



DENALI AIRE®

OWNER'S MANUAL

REMOTE CONTROL



MODELS: DNMSHQC09A, DNMSHQC12A, DNMSHQC18, DNMSHQC24, DNMSHQC36-2



IMPORTANT NOTE:

Read the manual carefully. Make sure to save this manual for future reference. Illustrations in this manual are for explanatory purposes only, your actual product may look slightly different.



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REMOTE CONTROL

The remote control transmits signals to the system.

TEMP + -

Used to adjust the set temperature and the timer, also real time.

NOTE: Press **-** and **MODE** at same time to toggle between °C to °F.

SWING

Adjust vertical (up/down) air flow.

MODE

Press this button to select the operation mode.

FAN / LOCK

Used to select fan speed in sequence: auto, higher, high, medium, low and lower. Press this button for about 5 seconds to start Lock mode. Press this button for about 5 seconds once again to stop it.

QUIET

Used to set or cancel Quiet Mode operation.

TIMER ON / CLOCK

Used to set or cancel the timer operation.
Used to set the current time.

8°C HEAT

Used to start or stop 8°C Heat Mode.

CLEAN (Not available)

Used to set the Clean operation.

POWER

The appliance will be started when it is energized or will be stopped when it is in operation, if you press this button.

SWING

Adjust horizontal (left/right) air flow.

AI SMART

Used to enter Artificial Intelligence Smart Running Mode.

SUPER

Used to start or stop the fast cooling/heating. (Fast cooling operates at high fan speed with 61°F/16°C set temp automatically; Fast heating operates at auto fan speed with 86°F/30°C set temp automatically.)

iFEEL

Used to set or cancel iFeel Mode. In iFeel mode, the air conditioner operates basis temperature sensor fitted in remote instead of machine. When using iFeel you should place the remote control where it will receive the signal easily.

SLEEP / DIMMER

Used to set or cancel Sleep Mode operation. Press this button for about 5 seconds to start Dimmer mode, press this button for about 5 seconds once again to stop it.

ECO

Used to set or cancel Economy Mode operation.

TIMER OFF

Used to set or cancel the Timer operation.

❄ Cooling indicator

💧 Dry indicator

🌀 Fan only indicator

🔥 8°C Heating indicator

☀ Heating indicator

🌙 Sleep 1 indicator

🌙 Sleep 2 indicator

🌙 Sleep 3 indicator

🌙 Sleep 4 indicator

AUTO

Auto fan speed

Higher fan speed

High fan speed

Medium fan speed

Low fan speed

Lower fan speed

🧘 Quiet indicator

🌿 Economy indicator

AI SMART indicator

Super indicator

iFeel indicator

88°C Display temperature

📶 Signal transmit

🔒 Lock

👁 Wisdom eye indicator

🌀 Airflow Follow You indicator

🌀 Airflow Avoid You indicator

🌀 Airflow left & right indicator

🌀 Airflow up & down indicator

🧹 Indoor clean indicator

🧹 Outdoor clean indicator

🏠 Fresh indicator

🛡 HI-NANO indicator

88:88 Off Display set timer

88:88 Off Display current time

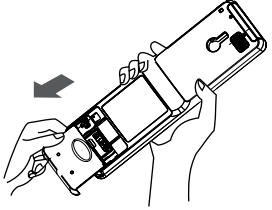
NOTE: Each mode and relevant function will be further specified in following pages.

REMOTE CONTROL

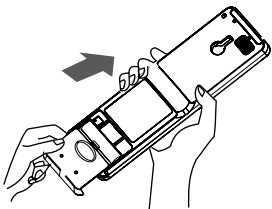
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HOW TO INSERT THE BATTERIES

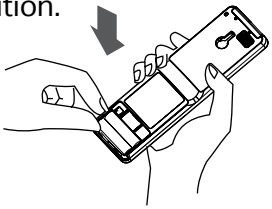
- 1 Remove the battery cover according to the arrow direction.



- 2 Insert new batteries making sure that the (+) and (-) of battery are matched correctly.



- 3 Reattach the cover by sliding it back into position.



NOTE: Use 2 LR03 AAA (1.5volt) batteries. Do not use rechargeable batteries. Replace batteries with new ones of the same type when the display becomes dim.

TIPS & REGULATIONS FOR USING REMOTE CONTROL

To operate the room air conditioner, aim the remote control to the signal receptor. The remote control will operate the air conditioner at a distance of up to 21ft/7m when pointing at signal receptor of indoor unit.

