 shows the amount of water displacement from the air in the past 24 hours, the accumulated amount of water displacement, and system status (i.e. unit health).
- If the indicator light flashes red, error codes can be obtained on page two of the Unit Health menu item. Please turn off power after confirming the error codes and either contact the reseller or our company for assistance.

Setting Configurations



- 1 Press Setting Configurations button to configure Language, Temperature Unit, Power Lost Resume or Reset Filter.
- 2 Press **▲ ▼** buttons to select Language, Temperature Unit, Power Lost Resume and Reset Filter.
- 3 Press **◀ ▶** buttons to change the setting of Language, Temperature Unit, Power Lost Resume and Reset Filter.

※ Reset Filter applies to Standard Model only.

- When pressing Setting Configurations button, use **▲ ▼** to scroll to Language option, and press **◀ ▶** to select display language in Chinese, English, Japanese, or Korean.
- When pressing Setting Configurations button, use **▲ ▼** to scroll to Temperature Unit, and press **◀ ▶** to select temperature unit in Celsius or Fahrenheit.
- When pressing Setting Configurations, use **▲ ▼** to scroll to Power Lost Resume, and press **◀ ▶** to select Yes or No. This function restores the mode of operation in use prior to a power outage once the power has been restored.
- **(For Standard Model only)** After a new air filter is replaced, pressing Setting Configurations button, use **▲ ▼** to scroll to Reset Filter option, and press **◀ ▶** to select Yes. The LED will then stop flashing white intermitten light and revert back to a solid color corresponding to the status.
- Press Setting Configuration button again to exit the configuration page.

Cleaning and Maintenance



● Checking the remote control

- Replace the battery as soon as possible when the reminder is displayed on the screen.
- Remove the battery from the remote control when not in use for a long period of time.

● Battery replacement reminder

● Cleaning the air filter

- When the air filter replacement reminder is displayed on the screen, please contact the dealer to replace it or buy a new air filter from the dealer for replacement.
- A dirty air filter will reduce airflow and operational efficiency, and increase noise.

● Air filter replacement reminder

- In the Standard Model, please refer to the previous page on how to reset the filter timer after replacement.



CAUTION

Do not conduct inspections before the unit's shutdown and disconnection from the power source, and the electrical circuit breaker switched off. Any contact with the unit's rapidly spinning fan blades may result in personal injury.

- Please find certified technical support to conduct maintenance to prevent the unit from malfunctioning.
- Air filter will clog over time, reducing the overall efficiency. Please replace the air filter when reminder alerts.

Troubleshooting

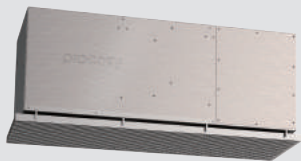
If any of the following problems is observed, stop using the product immediately and contact authorized maintenance personnel. Turning off the power to the machine does not completely cut the power source.

Turn off the circuit breaker to ensure that the power source is completely disconnected.

Please perform the following inspections before requesting maintenance and repair services:

Problem	Possible Cause	Action
The Unit does not operate	Is the unit powered?	Please check that the circuit breaker and power cables are connected.
	Is the infrared receiver installed properly?	Please check if the indicator signal is normal.
The Unit does not turn off	Cooling operation continues when the heater stops operating.	Not a malfunction.
Vibrations	Is the grill properly installed?	Please install securely.
	Are the screws loose?	Please fasten screws tightly.
No warm air; heater shuts down during operation	Power to the heater has been disconnected to prevent a rise in temperature.	Not a malfunction if heater restarts after a few minutes.
Noise occurs when switching between functions	This is the action sound for switching functions.	Not a malfunction.
Inability to receive signals	Have the batteries run out?	Please replace the batteries.
	Have the batteries been installed in the wrong direction?	Please install the batteries correctly.
Sound of water trickling	Does the sound occur for a short duration?	The pump motor continues for about 30 seconds.
A red indicator light is flashing	There may be a malfunction within the unit.	Please use the remote control or wall panel to obtain the unit status error code and contact the dealer or our company for assistance.
Inability to reduce indoor humidity	Is the space too big?	The recommended area for the unit is about 66 square meters.
	Are doors or windows often opened and closed?	Please close the doors and windows.
The unit releases an odor	Is this the first time use?	For the first time use, an odor, such as plastic smell, desiccant smell (zeolite), may be detected from the air outlet. It may disappear after a period of time.
	Is there anything else releasing odors in the room?	Please check if there has new furniture, hair spray or gel, hair care products, cosmetics, chemical products or newly decorated wallpapers, etc. Good air circulation may improve indoor air quality. Or operate the unit at Manual mode, set the humidity at 40%RH with normal fan speed for 24 hours may reduce the odor.

Specification



(Grilles not included)



(Air duct type)

	Grille Type	Concealed Type			
Dehumidifying Method	Desiccant Rotor	Desiccant Rotor			
Capacity 20℃ / 80%RH 20℃ / 40%RH	Standard 10L / Day 9L / Day	Standard 10L / Day 9L / Day	Professional 10L / Day 9L / Day	Industrial 14L / Day 12.6L / Day	Specialized 14L / Day 12.6L / Day
Maximum Air Flow	350 [m³/h]	350 [m³/h]	350 [m³/h]	380 [m³/h]	380 [m³/h]
Operation Parameter Room Temperature Relative Humidity	1℃ ~ 40℃ 40% ~ 70%RH	1℃ ~ 40℃ 40% ~ 70%RH	1℃ ~ 40℃ 30% ~ 70%RH	1℃ ~ 40℃ 10% ~ 70%RH	1℃ ~ 40℃ ≤1% ~ 70%RH
Applied Votage [AC]	220V/50-60Hz 110V/50-60Hz				
Maximum Power Consumption	0.85 kW	0.85 kW	0.85 kW	0.95 kW	0.95 kW
Typical Operating Decibel	40 [dB]	40 [dB]	40 [dB]	40 [dB]	40 [dB]
Silent Mode	46 [kB]	46 [kB]	46 [kB]	47 [kB]	47 [kB]
Normal Mode	52 [dB]	52 [dB]	52 [dB]	53 [dB]	53 [dB]
Turbo Mode	42 [dB]	42 [dB]	42 [dB]	42 [dB]	42 [dB]
Water Pump Running					
Filter	MERV 11, MERV 13, Activated Carbon+MERV 11				
Dimension [mm]	L800 x W347 x H303	L615 x W347 x H303			
Unit Weight	19 [kg]	17 [kg]			



ALTRASON INC.

6F., No.189, Legun 2nd Rd.,
Zhongshan Dist., Taipei City 10462, Taiwan

Phone : +886-2-8502-3818

E-mail: sales@altrason.com

www.altrason.com