NORDYNE, LLC

R-32 Wireless Remote Controller

Owners Manual

19 & 25 SEER2 Minisplits

NOTE:
Actual product may be different from graphics, please refer to actual products.

• Please read the owner's manual carefully before operation and retain for future reference.
• Specifications & illustrations subject to change without notice or incurring obligations.
• If you have lost the owner's manual, please visit www.nordyne.com for electronic version.

Applicable Models Include:

19 SEER2

DHH09ESA3IL
DHH12ESA3IL
DHH09ESK3IL
DHH12ESK3IL
DHH18ESK3IL
DHH24ESK3IL
DHH30ESK3IL
DHH36ESK3IL

25 SEER2

DHH09PUK3IH
DHH12PUK3IH
DHH18PUK3IH
DHH24PUK3IH

To Users

Thank you for selecting Nordyne product. Please read this instruction manual carefully before installing and using the product, so as to master and correctly use the product. In order to guide you to correctly install and use our product and achieve expected operating effect, we hereby instruct as below:

(1) 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.

(2) In order to ensure reliability of product, the product may consume some power under stand-by status for maintaining normal communication of system and preheating refrigerant and lubricant. If the product is not to be used for long, cut off the power supply; please energize and preheat the unit in advance before reusing it.

(3) Please properly select the model according to actual using environment, otherwise it may impact the using convenience.

(4) This product can't be installed at corrosive, inflammable or explosive environment or the place with special requirements, such as kitchen. Otherwise, it will affect the normal operation or shorten the service life of the unit, or even cause fire hazard or serious injury. As for above special places, please adopt special air conditioner with anti-corrosive or anti-explosion function.

(5) If the product needs to be installed, moved or maintained, please contact our designated dealer or local service center for professional support. Users should not disassemble or maintain the unit by themselves, otherwise it may cause relative damage, and our company will bear no responsibilities.

(6) All the illustrations and information in the instruction manual are only for reference. In order to make the product better, we will continuously conduct improvement and innovation. If there is adjustment in the product, please subject to actual product.

Exception Clauses

Manufacturer will bear no responsibilities when personal injury or property loss is caused by the following reasons:

(1) Damage the product due to improper use or misuse of the product.
(2) Alter, change, maintain or use the product with other equipment without abiding by the instruction manual of manufacturer.
(3) After verification, the defect of product is directly caused by corrosive gas.
(4) After verification, defects are due to improper operation during transportation of product.
(5) Operate, repair, maintain the unit without abiding by instruction manual or related regulations.
(6) After verification, the problem or dispute is caused by the quality specification or performance of parts and components that produced by other manufacturers.
(7) The damage is caused by natural calamities, bad using environment or force majeure.

Contents

Operation and introduction of remote controller

▦ 1. Buttons on remote controller

▦ Introduction for icons on display screen

⌒	Quiet
FAN AUTO ▪▪▪▪▪	Set fan speed
⊛	Turbo mode
📶	Send signal
Operation mode △	Auto mode
❄	Cool mode
◌	Dry mode
⅏	Fan mode
☼	Heat mode
⌇	X-FAN function
⊚	Humidity control
🏠 Indoor ambient temp.	
	Indoor ambient humidity
88	Set temperature
ON OFF	TIMER ON / TIMER OFF
⊙ 88:88	Set time
⟰	Left & right swing
⟱	Up & down swing
🔒	Child lock
⊛	Fast cool
WIFI	WiFi function
☀	LED
◌	Auto LED
⌁	I Feel function
☾	Sleep mode
⟁	Two-way ventilation function

1

⊞ 2. Introduction for buttons on remote controller

⊚ On/Off button

Press this button to turn on the unit. Press this button again to turn off the unit.

Mode button

Press this button to select your required operation mode.

AUTO → COOL → DRY → FAN → HEAT

- When selecting auto mode, air conditioner will operate automatically according to the sensed temperature. Press "Fan" button can adjust fan speed. Press " 🌀 " / " 🔉 " button can adjust fan blowing angle.
- After selecting cool mode, air conditioner will operate under cool mode. Press " + " or " - " button to adjust set temperature. Press "Fan" button to adjust fan speed. Press " 🌀 " / " 🔉 " button to adjust fan blowing angle.
- When selecting dry mode, the air conditioner operates at low speed under dry mode. Under dry mode, fan speed can't be adjusted.
Press " 🌀 " / " 🔉 " button to adjust fan blowing angle.
- When selecting fan mode, the air conditioner will only blow fan, no cooling and no heating. Press "Fan" button to adjust fan speed. Press " 🌀 " / " 🔉 " button to adjust fan blowing angle.
- When selecting heat mode, the air conditioner operates under heat mode. Press " + " or " - " button to adjust set temperature. Press "Fan" button to adjust fan speed. Press " 🌀 " / " 🔉 " button to adjust fan blowing angle.