CAUTION

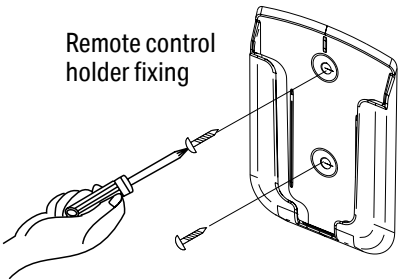
For appropriate signal transmission between remote control and indoor unit, keep the signal receiver away from the following items:

- Direct sunlight or other strong lights or heat
- Flat panel television screen or other electrical appliances that react to the remote control

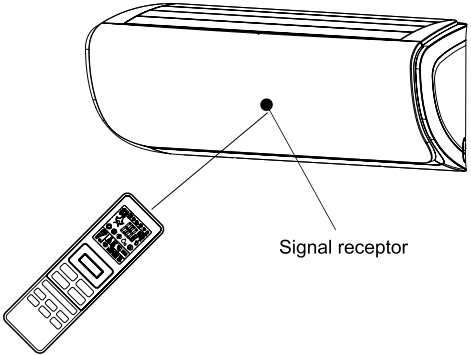
Additionally, the air conditioner will not operate if curtains, doors or other materials block the signals from the remote control to the indoor unit. If the signal may not be transmitted properly, either move these materials or consult your local dealer.

STORAGE AND TIPS FOR USING THE REMOTE CONTROL

The remote control may be stored mounted on a wall with a holder.



Remote control mounting



OPERATION INSTRUCTIONS

OPERATION MODES

TURNING ON

Press  button.

Result: The RUN indicator of the indoor unit lights up.



- Changing modes during operation, sometimes the unit does not respond at once. Wait 3 minutes.
- During heating operation, airflow is not discharged at the beginning. After 2-5 minutes, the airflow will be discharged until temperature of indoor heat exchanger rises.
- Wait 3 minutes before restarting the appliance.

SETTING TEMPERATURE

Press "+" button once

Result: Raise temperature setting by 1°F/1°C

Press "-" button once

Result: Raise temperature setting by 1°F/1°C



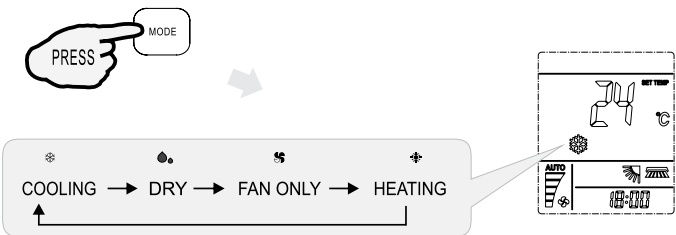
| ⚠ RANGE OF AVAILABLE SET TEMPERATURE | |
|--------------------------------------|---------------------|
| HEATING, COOLING | 61°F-86°F/16°C~30°C |
| DRY | -7 ~ 7 |
| FAN ONLY | unable to set |

NOTE: Dry Mode can be increased or decreased 7° (in 1°F/1°C intervals) to keep the room at a comfortable temperature.


SELECTING MODE

Press  button one by one

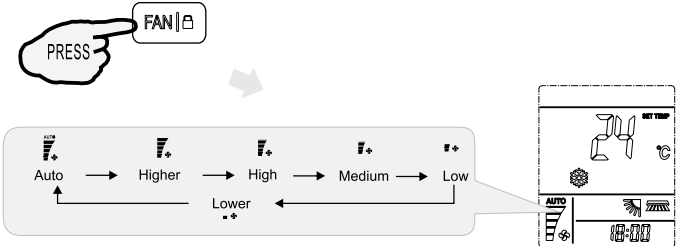
Result: The operation modes changed in sequence:



FAN MODE

Press  button one by one

Result: The fan speed is changed in sequence:



⚠ When in "Fan Only" mode, the "Auto" mode is not available.

⚠ When in "Dry Mode", the fan speed is automatically set to "Auto". "Fan Speed" is ineffective in this case.

SWING, SMART, CLOCK, SUPER, TIMER, QUIET, LOCK, ECONOMY, iFEEL, DIMMER, 8°C HEAT, and SLEEP operation modes will be specified on the following pages.

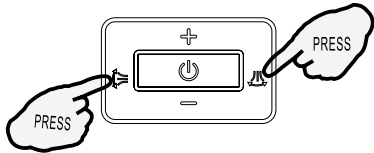
OPERATION INSTRUCTIONS

(Continued)

AIRFLOW DIRECTION CONTROL

Vertical airflow (horizontal airflow) is automatically adjusted to a certain angle in accordance with the operation mode after turning on the unit.


| OPERATION MODE | DIRECTION OF AIRFLOW |
|-------------------|----------------------|
| Cooling, Dry | Horizontal |
| Heating, Fan Only | Downward |



The direction of airflow can be also adjusted to your own requirement by pressing the "⇨ ⇩" buttons of the remote control.


