OPERATING AND INSTALLATION MANUAL

REMOTE CONTROLLER
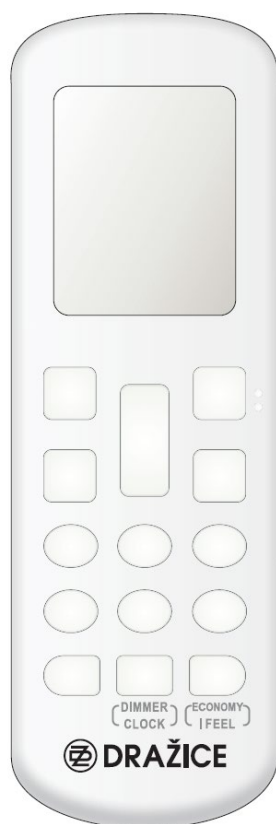
DRAŽICE

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Traditions since 1956

CAREFULLY READ THIS MANUAL BEFORE INSTALLING!

Dear Customer,

The Works Cooperative of Dražice - Machine Plant, Ltd., would like to thank you for your decision to use a product of our brand.

The product is not intended to be controlled by

a) people (including children) with reduced physical, sensual or mental capacities, or

b) people with insufficient knowledge and experiences unless supervised by responsible person, or unless properly instructed by such responsible person.

Remote controller Instructions

Remote controller

Remote controller

The remote controller transmits signals to the system.

1 MODE
Press this button to select the operation mode.

3 SLEEP
Used to set or cancel Sleep Mode operation.

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

8 ON TIMER
Used to set or cancel the timer operation.

9 QUIET
Used to set or cancel Quiet Mode operation.

11 OFF TIMER
Used to set or cancel the timer operation.

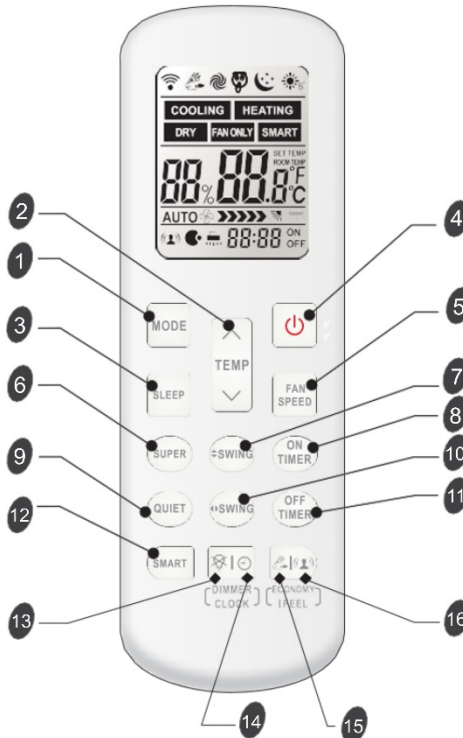**12 SMART** (invalid for multi system)
Used to enter fuzzy logic operation directly when the unit is on.

13 DIMMER
When you press this button, all the display of indoor unit will be closed. Press any button to resume display.

14 CLOCK
Used to set the current time.

15 ECONOMY
Used to set or cancel Economy Mode operation.

2 + 7 8°C HEAT
Used to start or stop 8°C HEAt mode.

2 TEMP
Used to adjust the room temperature and the timer, also real time.

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

5 FAN SPEED
Used to select fan speed in sequence auto, higher, high, medium, low and lower.

7 SWING
Used to stop or start vertical adjustment louver swinging and set the desired up/ down airflow direction

10 SWING
Used to stop or start Horizontal adjustment louver swinging and set the desired left/right airflow direction.

16 IFEEL
Press to set IFEEL Mode operation. In IFEEL mode, the Air Conditioner operates basis temperature sensor fitted in remote instead of machine, Advice to use IFEEL mode and the remote put where the indoor unit receive signal easily. Press this button above 5 seconds, start or stop IFEEL mode

Indication symbols on LCD:

