New System Controller with Schedule timer. Operation with various function from center station

NEW

ECONAVI

CZ-64ESMC3
Panasonic unveils state-of-the-art digital controller

Panasonic has launched its latest controller, an innovative and easy to use interface that offers full functionality with an integrated schedule timer and system controller, making managing heating and cooling systems easier than ever before. The CZ-64ESMC3 includes Panasonic's popular schedule timer, which gives users full. Flexibility over when they want their property heated or cooled. Users can adjust the system for holidays, pausing operations for long periods of time so that energy isn't wasted heating or cooling an empty home or office. The controller also allows six operations per day to be programmed.

Mix of current 2 controllers: System controller + Schedule timer

New system controller will be designed by taking priority on these 2 operations with following technical key points:
· Same operation feeling as new wired remote controller by touch-key panel
· High visibility and usability by Full-dot LCD
· Based on High wired remote controller
· Maximum 64 group of indoor units, Individual control for 64 units
· 4 zone control; 1 zone = Maximum 16 groups
· Several energy saving function (based on CZ-RTC5)
· 6 timer program per day for 1 week (7 days) operation (Total 6 x 7= 42 programs)
· Basic setting items (Temperature, Mode, Fan speed, Flap position) can be set by same manner as CZ-RTC5

Function list

From CZ-64ESMC2 System controller:
· Central control / individual setting
  - Start-stop prohibition for remote controller
  - Start-stop / Mode change / Temperature setting prohibition for remote controller
  - Mode change / Temperature setting prohibition for remote controller
  - Mode change prohibition for remote controller
  - Select items for prohibition
· Filter information
  - Filter sign
  - Filter sign reset
· Ventilation setting

From CZ-ESWC2 Schedule timer:
· Weekly Timer

  - Timer setting Enable / Disable
  - Copy of Timer setting
· Maintenance
  - External signal (Start / Stop) (Demand control)
  - Centralized control master-slave setting
  - Alarm history
· Initial setting
  - Clock

From CZ-RTC5
· Energy-saving control
  - Econavi On/Off
· Filter information
- Filter sign and Hour counter display
· Maintenance
  - Service contact
· Initial setting
  - Clock display setting
  - Name Setting
  - Operation lock setting
  - Operation sound setting
  - LCD contrast setting
  - LCD backlight setting
  - Select displayed language (EN / FR / IT / ES / DE)
  - Administrator password
· Setting information list

Sample display image / Operation status display

Operation Status ALL

Operation Status ZONE

Operation Status GROUP

Centralised Controllers

System controller. Operation with various function from center station

CZ-64ESMC2
Dimensions (H x W x D): 120 x 120 x 21 + 69 mm (embedding dimension).
Power supply: AC 220 to 240 V.
I/O part: Remote input (effective voltage: DC 24 V): All ON/All OFF.
Remote output (voltage-free contact): All ON/All OFF (external power supply within DC 30 V, maximum 1 A).
Total wiring length: 1 km.

Individual control is possible for maximum 64 groups, 64 indoor units
Control of 64 indoor units divided into 4 zones. (One zone can have up to 16 groups, and one group can have up to 8 units.)
Control is possible for ON/OFF, operation mode, fan speed, air flow direction (only when used without a remote controller), operation monitoring, alarm monitoring, ventilation, remote controller local operation prohibition, etc.
Individual: All operations are possible from the remote controller. However, the contents will be changed to the last settings used on the controller.
Central 1: The remote controller cannot be used for ON/OFF. (All other operations are possible from the remote controller.)
Central 3: The remote controller cannot be used for mode change or temperature setting change. (All other operations are possible from the remote controller.)
Central 4: The remote controller cannot be used for operation mode change. (All other operations are possible from the remote controller.)

Joint use with a remote controller, an intelligent controller, a schedule timer, etc. is possible
The maximum number of connectable system controllers is 10, including other central controllers on the same circuit.
In case of joint use with a wireless remote controller, there are limitations for the control mode. Please use only with "Individual" and "Central 1".

