



OPERATION MANUAL

Before using your air conditioner, please read this operating manual carefully and keep it for future reference.

**Part No.: R08019034482
OM-5RTBR-1209(0)-DAIKIN (DAS)**

A. Operating Guide

1. Upon power up of the unit, the LCD displays the main display screen

*

2000/01/01	[Sat]	12:00am
Status	:	OFF
Mode	:	Heating
Set Temp	:	24°C

▼

2. Press the ON/OFF button for 1 second to switch on the unit if the status shows OFF. The status will change to ON. The ON/OFF LED will light up.
3. Press the COOL button for 1 second if cooling is required or the HEAT button if heating is required.
4. The 'Set Temp' refers to temperature setting.
5. Press the ▼ button once to view the compressor(s) on, off or defrost status.

*

2000/01/01	[Sat]	12:00am
Compressor 1	:	ON
Compressor 2	:	DEFROST

▲▼

6. Press the ▼ button again to view the temperature for room and outdoor ambient.

*

2000/01/01	[Sat]	12:00am
Return Air	:	24.0°C
Outdoor Air	:	24.0°C

▲▼

7. Press the ▼ button again to view the selected type for unit, number of compressor used, indoor fan 'always on' option, model and EEPROM version.

*

2000/01/01	[Sat]	12:00am
Type	:	H/Pump
No. Comp	:	2 Comp
IDF Opt	:	--
Model	:	5RT90BR_E
EP.Rev	:	0.0

8. Press the ▲ button to return to previous screen(s) or ESC to return to main screen.
9. Press the ALARM button to view or clear the alarm history. If **alarm occurs**, contact your dealer or serviceman.

* **Note:** Display diagram is for illustration purpose only. It may differ for different models. The display information shall be subjected to the setting in the main controller board.

B. Main Menu

1. Changes can be made to the factory setting parameter. This is done in the Main Menu. Press ENTER button to go into the Main Menu.
2. The Main Menu consists of Operation Menu, Settings Menu, Timer Menu, Alarm Menu, Warning Menu and Display Menu.

How to use the Main Menu?

Step 1

Press ENTER to view the sub-Menu under Main Menu.

Step 2

Go to the sub-Menu you want by pressing the ▲ or ▼ button. Press ENTER to select the sub-Menu.

Step 3

Go to the parameter you want to change or view by pressing the ▲ or ▼ button. Press ENTER to select this parameter.

Step 4

Change the parameter by pressing the ▲ or ▼ button. Once completed press ENTER. Press ESC to go back to previous screen until you see the initial display screen.

Operation Menu

This menu enables us to set the unit status (on or off), set the unit operation mode, change the temperature setting, and manually defrost the unit (applicable for heating mode only).

Settings Menu

This menu enables us to set the parameters for unit operation (requires password entering), user setting, change password, set panel option and unlock panel.

The panel option enables us to set the LCD backlight and contrast, set the alarm buzzer, enable and disable the screen saver and set a screen saver timeout and set the temperature display in °C or °F.

Note: The Set Parameter in the setting menu requires password for any changes to or to view its parameter.

CAUTION:

All the password entering must be done by local dealer/serviceman. User is not allowed to change the value of the set parameter as this may cause damage to unit or deter its operation.

Timer Menu

This menu enables us to set the clock, set the date, set a 7 days schedule to start and stop the unit and enable or disable the set schedule.

Alarm Menu

This menu enables us to view the alarm history and also clear the record. The panel can keep up to 20 fault / alarm records.

Warning Menu

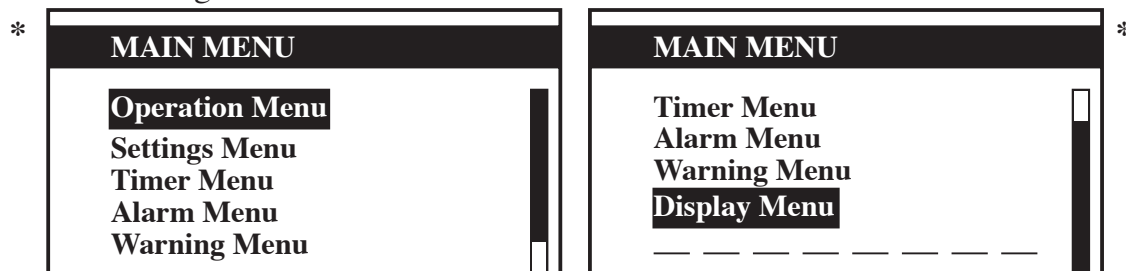
This menu enables us to view the warning history and also to clear the record. The panel can keep up to 20 warning records.