COOLING Cooling indicator	**DRY** Dry indicator	**FAN ONLY** Fan only indicator	**HEATING** Heating indicator	**SMART** Smart indicator
Auto ⚙ ›››› Auto fan speed	⚙ ›››› Higher fan speed	⚙ ›››› High fan speed	⚙ ››› Medium fan speed	⚙ ›› Low fan speed
⚙ › Lower fan speed	🦉 Quiet indicator	🌿 Economy indicator	🌀 Super indicator	🌙 Sleep indicator
(👤) IFEEL	88 ℉℃ Display temperature	88:88 ON Display set timer / OFF Display current time		❄ 8℃ Heat indicator

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

Remote controller

◆ *How to Insert the Batteries*

1. Pry open 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 pressing it back into position.

1   2   3
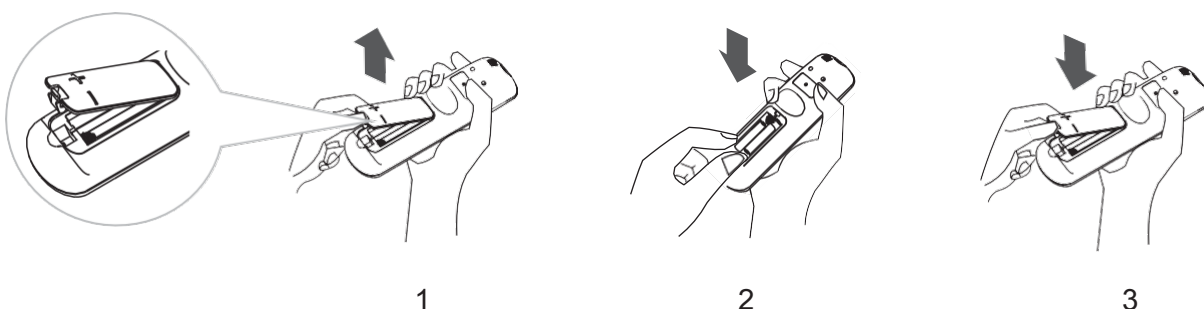
Note:

- *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.*
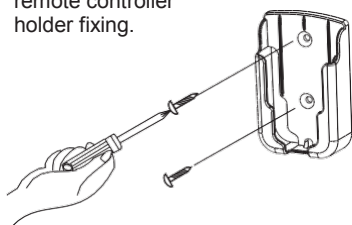
◆ *Storage and Tips for Using the Remote Controller*

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

Note: The remote controller holder is an optional part.

Note: The shape may differ from that of the remote controller holder you have selected.

remote controller holder fixing.

remote controller mounting.

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◆ *How to Use*

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

⚠ *CAUTIONS*

For appropriate signal transmission between remote controller 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 controller

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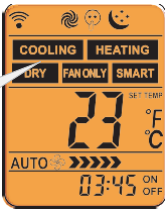
Signal receptor

- 5 -
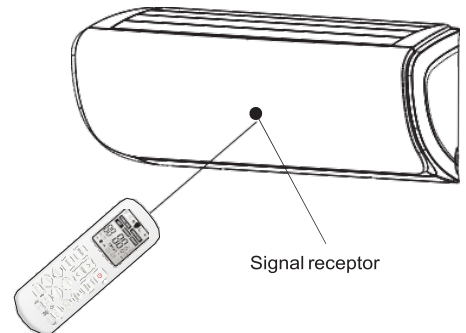
Operation instructions

Operation modes

◆ Selecting mode

Press ⬚MODE button once by once
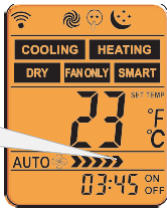
Result: The operation modes changed in sequence:

| COOLING | DRY | FANONLY | HEATING |

COOLING ➝ DRY ➝ FANONLY ➝ HEATING

✎ *Heating mode is NOT available for cooling only air conditioner.*

◆ FAN mode

Press ⬚FAN SPEED button once by once

Result: The fan speed is changed in sequence:

Auto ➝ Higher ➝ High ➝ Medium ➝ Low ➝ Lower

✎ *At "FAN ONLY" mode, only "Auto" is not available.*
At "DRY" mode, Fan speed is set at "AUTO" automatically, "FAN SPEED" button is ineffective in this case.
Some models, such as commercial air conditioner products, only have the third gear speed.