Fan button

This button is used for setting Fan Speed in the sequence that goes from AUTO, 🎧 , ▮ , ▮▮ , ▮▮▮ , ▮▮▮▮ to 🌀 , then back to Auto.

Auto → 🎧 → ▮ → ▮▮ → ▮▮▮ → ▮▮▮▮ → 🌀 →

▮ Low speed ▮▮ Low-Medium speed
▮▮▮ Medium speed ▮▮▮▮ Medium-High speed
▮▮▮▮▮ High speed 🌀 Turbo speed 🎧 Quiet speed

+ / - button

Press " + " or " - " button once increase or decrease set temperature 1℃(℉). Holding " + " or " - " button, 2s later, set temperature on remote controller will change quickly. On releasing button after setting is finished, temperature indicator on indoor unit will change accordingly.

ⓦ Wifi button

Press "Wifi" button to turn on WiFi function, "Wifi" icon will be displayed on the remote controller;
Hold "Wifi" button for 5s to turn off WiFi function and "Wifi" icon will disappear.(This function is only available for some models.)
Under off status, press "Mode" and "Wifi" buttons simultaneously for 1s, WiFi module will restore factory settings.
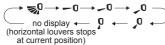
ⓘ I Feel button

Press this button to start I Feel function and " 🕻 " will be displayed on the remote controller. After this function is set, the remote controller will send the detected ambient temperature to the controller and the unit will automatically adjust the indoor temperature according to the detected tempera-ture. Press this button again to close I Feel func-tion and " 🕻 " will disappear.
Please put the remote controller near user when this function is set. Do not put the remote controller near the object of high temperature or low tem-perature in order to avoid detecting inaccurate ambient temperature. When I Feel function is turned on, the remote controller should be put within the area where indoor unit can receive the signal sent by the remote controller.

ⓓ UD-swing button

Press this button can select up & down swing angle. Fan blow angle can be selected circularly as below:

no display
(horizontal louvers stops
at current position)

● When selecting " ≋⁰ ", air conditioner is blowing fan automatically. Horizontal louver will automat-ically swing up & down at maximum angle.
● When selecting "−⁰、⌐⁰、⌐⁰、⌐⁰、⁰ ", air condi-tioner is blowing fan at fixed position. Horizontal louver will stop at the fixed position.
● Hold " ⓓ " button above 2s to set your required

swing angle. When reaching your required angle, release the button.

ⓗ Humidity button

Under cooling mode, press this button can select humidity control with cooling mode, smart dehu-midification with cooling mode, and general cooling mode, and they can be set to operate circularly.

(blink 5s)

humidity control | smart dehumidification | general
with cooling mode | with cooling mode | cooling mode

● When humidity control with cooling mode is set, the remote controller will display " ⓗ " , and humidity value "88" and "%" icon will blink for 5s; you can press "+" and "-" buttons to set the humidity value within 5s.
Under humidity control with cooling mode, humidity setting range for the remote controller: 40%-80%.
Temperature can be adjusted under humidity control with cooling mode.
● When smart dehumidification with cooling mode is set, the remote controller will display " ⓗ " ; the remote controller and indoor unit will display "Ao" for 5 seconds.
Temperature can be adjusted under smart dehu-midification with cooling mode.
● The humidity for smart dehumidification is auto-matically adjusted according to human body comfort; no need to set the humidity manually.
Under dry mode, press this button can select humidity control with dehumidification mode, con-tinuous dehumidification mode, general dehumidifi-cation mode, and they can be set to operate circu-larly.

humidity control with | continuous dehumidification | general
dehumidification mode | with dehumidification mode | dehumidification mode

● When humidity control with dehumidification mode is set, the remote controller will display "ⓗ", "%"

and humidity value "88"; you can press "+" and "-" buttons to set the humidity value.
Humidity setting range for the remote controller:30%-70%.
Temperature can't be adjusted under humidity control with dehumidification mode.

● When continuous dehumidification is set, the remote controller will display " $\odot$ " ; the remote controller and indoor unit will display "Co".
Temperature can't be adjusted under continuous dehumidification mode.