Display Menu

This menu enables us to view the indoor heat exchanger sensor(s) temperature, outdoor heat exchanger sensor(s) temperature, discharge sensor(s) temperature, solenoid valve(s) operation status, compressor(s) run time record, EXV opening pulse, economizer operation status (applicable for unit with economizer only), filter checking time, control type and software version. Some of the submenu may require password for entering.

Main Menu

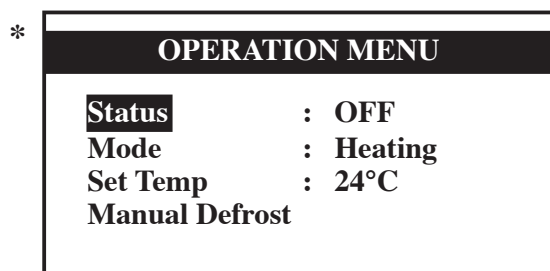
Press ENTER to go to this menu.



There are 6 sub menus in [Main Menu]. Press ▲ or ▼ to select sub menus, ENTER to enter into the sub menu or press ESC to exit to main display screen.

Operation Menu

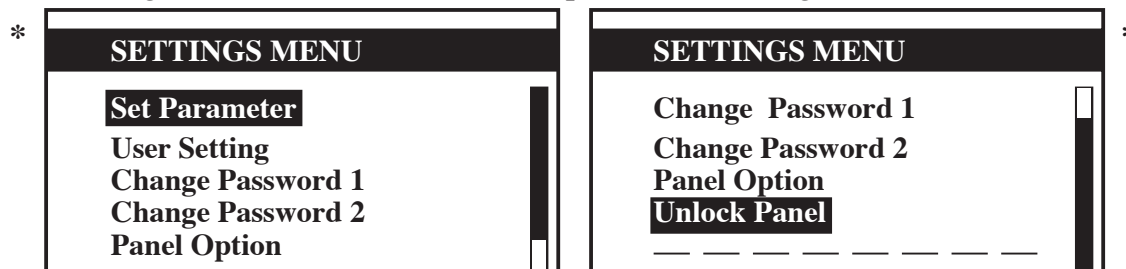
Select [Operation Menu] in [Main Menu] and press ENTER to go to this menu.



Some basic settings can be done here. Press ▲ or ▼ to select the required setting. Then, press ENTER to enter the setting mode. Press ▲ or ▼ to toggle the setting. Press ENTER again to confirm the setting. Press ESC to exit to [Main Menu].

Settings Menu

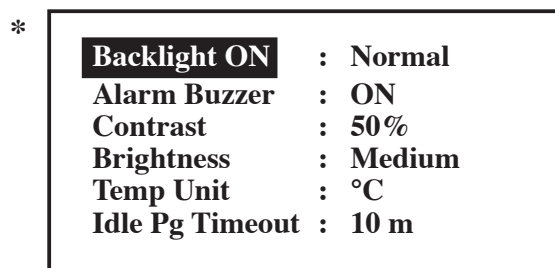
Select [Settings Menu] in [Main Menu] and press ENTER to go to this menu.



Some advance settings can be found here. Press ▲ or ▼ to select the required setting. Then, press ENTER to enter the setting mode. Press ▲ or ▼ to toggle the setting. Press ENTER again to confirm the setting. Press ESC to exit to [Main Menu].

Panel Option

Select [Panel Option] in [Settings Menu] and press ENTER to go to this menu.



Press ▲ or ▼ to select the required setting, ENTER to enter into the setting.
Press ▲ or ▼ to select the required option, ENTER to select the option.
Press ESC to exit to [Settings Menu].

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The display information shall be subjected to the setting in the main controller board.

Timer Menu

Select [Timer Menu] in [Main Menu] and press ENTER to go to this menu.

* **TIMER MENU**

Clock Setting
Date Setting
Timer Schedule
Timer : Enable

All the timer/schedule settings are included in this menu. Press ▲ or ▼ to select the required setting. Then, press ENTER to enter the setting mode. Press ▲ or ▼ to toggle the setting. Press ENTER again to confirm the setting. Press ESC to exit to [Main Menu].