Auto ➝ High ➝ High ➝ Medium ➝ Low ➝ Low
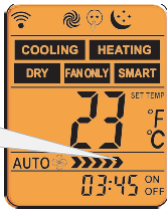
◆ Setting temperature

Press ⌃TEMP button once

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

Press TEMP⌄ button once

Result: Lower temperature setting by 1°C or 1°F

✎

Range of available set temperature	
*HEATING, COOLING	16℃~30℃ (61°F~86°F)
DRY	±7 deg C
FAN ONLY	unable to set

Note: Press and hold "⬚MODE " button and "TEMP⌄ " button together for 2 seconds will alternate the temperature display between the ℃ and °F scale.
Note: Heating mode is NOT available for cooling only models.
Note: At "Dry" mode, a decrease or rise of up to 7℃ can be set with Remote controller if you still feel uncomfortable.

◆ Turning on

Press | ⏻ | button.

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

SWING, SMART, SUPER, QUIET, TIMER, ECONOMY, IFEEL, DIMMER, CLOCK, SLEEP and 8℃ HEAT operation modes will be specified in the following pages.

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

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
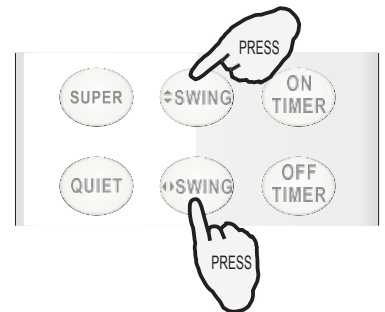
The direction of airflow can be also adjusted to your own requirement by pressing the " ⊜SWING ⊕SWING " buttons of the remote controller.

*Heating mode is only available for heat pump models.

◆ Vertical airflow control (with the remote controller)

Using remote controller to set various angles of flow or specific angle as you like.

Press " ⊜SWING " button once.

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

Press " ⊜SWING " button again.

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

◆ Horizontal airflow control (with the remote controller)

Using remote controller to set various angles of flow or specific angle as you like.

Press " ⊕SWING " button once.

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

Press " (•SWING) " button again.

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

PRESS

NOTE: If the unit doesn't have four ways airflow function, you can adjust horizontal airflow by yourself. (invalid for some models)

[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, then restore power supply again.*

[B] *It is better not to let the vertical adjustment louver tilt downward for a long time at COOLING or DRY mode to prevent condensed water from dripping.*

SMART mode (invalid for multi system)

How to set SMART mode?

Press the SMART button.

Result: Enters **SMART** mode (fuzzy logic operation) directly only when the unit is on.

Temperature and fan speed are automatically set based on the actual room temperature.

PRESS
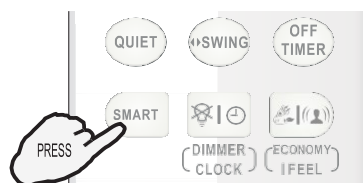
For the split-type models, such as wall-mounted air conditioners and some floor-standing air conditioners, their operation mode and set temperature should be determined based on the indoor temperature.

Operation mode and temperature are determined by indoor temperature		
Heat pump models		

Indoor temperature	Operation mode	Target temperature
21 °C (70 °F) or below	HEATING	22 °C (72 °F)
21 - 23 °C (70 - 73 °F)	FAN ONLY	
23 - 26 °C (73 - 79 °F)	DRY	Room temperature decrease 2 °C (2 °F) after operating for 3 minutes
Over 26 °C (79 °F)	COOLING	26 °C (79 °F)

Cooling only models

Indoor temperature	Operation mode	Target temperature
23 °C (73 °F) or below	FAN ONLY	
23 - 26 °C (73°F-79°F)	DRY	Room temperature decrease 2 °C (2 °F) after operating for 3 minutes
Over 26 °C (79°F)	COOLING	26 °C (79 °F)

For commercial air conditioner products, such as cassette type air conditioners, duct type air conditioners, ceiling & floor air conditioners and some floor-standing air conditioners, their operation mode should be determined based on the difference between the indoor temperature and set temperature.