Control of systems without a remote controller and of main/sub systems (a total of up to 2 units) is possible

External Contacts On Central Controllers
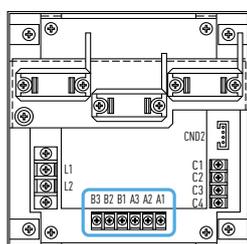
Terminals for remote monitoring:
A1) Input for turning ON air conditioners concurrently
A2) Input for turning OFF air conditioners concurrently
A3) Common input for turning air conditioners ON or OFF
B1) On operation state indicator output
B2) Alarm indicator output
B3) Common indicator output

A control mode corresponding to the use condition can be selected from 10 patterns
A. Operation mode: Central control mode or remote control mode can be selected
Central control mode: The system controller is used as centralised control device. (Setting from a remote controller can be prohibited by prohibiting local operation from the system controller.)
Remote control mode: The system controller is used as a remote controller. (Setting from the system controller can be prohibited by prohibiting local operation from another central control unit.)
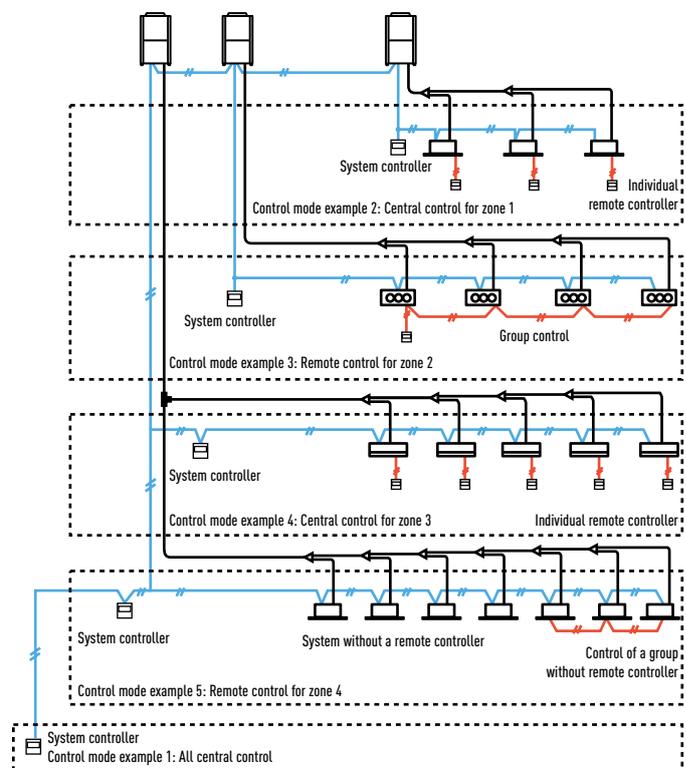B. Controlled unit number mode: All mode or zone 1, 2, 3, 4 mode can be selected
All mode: All, zone, or group unit can be selected.
Zone 1, 2, 3, 4 mode: Setting is possible only for the indoor units of zone 1, 2, 3, or 4.

Connection example

		A Operation mode	
		Central control mode	Remote control mode
B Controlled unit number mode	All mode	All central control. Example 1	All remote control
	Zone 1 mode	Zone 1 central control. Example 2	Zone 1 remote control
	Zone 2 mode	Zone 2 central control	Zone 2 remote control. Example 3
	Zone 3 mode	Zone 3 central control. Example 4	Zone 3 remote control
	Zone 4 mode	Zone 4 central control	Zone 4 remote control. Example 5

System controller
Control mode example 2: Central control for zone 1
Individual remote controller

System controller
Group control
Control mode example 3: Remote control for zone 2

System controller
Control mode example 4: Central control for zone 3
Individual remote controller

System controller
System without a remote controller
Control of a group without remote controller
Control mode example 5: Remote control for zone 4

System controller
Control mode example 1: All central control

Panasonic®

Operating Instructions
System Controller

Model No. **CZ-64ESMC3**
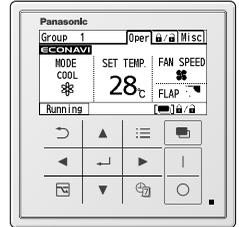
ENGLISH

Before operating the unit, read these operating instructions thoroughly and keep them for future reference.

C E

Safety Precautions

⚠ **WARNING**	⚠ **CAUTION**
This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.	This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

❗ Matters to be observed	🚫 Prohibited matters

⚠ WARNING

🚫 Do not use this appliance in a potentially explosive atmosphere.

🚫 In case of malfunction of this appliance, do not repair by yourself. Contact the sales or service dealer for repair.

❗ In case of emergency, remove the power plug from the socket or switch off the circuit breaker or the means by which the system is isolated from the mains power.

⚠ CAUTION

! This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

🚫 ・ Do not operate with wet hands.
・ Do not wash with water.

Thank you for purchasing the Panasonic System Controller.
● Read the Operating Instructions carefully for safe use. This manual describes the Operating Instructions of the system controller. Read this manual as well as operating instructions supplied with indoor units and outdoor units.
● **Be sure to read the "Safety Precautions" (P.2, 3) before using.**
● Keep this manual with operating instructions supplied with indoor units and outdoor units in a safe place.
● Be sure to keep this manual in a place easily accessible by users. In the case of user change, be sure to give this manual to the new user.

(NOTICE)

The English text is the original instructions. Other languages are translation of the original instructions.