Clock Setting

Select [Clock Setting] in [Timer Menu] and press ENTER to go to this menu.

* **Set Time:**

hh mm
12 : 00

Press ▲ or ▼ to select the required option. Then, press ENTER to enter the setting mode. Press ▲ or ▼ to toggle the setting. Press ENTER again to confirm the setting. Press ESC to exit to [Timer Menu].

Date Setting

Select [Date Setting] in [Timer Menu] and press ENTER to go to this menu.

* **Set Date:**

yyyy mm dd
2000 / 01 /01
Day : [Sat]

Press ▲ or ▼ to select the required option, ENTER to select the option. Press ESC to exit to [Timer Menu].

Timer Schedule

Select [Timer Schedule] in [Timer Menu] and press ENTER to go to this menu.

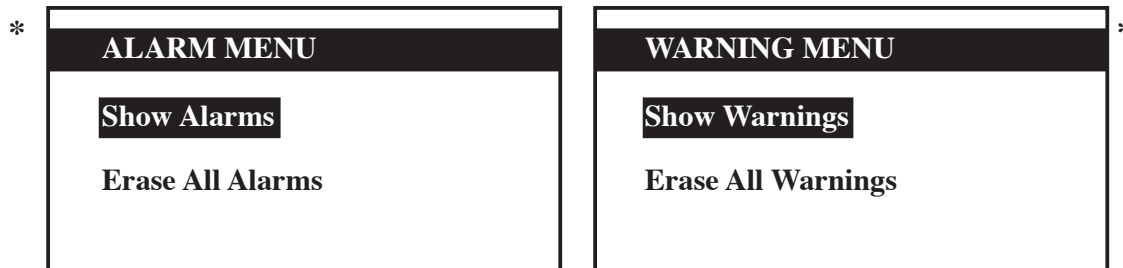
* TIMER SETTINGS		* TIMER 1	
		ON	OFF
Timer 1		Sun	0800 1800
Timer 2		Mon	0800 1800
Timer 3		Tue	0800 1800
		Wed	0800 1800

This is the 7 days programmable timer schedule menu. There are 3 ON/OFF events in one day. User can choose to set each day (Sunday - Saturday) ON/OFF timer. Before this schedule can function, user needs to set the [Timer] in [Timer Menu] to enable. Press ESC to exit to [Timer Menu].

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Alarm Menu/Warning Menu

Select [Alarm Menu]/[Warning Menu] in [Main Menu] and press ENTER to go to this menu.

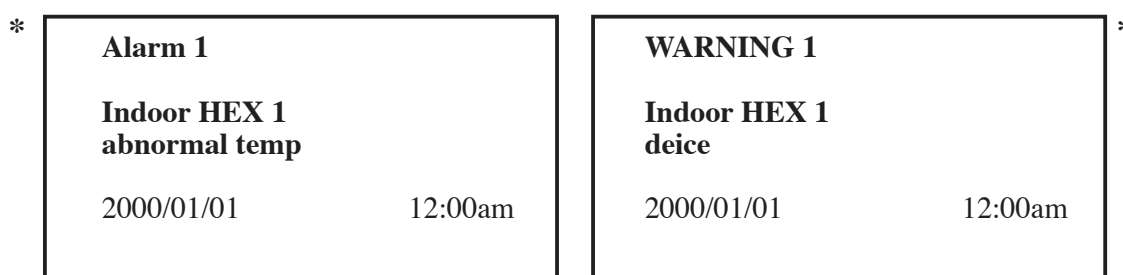


This place keeps records for all previous occurred faults/alarms/warnings.

User can view or clear these records. The panel can keep up to 20 faults/alarm warning records. Press ESC to exit to [Main Menu].

Show Alarms/Show Warnings

Select [Show Alarms]/[Show Warnings] in [Main Menu] and press ENTER to go to this menu.