● Under continous dehumidification mode, the unit always works under dehumidification status; no need to set temperature and humidity.

LR-swing button

Press this button can select left & right swing angle. Fan blow angle can be selected circularly as below:

no display
(stops at current position)

Timer button

● At ON status, press this button once can set TIMER OFF. The character of HOUR and OFF will flash. Press "+" or "-" button within 5s can adjust the time of TIMER OFF. After each pressing of "+" or "-" button, time will increase or decrease half an hour. When holding "+" or "-" button, 2s later, the time will change quickly until to reach to your required time. After that, press "Timer" button to confirm it. The character of HOUR and OFF won't flash again.
Cancel TIMER OFF: Press "Timer" button again under TIMER OFF status.

● At OFF status, press this button once can set TIMER ON. Please refer to TIMER off for detailed operation.
Cancel TIMER ON: Press "Timer" button again under TIMER ON status.

Sleep button

Press this button, can select Sleep 1 ( ), Sleep 2 ( ), Sleep 3 ( ) and cancel the Sleep, circulate between these, after electrified, Sleep Cancel is defaulted.

● Sleep 1 is Sleep mode 1, in Cool modes: sleep status after run for one hour, the main unit setting temperature will increase 1 , two hours, setting temperature increased 2 , then the unit will run at this setting temperature; In Heat mode: sleep status after run for one hour, the setting temperature will decrease 1 , two hours, setting temperature will decrease 2 , then the unit will run at this setting temperature.

● Sleep 2 is sleep mode 2, that is air conditioner will run according to the presetting a group of sleep temperature curve.

● Sleep 3 the sleep curve setting under Sleep mode by DIY;
(1)Under Sleep 3 mode, press "I Feel" button for a long time, remote controller enters into user individuation sleep setting status, at this time, the time of remote controller will display "1HOUR", the setting temperature "88" will display the corresponding temperature of last setting sleep curve and blink (The first entering will display according to the initial curve setting value of original factory);
(2) Adjust " + " and " - " button, could change the corresponding setting temperature, after adjusted, press "I Feel" button for confirmation;
(3) At this time, 1hour will be automatically increased at the timer position on the remote control, (that is "2HOUR" or "3HOUR" or "8HOUR"), the place of setting temperature "88" will display the corres-
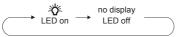
4

ponding temperature of last setting sleep curve and blink;

(4) Repeat the above step (2)~(3) operation, until 8 hours temperature setting finished, sleep,curve setting finished, at this time, the remote controller will resume the original timer display; temperature display will resume to original setting temperature.

• Sleep 3 the sleep curve setting under Sleep mode by DIY could be inquired:

The user could accord to sleep curve setting method to inquire the presetting sleep curve, enter into user individuation sleep setting status, but do not change the temperature, press " I Feel " button directly for confirmation. Note: In the above presetting or enquiry procedure, if continuously within 10s, there is no button pressed, the sleep curve setting within 10s, there is no button pressed, the sleep curve setting status will be automatically quit and resume to display the original displaying. In the presetting or enquiry procedure, press " On/Off " button, "Mode" button, "Timer" button or "Sleep" button, the sleep curve setting or enquiry status will quit similarly.

⌖ Light button

Press this button to control the LED status on the displayer, the circulation change is as follow:

▣ 3. Function introduction for combination buttons

Energy-saving function

Under cooling mode, press "Mode" and "Timer" buttons simultaneously to start up or turn off energy-saving function. When energy-saving function is started up, "SE" will be shown on remote controller, and air conditioner will adjust the set temperature automatically according to ex-factory setting to reach to the best energy-saving effect. Press "Mode" and "Timer" buttons simultaneously again to exit energy-saving function.

NOTE

• Under energy-saving function, fan speed is defaulted at auto speed and it can't be adjusted.
• Under energy-saving function, set temperature can't be adjusted.
• Sleep function and energy-saving function can't operate at the same time. If energy-saving function has been set under cool mode, press "Sleep" button will cancel energy-saving function. If sleep function has been set under cool mode, start up the energy-saving function will cancel sleep function.

Child lock function

Hold " On/Off " and " - " buttons simultaneously for 3s to turn on or turn off child lock function. When child lock function is on, " 🔒 " icon is displayed on remote controller. If you operate the remote controller, the " 🔒 " icon will blink three times without sending signal to the unit.