Excellent Features

Easy operation

- **Easy-to-follow display on the large screen**
- **Easy operation on the menu display**

Highly and multi-functional

- **Central control**
  This unit alone controls all the air conditioners in office.
- **Energy Saving function**
  Saves energy for existing air conditioners by reducing energy waste.
- **Schedule timer function**
  Sets operation schedule on a daily basis.

Connection to external equipment

- **This unit enables connection to demand controllers.**

CONTENTS

Energy Saving Function

Saves energy for existing air conditioners by reducing energy waste.

Temperature Auto Return *1

● **Restores the changed temperature to the originally set temperature automatically after a specified time has elapsed.**
Cooling only when there is a visitor

Temperature Range Restriction *1

● **Restricts the temperature range that can be set.**
Temperatures outside the range cannot be set.

Auto Shut-off Setting *1

● **When the operation is stopped at a specified time and resumed afterwards, the unit detects the operation status at regular time intervals and stops operation automatically.**

Repeat OFF Timer *1

● **Every time operation is performed, the unit stops operation after a certain period of time.**
Recommended for less frequent use and for short-period use at one time.

Peak cut Setting *1 (Gas heat pump saving *2)

● **Reduces the maximum power that can be output using the condition selected at the time of installation.**
The 3 modes below are selectable.

Schedule peak cut

Reduces the power by specifying time zones. (Specify the maximum power for each time zone.)

Time zone to reduce the operation capacity

Large
Small

11 : 00   13 : 00   16 : 00   19 : 00
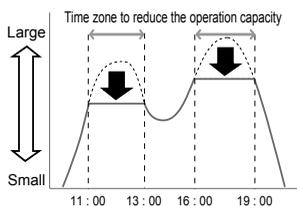
External input peak cut

Reduces the power that can be output using external equipment.

Energy saving

Large
Small

Ratio of output to the maximum capacity 95%

Send a signal
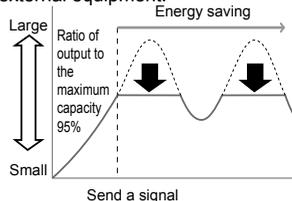
*1: *e*-**CUT** is displayed on the setting screen. (Energy saving function indication)
*2: When using a gas heat pump air conditioner

Schedule energy saving (Efficient operation *2)

Reduces the power by specifying time zones.

Energy saving

Large
Small

11 : 00
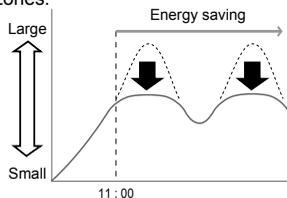
Password Setting

● **Only an authorized person can change the settings.**
   Select the setting change range from the following 3 items.
   • Energy-saving setting only
   • Menu operation + Weekly timer setting
   • All key operations

* The Energy Saving function forcibly performs the energy-saving operation.

Air-conditioning Control System

The most suitable air-conditioning control system can be selected according to the scale of the control/monitoring area.

● **Controlling indoor units**
This unit alone enables multi-functional operations: Up to 64 indoor units can be controlled individually or collectively.
* 64 indoor units are divided into up to 4 zones, and can be controlled on All, Zone or Group basis.

All	• Operates and sets up to 64 indoor units.
Zone	• Registers multiple indoor units with up to 4 zones, and operates and sets each zone collectively.
Group	• Operates and sets each group. * The remote control operation is performed by the group.

e.g.)

When 2 indoor units are operated by the remote control, the 2 indoor units are regarded as one group.
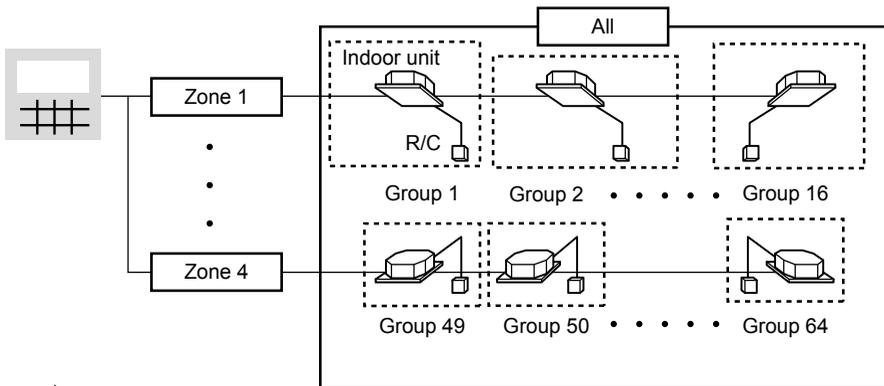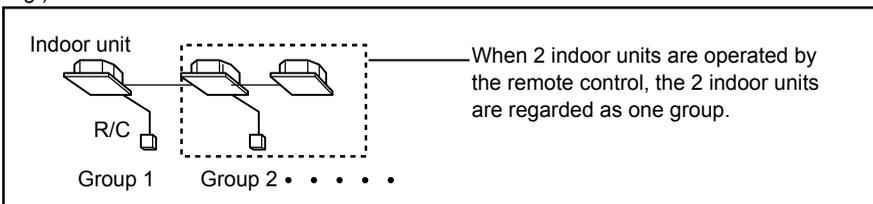
• The above example shows this unit is connected as the central controller.