The operation mode is determined by the difference between the indoor temperature and set temperature.

Heat pump models

Indoor temperature	Operation mode	Target temperature
Below T- 3 °C (3 °F)	HEATING	T
T- 3 °C ≤ T_{indoor} ≤ T+ 3 °C (3 °F)	FAN ONLY	T
Over T+3 °C (3 °F)	COOLING	T

Cooling only models

Indoor temperature	Operation mode	Target temperature
T+ 3 °C (3 °F) or below	FAN ONLY	T
Over T+ 3 °C(3°F)	COOLING	T

SMART button is ineffective in SUPER mode.
ECONOMY button is ineffective in SMART mode.
Press MODE button cancel SMART mode.
Note: Temperature, airflow and direction are controlled automatically in SMART mode. However, For the on/off, you can choose from -2 to 2 (for some models you can choose from -7 to 7), for the inverter you can choose from -7 to 7. if you still feel uncomfortable.

◆ *What you can do in SMART mode?*

Your feeling	Button	Adjust
Uncomfortable because of unsuitable air flow volume.	FAN SPEED	Indoor fan speed alternates among Auto, Higher, High, Medium, Low and Lower each time this button is pressed.
Uncomfortable because of unsuitable flow direction.	⇕SWING ◆SWING	Press it once, the vertical adjustment louver (horizontal adjustment louver) swings to change vertical airflow direction (horizontal airflow direction). Press it again, swings stop.

◆ *How to cancel the SMART mode?*

Press the MODE button.

Result: The SMART mode will be cancelled.
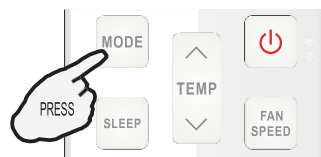
SUPER mode

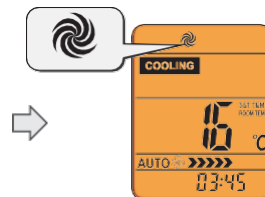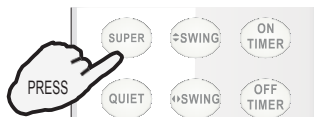SUPER mode is used to start or stop fast cooling or heating only when the unit is on.

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?*

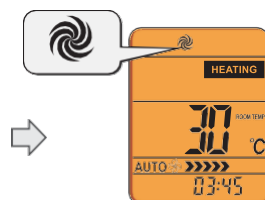Press (SUPER) button at the cool, dry and fan only mode.

Result: At high fan speed, the set temperature automatically to 16℃(61°F).

Press (SUPER) button at the heat mode.

Result: At auto fan speed, the set temperature automatically to 30℃(86°F).

◆ *How to cancel SUPER mode?*
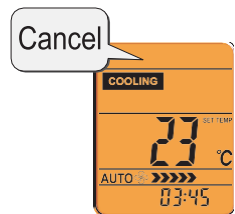
Press SUPER, MODE, FAN SPEED, ON/OFF or SLEEP button.

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

Note:
SMART button is not available in SUPER mode.
*ECONOMY button is not available 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.

QUIET mode

In this mode, the air conditioner will work with low noise performance by low compressor frequency and low fan speed. This mode is only available for inverter models.

Note: Press MODE, FAN SPEED, SMART, SUPER, ECONOMY or ON/OFF button cancel QUIET mode.
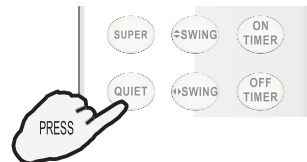
Timer mode

It is convenient to set the timer on with **ON TIMER** buttons when you go out in the morning to achieve a comfortable room temperature at the time you get home. You can also set timer off at night to enjoy a good sleep.
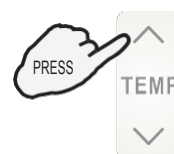
◆ *How to set ON TIMER ?*

1. Press (ON TIMER) button.

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

2. Press the ∧ or ∨ button.

   Result: Once to increase or decrease the time setting by 1 minute.
   One and a half seconds to increase or decrease the time setting by 10 minutes.
   For a longer time to increase or decrease the time by 1 hour.