VERTICAL AIRFLOW CONTROL (WITH THE REMOTE CONTROL)

Use the remote control to set various or specific angles of flow.

Press  button once.

Result: The vertical adjustment louver will swing up and down automatically.




Press  button again.

Result: The louvers swing to a suitable angle as desired.




HORIZONTAL AIRFLOW CONTROL (WITH THE REMOTE CONTROL)

Use the remote control to set various or specific angles of flow.

Press  button once.

Result: The horizontal adjustment louver will swing left and right automatically.



Press  button again.

Result: The louvers swing to a suitable angle as desired.



A Do not turn the vertical adjustment louvers manually, otherwise malfunction may occur. If that happens, turn off the unit first and cut off the power supply. Wait three minutes to allow compressor to fully stop, then restore power supply.

B To prevent condensed water from dripping from indoor unit, do not use downward tilted louver position for long periods of time.

AI SMART MODE

HOW TO SET AI SMART MODE

Press the  button.

Result: Enters AI SMART mode

When in AI SMART mode, you can press the "+" and "-" button to change the temperature setting (setting range is -7°C to 7°F).

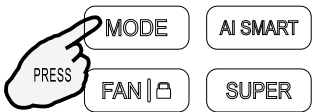


NOTE: "SUPER" mode and "ECONOMY" mode are not available.

HOW TO CANCEL THE AI SMART MODE


Press the  button.

Result: The AI SMART mode will be canceled.

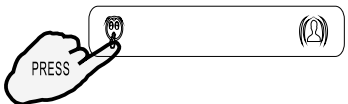


QUIET MODE

In this mode, system will run the fan and compressor on a lower frequency for a quieter performance.

Press  button once to start QUIET mode.

Result: The Quiet indicator appears on the display



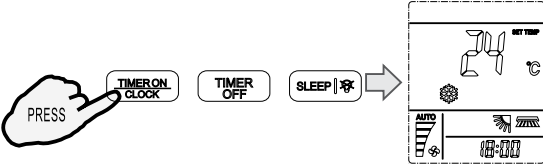
NOTE: Press QUIET MODE, FAN SPEED, SMART, SUPER or ON/OFF button to cancel QUIET mode.

CLOCK BUTTON

HOW TO ADJUST THE REAL TIME

- 1 Press the CLOCK button for about 5 seconds.

Result: The time flashes on the LCD.



- 2 Press "+" and "-" buttons.

Result: Press for 1 second to increase or decrease the timer in 1 minute intervals.

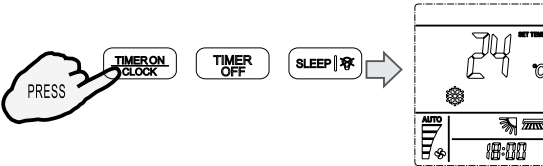
Hold for 1.5 seconds to increase or decrease the timer in 10 minute intervals.

Hold for about 2 seconds to increase or decrease the timer in 1 hour intervals.



- 3 Press the CLOCK button once again.

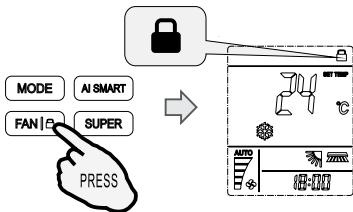
Result: The real time is set.



LOCK MODE

Press **FAN|a** button for about 5 seconds to start LOCK mode. The lock indicator appears on the display.

Press **FAN|a** button for about 5 seconds once again to stop LOCK mode. The lock indicator disappears.



SUPER MODE

SUPER mode is used to start or stop fast cooling or heating, but only when the unit is on.

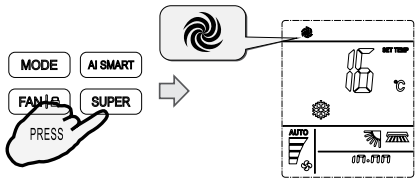
SUPER mode can be set when the appliance is in operation or energized.

In SUPER mode, you can set temperature, airflow direction or timer.

HOW TO SET SUPER MODE

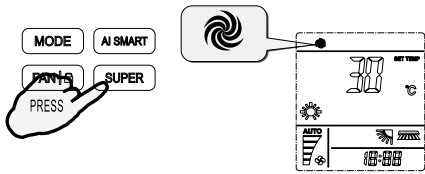
Press **SUPER** button at the cool, dry and fan only mode.