Air-conditioning Control System (continued)

● **Number of connectable indoor units**
 • Indoor unit: Max. 64 units
 • Number of settings: 4 zones, 64 groups
 • 1 zone: 16 groups, 64 units

● **Control mode**
 This unit is equipped with 2 "Operation modes" and 5 "Number-of-controlled-units modes"
 * Each mode is set at the time of installation. For details, refer to the Installation instructions.

● **Operation mode**
 • **"Central control mode":**
 Uses this unit as the "Central controller"

> **Note**
>
> When the Central control mode is set, the "Prohibit R/C mode" can be used.

 • **"Remote control mode":**
 Uses this unit as the "Remote control".

> **Note**
>
> When the Remote control mode is set, the "Prohibit R/C mode" cannot be used. Also, if other central controllers sets "Prohibit R/C", this unit cannot operate indoor units.

● **Number-of-controlled-units mode**
 • **All mode**
 Controls on All, Zone or Group basis.
 • **"Zone 1, Zone 2, Zone 3 and Zone 4 modes"**
 Operates and sets only the indoor units in any of the Zone 1, Zone 2, Zone 3 and Zone 4.

		Operation mode	
		Central control mode	Remote control mode
Number-of-controlled-units mode	All mode	All central control	All remote control
	Zone 1 mode	Zone 1 central control	Zone 1 remote control
	Zone 2 mode	Zone 2 central control	Zone 2 remote control
	Zone 3 mode	Zone 3 central control	Zone 3 remote control
	Zone 4 mode	Zone 4 central control	Zone 4 remote control

Part Names

Control panel

Return button
Returns to the previous screen.

LCD screen
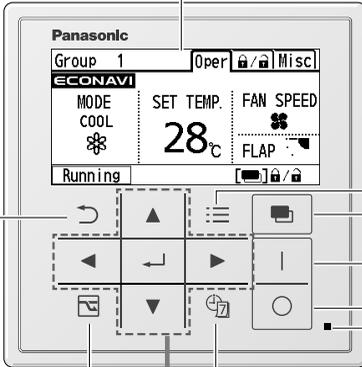
Menu button
Displays the menu screen (P.10).

Select button
Switches the screen.
- Switches the operation/ setting target among [All], [Zone] and [Group].
- Switches the basic operation screen among [Oper] (Operation), [🔒/🔓] (Prohibit R/C) and [Vent/Misc] (Ventilation/Other).

START button
Starts operation.

STOP button
Stops operation.

Energy saving button
(When using a gas heat pump air conditioner: Performs the Efficient operation.)
Switches Energy saving/ Normal operation.

Timer button
Performs the timer reservation.

Operation indicator (Green)
Illuminates during operation. Blinks during alarm.
* If at least one unit is operating or alarming, the indicator illuminates or blinks.

Panasonic

Group 1	Oper 🔒/🔓 Misc

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MODE COOL ❄	SET TEMP. 28℃	FAN SPEED ❀
		FLAP

Running   [▮]🔒/🔓

Cross key buttons
Selects an item.
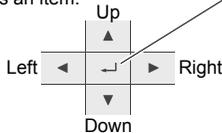
Enter button
Fixes the selected content.

Up
▲
Left ◄ ↵ ► Right
▼
Down

Note
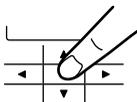
Press centre
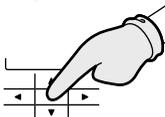
No glove

No pen

● If a password has been set, the password entry screen is displayed after any of the following operations.
- After operating [1. Energy saving] in the menu
- After operating the Menu button and Timer button
- After operating all buttons

For password, see Password Setting. (P.44)

Part Names (continued)

Screen display

● **Basic operation screen**

Operation/Setting target

Screen switching
Switching [Oper] (Operation), [🔒/🔓] (Prohibit R/C) and [Vent/Misc] (Ventilation/Other)

Setting information icon
(Next page)