Temperature display switchover function

Under OFF status, hold "Mode" and " - " buttons simultaneously for 3s to switch temperature displaybetween °C and °F.

Indoor ambient temperature or humidity display

By holding " On/Off " and " ⌇) " buttons simultaneously , you can see indoor ambient temperature or indoor ambient humidity on indoor unit's display. The setting on remote controlleris selected circularly as below:

• When selecting " 🏠 " with remote controller, temperature indicator on indoor unit displays indoor ambient temperature.
• When selecting " 🏠 " with remote controller, temperature indicator on indoor unit displays indoor ambient humidity.

NOTE

• The ambient humidity value is only for reference. Eg: If humidity value is "0%", there may be malfunction for the humidity detection board. Please contact local service provider.
• There may be some measuring deviation for humidity detection and photosensitiveness detection.

Clean reminder function of filter

The reminder function is defaulted to be OFF. Hold " On/Off " and " 〗) " buttons simultaneously for 5s to turn it on. The buzzer will give out sound for 0.5s and the dual-8 digital tube on the display will be on for 3s; Once the reminder function is turned on, when the air conditioner has reached to the set time, the dual-8 digital tube will flash about 30s when the unit is turned on each time to remind the user to clean the filter; you can turn off this cycle reminder by holding " On/Off " and " 〗) " buttons simultaneously for 5s and then the air conditioner will count time again.

NOTE
- Once the reminder function is turned on, only this cycle reminder can be cleared.
- This function is only available for some models.

Fast cool function

Press " On/Off " and " + " buttons simultaneously under cooling mode can select 25℃(77℉) fast cooling mode, 16℃(61℉) fast cooling mode and normal cooling mode circularly. "❄" icon will be displayed on the remote controller under fast cooling mode.
Once it enters into fast cooling mode, the fan speed is auto fan and the set temperature is 25℃(77℉) or 16℃(61℉). At this time, the set temperature flashes to display for 5s. In the flashing period, press " + " or " - " button to adjust the set temperature. Press "Fan" button to adjust the fan speed. If the set temperature and the fan speed haven't been adjusted during that time, the remote controller and the indoor unit will operate under current set temperature and fan speed for 20 minutes. 20 minutes later, the set temperature and the fan speed for the remote controller and the indoor unit will turn to the status before quick cooling.

NOTE
- If the set temperature and the fan speed have been adjusted during the operation under fast cooling mode, the unit will exit from the fast cooling mode. Then the indoor unit operates continuously under the adjusted status.
- Fast cooling function is only applicable for some models. If this function is unavailable for this indoor unit, 20 minutes later, the remote controller will turn back to the status before fast cooling. Indoor unit operates continuously according to current status. At this time, status of indoor unit and the display status on the remote controller may be different.
- This function is only available for some models.

Auto clean function

Under unit off status, hold "Mode" and " 〗) " buttons simultaneously for 5s to turn on or turn off the auto clean function. When the auto clean function is turned on, indoor unit displays "CL" . During the auto clean process of evaporator, the unit will perform fast cooling or fast heating. There may be some noise, which is the sound of flowing liquid or thermal expansion or cold shrinkage. The air conditioner may blow cool or warm air, which is a normal phenomenon. During cleaning process, please make sure the room is well ventilated to avoid affecting the comfort.

NOTE
- The auto clean function can only work under normal ambient temperature. If the room is dusty, clean it once a month; if not, clean it once every three months. After the auto clean function is turned on, you can leave the room. When auto clean is finished, the air conditioner will enter standby status.
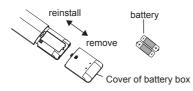- This function is only available for some models.

Night mode

Under cooling or heating mode, when turning on sleep mode and turn to low speed or quiet notch, the outdoor unit would enter into night mode.

NOTE
- When you feel that the cooling and heating effect is poor, please press "Fan" button to other fan speed or press "Sleep" button to exit the night mode.
- The night mode can only work under normal ambient temperature.
- This function is only available for some models.

■ 4. Replacement of batteries in remote controller

reinstall   battery

remove

Cover of battery box

1. Press the back side of remote controller marked with "≡", as shown in the fig, and then push out the cover of battery box along the arrow direction.
2. Replace two 7# (AAA 1.5V) dry batteries, and make sure the position of "+" polar and "-" polar are correct.
3. Reinstall the cover of battery box.

NOTICE

- During operation, point the remote control signal sender at the receiving window on indoor unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to indoor unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.
- If the display on remote controller is fuzzy or there's no display, please replace batteries.