Result: At high fan speed, the set temperature automatically to 61°F/16°C.



Press **SUPER** button in Heat mode.

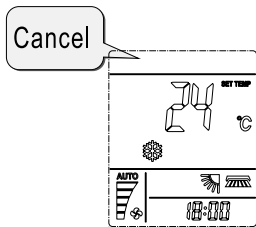
Result: In Auto Fan speed, the temperature is automatically set to 86°F/30°C.



HOW TO CANCEL SUPER MODE

Press SUPER MODE, FAN SPEED, ON/OFF or SLEEP button.

Result: The display will return to the original mode. Escape from SUPER mode.



NOTE: SMART button is not available in SUPER mode. ECONOMY button is ineffective in SUPER mode. The Appliance will continue working in SUPER mode for 15 minutes, if you don't escape from it by pressing any of the buttons mentioned above.

TIMER MODE

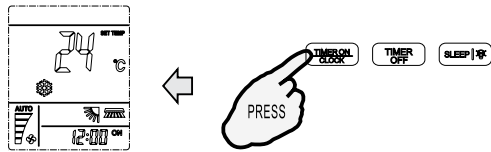
The TIMER MODE can be set to turn the system ON at a set time, then turn OFF at a set time within the same 24 hour interval.

TIMER ON and TIMER OFF functions can also be used independently.

HOW TO SET TIMER ON

- 1 Press **TIMER ON** button.

Result: "12:00 ON" flashes on the LCD.



- 2 Press "+" and "-" buttons.

Result: Press for 1 second to increase or decrease the timer in 1 minute intervals.

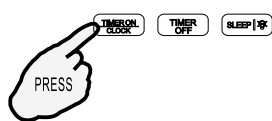
Hold for 1.5 seconds to increase or decrease the timer in 10 minute intervals.

Hold for about 2 seconds to increase or decrease the timer in 1 hour intervals.



- 3 When your desired time is displayed on LCD, press the ON TIMER button and confirm it.

Result: "ON" stops flashing - the TIMER indicator on the indoor unit lights up (invalid for multi system).

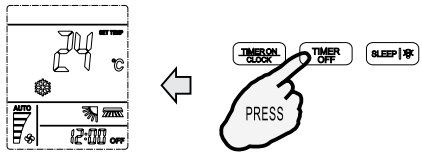


- 4 After the set timer displayed for 5 seconds the clock will be displayed on the LCD of the remote control instead of set timer.

HOW TO SET TIMER OFF

- 1 Press **TIMER OFF** button.

Result: "12:00 OFF" flashes on the LCD.



- 2 Press "+" and "-" buttons.

Result: Press for 1 second to increase or decrease the timer in 1 minute intervals.

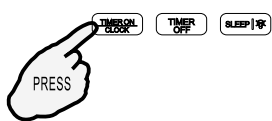
Hold for 1.5 seconds to increase or decrease the timer in 10 minute intervals.

Hold for about 2 seconds to increase or decrease the timer in 1 hour intervals.



- 3 When your desired time is displayed on LCD, press the OFF TIMER button and confirm it.

Result: "OFF" stops flashing - the TIMER indicator on the indoor unit lights up (invalid for multi system).

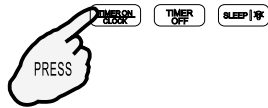


- 4 After the set timer displayed for 5 seconds the clock will be displayed on the LCD of the remote control instead of set timer.

HOW TO CANCEL TIMER ON

Press **TIMER ON** button.

Result: "ON" indicator disappears - the time on mode has been canceled.



NOTE: It is similar to set TIMER OFF, you can make the appliance switch off automatically at your desired time.

iFEEL MODE

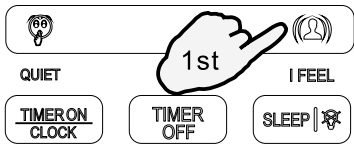
iFEEL mode can read the current room ambient temperature by using a sensor built into the remote control. The system will automatically adjust to keep all areas of the room at the same temperature.

NOTE: iFEEL mode function works best if the remote control is placed on the opposite side of the room as the indoor unit and out of direct airflow.

NOTE: Remote must still be within an unblocked 21ft/7m signal receiving range to communicate with indoor unit.

HOW TO SET iFEEL MODE

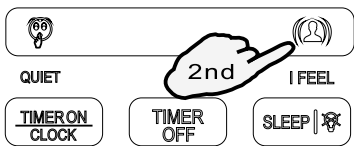
Press the **iFeel** button once.
Result: The transmit signal in the display will appear, the iFeel function will be started.