Operation mode

Fan speed

Flap

Operation is in process

Set temperature

Operation guide
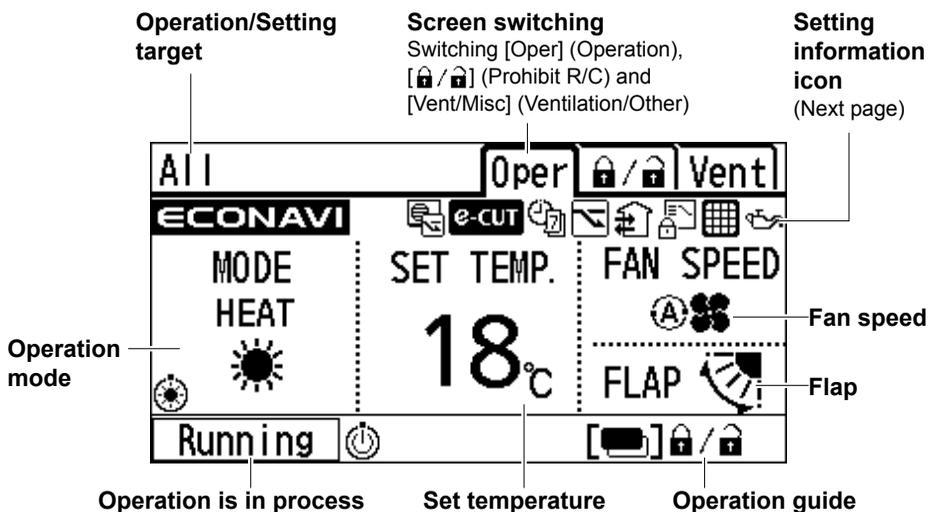
Setting information icon example (Displayed on the basic operation screen and standby screen)
According to the setting status, the number of icons and the display positions vary.

● **Icon**

Icon	Description	Page
	The indoor unit filter needs to be cleaned.	P.46
	The engine oil needs to be replaced. (Only when using a gas heat pump air conditioner.)	-
	Switching operation modes is prohibited. (Switching to Auto mode is also prohibited.)	-
*1	Remote control operation is restricted by a central control device. (Only in the remote control mode)	-
*1	The key operation is locked.	P.49
	The weekly timer or Holiday is set.	P.25
	The weekly timer is set. (The Holiday is not set.)	P.20
	Energy saving operation is in process.	P.15
	Fresh air is used for ventilation. (Only when connecting a commercially sold fan.)	P.57
ℯ-CUT	The energy saving setting function is set.	-
ℯ-CUT	The energy saving setting function is operating.	-
	The operation capacity of the outdoor unit is restricted.	-

When checking the meanings of all icons (P.56)
*1: May not be displayed if there are too many icon indications that overflow from the display area. (P.56)

Switching Displays

This section describes how to switch the main screens.

Standby screen (P.16)
Select the indoor unit to operate and set.

Operation screen
- **Basic operation screen** (P.10)
Set the operation mode, temperature, fan speed and airflow direction.
- **Prohibit R/C screen** (P.59)
Disable the remote control operation.
- **Vent (Ventilation)/Misc (Other) screen** (P.57, P.61)
Set ventilation.

Menu screen (P.27)
Various settings are available using menus.

Weekly timer setting screen (P.20)
Set the operation schedule on a daily basis.

Standby screen		Operation screen

Press ⏎.

Press 🔲.

Press 🔲.

All

```
┌─────────────────────────────┐
│ All  Zone Group    20:30 (THU)│
│ ECONAVI           e-CUT        │
│ Running 55Grps  Stopping 9Grps │
│                                │
│        [⏎]Oper    [🔲]Zone     │
└─────────────────────────────┘
```

Zone

```
┌─────────────────────────────┐
│ All  Zone Group    20:30 (THU)│
│ Zone  1      ▶ ■■■□■■■■■       │
│ Zone  2        ■■■■■□■■■       │
│ Zone  3        ■■■■□■■■■       │
│ Zone  4        ■■■■■□■■■       │
│ ▼▶Sel.  [⏎]Oper  [🔲]Group    │
└─────────────────────────────┘
```

Group

```
┌─────────────────────────────┐
│ All  Zone Group    20:30 (THU)│
│ ◀    Zone  1   ▶      16Group │
│ Group  1     ☼※  28℃      ⊠ │
│ Group  2     Stopping         │
│ Group  3     ☼Ⓐ  26℃      ⊠ │
│ ◀▼▶Sel. [⏎]Oper  [🔲]All      │
└─────────────────────────────┘
```

Basic operation screen

```
┌─────────────────────────────┐
│ All           Oper 🔒/🔓 Vent│
│ ECONAVI              e-CUT     │
│ MODE   SET TEMP. FAN SPEED     │
│ COOL     28℃      ❄           │
│ ❄      FLAP ·.                │
│ Running         [🔲]🔒/🔓      │
└─────────────────────────────┘
```