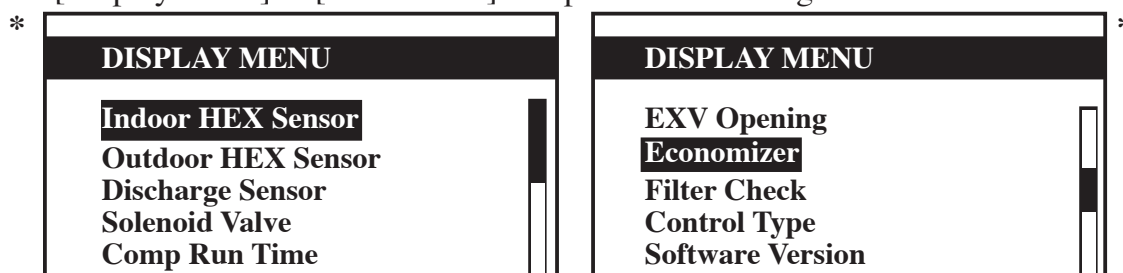
The record shows:

- Alarm/Warning description
- Alarm/Warning occurrence date
- Alarm/Warning occurrence time

Besides that, user can erase the alarm/warning record(s) in this menu (password is required). Press ESC to exit to [Alarm Menu]/[Warning Menu].

Display Menu

Select [Display Menu] in [Main Menu] and press ENTER to go to this menu.



This menu displays indoor heat exchanger sensor(s) temperature, outdoor heat exchanger sensor(s) temperature, discharge sensor(s) temperature, solenoid valve(s) operation status, compressor(s) run time record, EXV opening pulse, economizer operation status (applicable for unit with economizer only), filter checking time, control type and software version. Some of the submenu may require password for entering. Besides that, user can clear the compressor run time record (password is required).

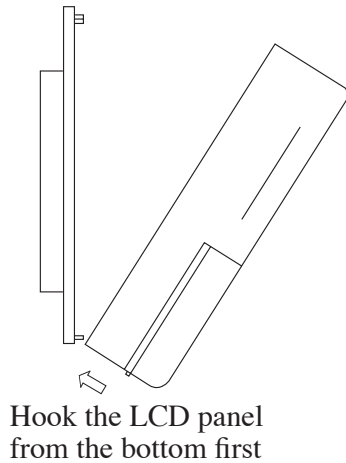
Press ESC to exit to [Main Menu].

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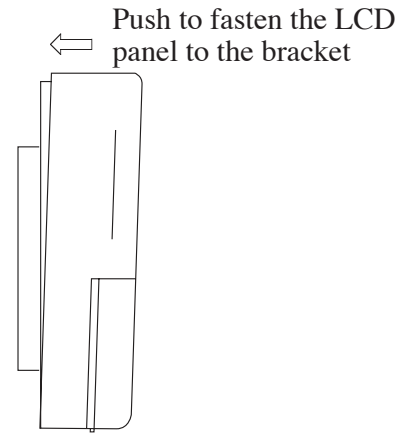
C. Installation

When installing the LCD panel to the bracket,

Step 1

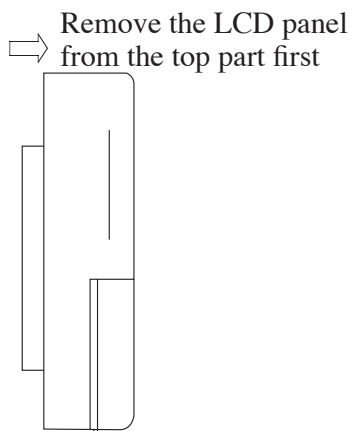


Step 2

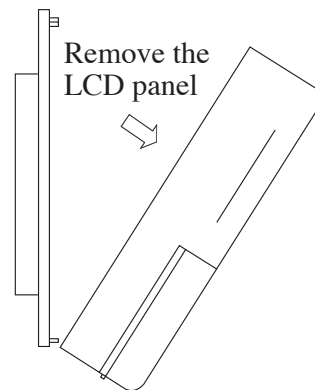


When removing the LCD panel from the bracket,

Step 1



Step 2



1. A 3V DC battery is supplied with the LCD. It is used to ensure that the LCD displays real time once the timer is set.
2. The LCD is wired to the main board via CN8 connection.

- The manufacturer reserves the right to revise any of the specification and design contain herein at any time without prior notification.

DAIKIN INDUSTRIES, LTD.

Head office:

Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka, 530-8323 Japan

Tokyo office:

JR Shinagawa East Bldg., 2-18-1, Konan, Minato-ku, Tokyo, 108-0075 Japan

http://www.daikin.com/global_ac/