NOTE: The default setting is iFeel inactive.

HOW TO CANCEL iFEEL MODE

Press the **iFeel** button once.
Result: iFeel function will be shut off.

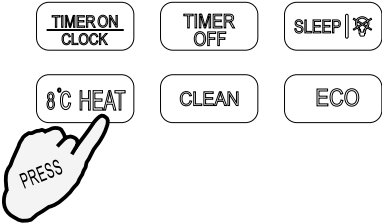


8°C HEAT MODE

HOW TO SET THE 8°C HEATING

Press the **8°C HEAT** button at the heating mode.
In **8°C HEAT** mode, the fan speed is set at "AUTO" automatically.

The **8°C HEAT** mode will be started when you press **8°C HEAT** button at the heating mode.
If you press any button except for iFEEL, TIMER ON, TIMER OFF, CLOCK, SWING and AIRFLOW FOLLOW/AVOID YOU buttons, you can escape from 8°C HEAT mode. Then the display will disappear and the 8°C HEATING mode will be cancelled.



NOTE: In 8°C HEATING mode, the default temperature is set 46°F/8°C.
8°C HEATING mode can be set only when the air conditioner works in the heating mode.

NOTE: 8°C HEATING mode can be used to help keep areas that do not need to be fully heated above freezing temperatures.

DIMMER BUTTON

Press the button for about 5 seconds to turn off the light and the display in the unit.



NOTE: When the display light is set to off, a received signal from remote will turn the light back on.

ECO MODE

In this mode, air conditioner will run the fan and compressor on lowest frequency to save energy.
Press ECO button for about 3 seconds to start ECO mode.

Result: The indicator appears on the display. Fan speed will be auto set to low.

- ECONOMY** button is ineffective in SUPER and AI SMART mode.
- Press ON/OFF MODE, TEMP +, TEMP -, FAN SPEED, SLEEP, QUIET or ECO button to cancel ECO Mode.
- Pressing ECO button for 1 second turns on HI-NANO indicator, this feature is not available.

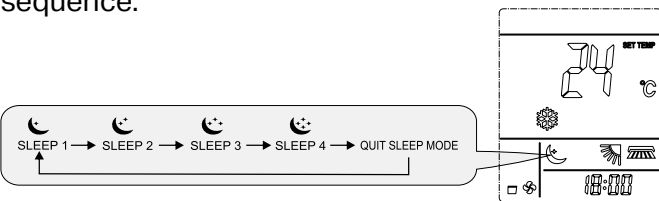
SLEEP MODE

SLEEP mode can be set in **COOLING, HEATING** or **DRYING** mode.
This function gives you a more comfortable environment for sleep.

- The appliance will automatically stop after it has been operating for 8 hours.
- Fan speed is automatically set at low speed.

HOW TO SET SLEEP MODE

Each time button is pressed.
Result: The operation mode is changed in sequence:



SLEEP MODE 1:

Cool Mode: Set temperature will increase 2°F/2°C within the first 2 hours. Temperature will then stay steady until Sleep Mode is finished.
Heat Mode: Set temperature will decrease 2°F/2°C within the first 2 hours. Temperature will then stay steady until Sleep Mode is finished.

SLEEP MODE 2:

Cool Mode: Set temperature will increase 2°F/2°C within the first 2 hours, increase 1°F/1°C after 6 hours, decrease by 1°F/1°C after 7 hours. Temperature will then stay steady until Sleep Mode is finished.
Heat mode: Set temperature will decrease 2°F/2°C after 2 hours, increase 1°F/1°C after 6 hours, increase 1°F/1°C after 7 hours. Temperature will then stay steady until Sleep Mode is finished.

SLEEP MODE 3:

Cool Mode: Set temperature will increase 1°F/1°C after 1 hour, increase by 2°F/2°C after 2 hours, decrease 2°F/2°C after 6 hours, decrease 1°F/1°C after 7 hours. Temperature will then stay steady until Sleep Mode is finished.
Heat mode: Set temperature will decrease 2°F/2°C after 1 hour, decrease by 2°F/2°C after 2 hours, increase 2°F/2°C after 6 hours, increase 1°F/1°C after 7 hours. Temperature will then stay steady until Sleep Mode is finished.

SLEEP MODE 4:

Set temperature will stay steady.
NOTE: Press SUPER, SMART MODE, ON/OFF or FAN SPEED button cancel SLEEP mode.
By pressing "Sleep button" four times, or selecting other modes like SUPER, SMART, or FAN SPEED, you could cancel the sleeping function of those units.



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