Prohibit R/C screen

```
┌─────────────────────────────┐
│ All           Oper 🔒/🔓 Vent│
│            ○:Permit ✕:Prhbt   │
│ R/C 🔒 START MODE TEMP FAN FLAP│
│       STOP                     │
│ 🔒 1   ✕   ○   ○   ○   ○       │
│ Running         [🔲]Vent       │
└─────────────────────────────┘
```

Vent (Ventilation)/ Misc (Other) screen

```
┌─────────────────────────────┐
│ All           Oper 🔒/🔓 Vent│
│ Vent                           │
│  ON                            │
│ Running         [🔲]Oper       │
└─────────────────────────────┘
```

Weekly timer setting screen

Press ⌨.

```
🕐 Weekly timer      20:30 (THU)
Select target
Register timer group
Register special holiday
Copy function
  ▾ Sel.          [↵]Set
```

Menu screen

Press ☰.

```
Menu               20:30 (THU)
 1. Energy saving
 2. Password
 3. Filter info
 4. Prohibit R/C
  ▾ Sel.  ▸ Page   [↵]Confirm
```
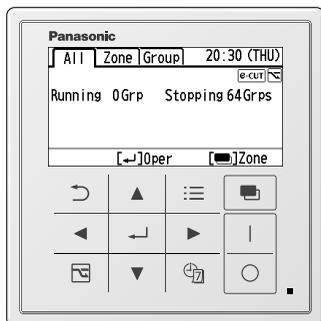
```
Menu               20:30 (THU)
 4. Prohibit R/C
 5. Quiet operation
 6. Initial settings
 7. Setting list
  ▴ Sel.  ◂ ▸ Page  [↵]Confirm
```

Basic Operations

This section describes the basic operations to use this unit.
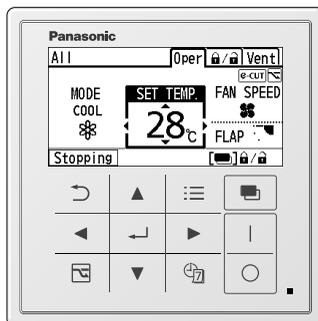
1 **Select All, Zone or Group** (P.16)

Press ▣.

```
Panasonic
┌All┐ Zone Group    20:30 (THU)
                        e·CUT
Running 0Grp   Stopping 64Grps

     [↵]Oper    [▣]Zone
```

Press ↵.

All	Select all indoor units.
Zone	Select Zone*.
Group	Select Group.

Indoor unit

R/C

Group 1 · · · · · · · · · Group 16

Group 49   Group 50 · · Group 64

* In Zone mode, only the specified zones can
  be operated. (P.7)

2 **Set the operation mode, temperature, fan speed and airflow direction** (P.18)

Press ◄ ► → ▲ ▼.

```
Panasonic
All          ┌Oper┐🔒/🔓 Vent
                        e·CUT
  MODE   SET TEMP. FAN SPEED
  COOL      28°C
   ❄             FLAP
Stopping       [▣]🔒/🔓
```

Press ↵.

| **MODE** | Switch among COOL, HEAT, DRY, FAN and AUTO. |
SET TEMP.	Set the temperature.
FAN SPEED	Set the fan speed.
FLAP	Set the airflow direction.

● Switching the screen using the ▣ button can make the settings below.
  • 🔒/🔓 **(Prohibit R/C) screen** (P.59)
    Disabling the remote control operation and settings.
  • **Ventilation/Other screen** (P.57, P.61)
    Set the ventilation to ON/OFF.

Furthermore...

Advanced settings can be made on the menu screen. (P.28)

The weekly time can be set. (P.20)

3 Perform operation.

Press | | .

A   **B**   **C**
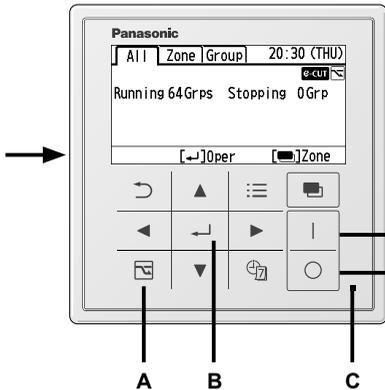
A: Energy saving button
(When using a gas heat pump air conditioner: Performs the Efficient operation.)
Switches Energy saving/Normal operation.
(Only for indoor units equipped with the energy-saving function)
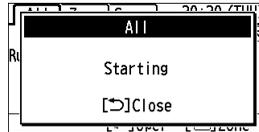
B: Enter button
Returning to the screen for step 2 can change the settings during operation.
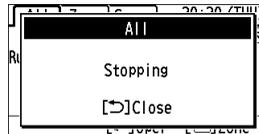
C: Operation indicator (Green)

4 Finish operation.

Press ○ .