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

   Result: A "beep" can be heard.
   "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 controller instead of set timer.

◆ *How to cancel ON TIMER ?*

Press the (ON TIMER) button.

   Result: A "beep" can be heard, and the indicator disappears, the time on mode has been canceled.

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

ECONOMY mode

In this mode, the air conditioner will bring you energy saving performance by lower running currency.

☑ *ECONOMY button is ineffective in SUPER and SMART mode.*
☑ *Press ON/OFF, MODE ,TEMP ∧,TEMP ∨ , FAN SPEED , SLEEP , QUIET or ECONOMY button cancel ECONOMY mode.*
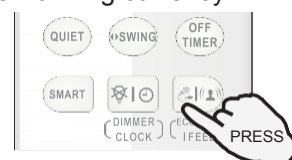
IFEEL mode

The temperature sensor built in remote controller is activated. It can sense its surrounding temperature, and transmit the signal back the unit, the unit can adjust the temperature so as to provide maximum comfort.

◆ *How to set IFEEL mode ?*

Press the [button] button for about 5 seconds 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 [button] button for about 5 seconds once again.

Result: IFEEL function will be shunted off.

DIMMER button

◆ *How to set the DIMMER?*

Press the DIMMER button to turn off the light and the display in the unit.

Note:
When the light is off, receive signal will turn on the light again.

CLOCK button

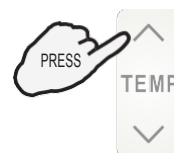### ◆ *How to adjust the real time?*

1. Press [button] button for about 5 seconds once.
   Result: The time flashes on the LCD.

2. Press ∧ and ∨ buttons.
   Result: Once to increase or decrease the time setting by 1 minute.
   One and a half seconds to increase or decrease the time setting by 10 minutes.
   For a longer time to increase or decrease the time by 1 hour.

3. Press [button] button once again.
   Result: The real time is set.

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 stop operation automatically after operating for 8 hours.

▪ Fan speed is automatically set at low speed.

◆ *How to set SLEEP mode?*

Each time [SLEEP] button is pressed.

**Result:**   SLEEP function will be started.

SLEEP mode:

▪ Set temperature will rise by 2 °C (2 °F) at most if the appliance operates in cooling mode for 2 hours constantly, then keeps steady.

▪ Set temperature will decrease by 2 °C (2°F) at most if the appliance operates in heating mode for 2 hours constantly, then keeps steady.

Note: Heating is NOT available for cooling only air conditioner.

◆ *How to cancel SLEEP mode ?*

Press any button, except SLEEP button.

Result: The display return to the original mode.
                      Escape from SLEEP mode.
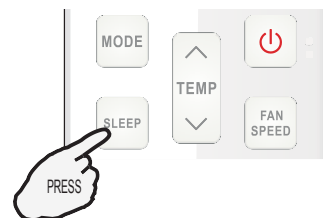
8°C HEAT mode (optional)

◆ *How to set 8°C HEAT ?*

In HEATING mode, Press (SWING) and [∧ TEMP] buttons together for 2 seconds to start 8℃ HEAT mode.

In 8°C HEAT mode, the fan speed is set at "AUTO" automatically. The icon ☀︎₈° will appear on the LCD.

If pressing any button, other than ON TIMER, OFF TIMER, CLOCK and SWING, 8°C HEAT function will be turned off. And the icon ☀︎₈° will disappear.

Note:

In 8°C HEAT mode, the default temperature is set 8℃. 8°C HEAT mode can be set only when the air conditioner works in HEATING mode.

Press together
for 2 seco

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