Start operation.

• The pop-up screen appears. (4 sec.)
• The operation indicator illuminates.

Stop operation.

• The pop-up screen appears. (4 sec.)

* To clear the pop-up screen, press ↩.

Note

• Pressing | | after recovery from blackout will resume operation with the contents before blackout has occurred.
• If no operation is performed for a certain period of time, the back light turns off to save electricity. (Press any button for illumination.)

About energy saving
• The energy-saving operation restricts the maximum current value, maximum engine rotation speed, etc., resulting in decreased cooling/heating performance.
(If the outdoor unit operates with the restricted value or less, there is no restriction.)
• If all of the indoor units are not equipped with the energy-saving function, pressing the Energy saving [⊡] button will display the screen shown on the right.
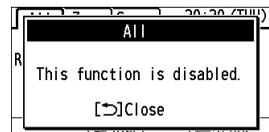
Selecting All, Zone or Group

Select the indoor units to set from the standby screen.

1 **Switch the screen.**

Press 🖵.

All ──► Zone ──► Group

2 **Select the item.**

Press ▲ ▼ → ↵.
Pressing ↵ switches to the setting screen.
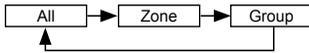
```
Panasonic
┌─────┬────┬─────┐
│ All │Zone│Group│   20:30 (THU)
├─────┴────┴─────┤
│ECONAVI          e-CUT │
│Running 55Grps  Stopping 9Grps│
│                             │
│        [↵]Oper    [🖵]Zone  │
└─────────────────────────────┘

   ↩        ▲        ☰        🖵
   ◄        ↵        ►        |
   🔲       ▼        ⊕7       ○
```
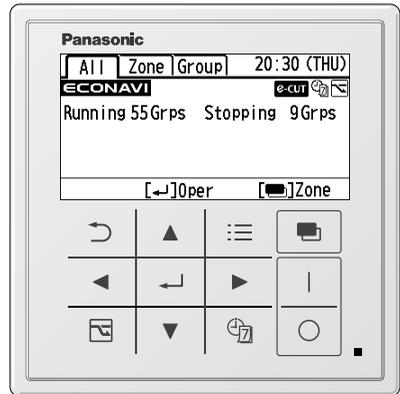
┌─ **Note** ───┐

● Groups can be selected on the zone screen.
  Pressing ► after step 2 on the zone selection screen displays the screen below.

```
┌────┬────┬─────┐
│ All│Zone│Group│  20:30 (THU)
├────┴────┴─────┤
│Zone 1   ⟨Group   1 │
│─────────  ☼ ❄ 28℃  🔲│
│Zone 2   [■□ □ ◤ □] │
│Zone 3   ■□ □ □ □   │
│Zone 4   ■□ □ □ □   │
│◄▼►Sel.  [↵]Oper [🖵]Group│
└──────────────────────┘
```
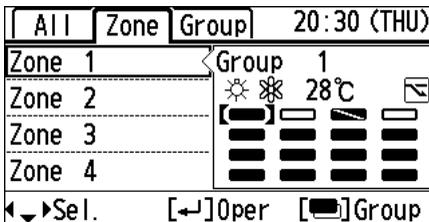
· ■ Operating
· ▢ Stopped
· ◤ Alarming
· 【 】: Group currently selected
Press ▲ ▼ ◄ ► to select the group, and
press ↵.

└──┘

All (Select all indoor units.)

1 Press 🔲.

```
┌─────────────────────────────────┐
│ [ All  ] Zone  Group   20:30 (THU)│
│ ECONAVI              e-cut 🔋🔗   │
│ Running 55 Grps  Stopping 9 Grps │
│                                  │
│                                  │
│     [↵]Oper      [🔲]Zone        │
└─────────────────────────────────┘
```
* For All, press ↵.

Zone (Select the zone.)

1 Press 🔲.

```
┌─────────────────────────────────┐
│ [ All  ] Zone  Group   20:30 (THU)│
│ Zone  1      ▶ ■■□■■■■■          │
│ Zone  2        ■■■■■■■■          │
│ Zone  3        □■■□■■□□          │
│ Zone  4        ■■■■■□□□          │
│ ▼▶Sel.  [↵]Oper      [🔲]Group   │
└─────────────────────────────────┘
```

2 Press ▲ ▼ → ↵.
• Select the zone from zone 1 to 4.

```
┌─────────────────────────────────┐
│ [ All  ] Zone  Group   20:30 (THU)│
│ Zone  1        ■■■□■■■■          │
│ Zone  2      ▶ ■■■■■■■■          │
│ Zone  3        □■■□■■□□          │
│ Zone  4        ■■■■■□□□          │
│ ▲▶Sel.  [↵]Oper      [🔲]Group   │
└─────────────────────────────────┘
```
• Groups can be selected on this screen. (See P.16 "Note".)

Group (Select the group.)

1 Press 🔲.

2 Press ◄ ► → ▲ ▼ → ↵.
• Select the zone, and select the group.

```
┌─────────────────────────────────┐
│  All   Zone [Group]    20:30 (THU)│
│ ◄      Zone  1    ▶      16Group │
│ Group  1          ☀❄ 28℃  🔗    │
│ Group  2          Stopping       │
│ Group  3          ☀Ⓐ 26℃  🔗    │
│ ◄▼▶Sel. [↵]Oper      [🔲]All    │
└─────────────────────────────────┘
```

Press ◄ ► to select the zone, press ▲ ▼ to select the group, and press ↵.

```
┌─────────────────────────────────┐
│  All   Zone [Group]    20:30 (THU)│
│        Zone  1         1/16Group │
│ Group  1          ☀❄ 28℃  🔗    │
│ Group  2          Stopping       │
│ Group  3          ☀Ⓐ 26℃  🔗    │
│ ▲▶Sel.  [↵]Oper      [🔲]All    │
└─────────────────────────────────┘
```

Setting Operation Mode, Temperature, Fan Speed and Airflow Direction

Make each setting for the selected indoor unit.

1 **Display the operation screen.**

Press ↵.
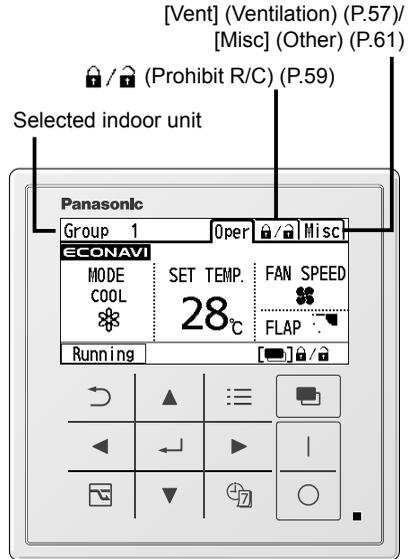
2 **Select the item to set.**

Press ◄ ►.
• When the cursor is not visible, press ↵.

3 **Set the selected item.**

Press ▲ ▼ → ↵.

(The cursor disappears.)
The unit returns to the standby screen.

[Vent] (Ventilation) (P.57)/
[Misc] (Other) (P.61)

🔓/🔒 (Prohibit R/C) (P.59)

Selected indoor unit

Panasonic

Group 1	Oper 🔓/🔒 Misc

ECONAVI

MODE
COOL
❄

SET TEMP.
28℃

FAN SPEED
❄

FLAP

Running   [▪]🔓/🔒

↩   ▲   ☰   ▣
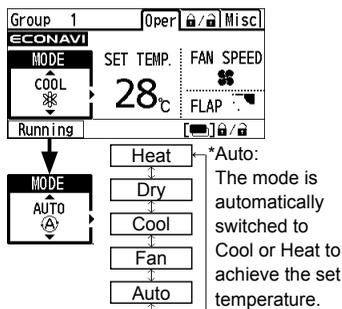
◄   ↵   ► |

▨   ▼   🕐   ○

Note

● Operation modes that cannot be set are not displayed.
● The airflow direction display differs from the actual flap angle.
● If no operation is performed for a certain period of time, the back light turns off to save electricity. (Press any button for illumination.)
● The temperature range that can be set varies depending on the model.
● The temperature range can be changed using this unit. (P.32)
● Some models do not display the airflow direction.
● For [All] or [Zone], one typical indoor unit setting is displayed as an example. Not all of the indoor units have the same setting as displayed.

Perform the following operations in step 2 on page 18.

Operation mode (e.g. Cool, Heat, etc.)

Press ◄.

```
Group  1        Oper 🔒/🔓 Misc
ECONAVI
 MODE      SET TEMP.  FAN SPEED
 COOL        28℃      ❄
 ❄                    FLAP
Running              [▥]🔒/🔓
```

```
MODE
AUTO
Ⓐ
```

Heat
Dry
Cool
Fan
Auto

*Auto:
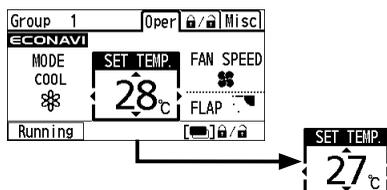The mode is automatically switched to Cool or Heat to achieve the set temperature.
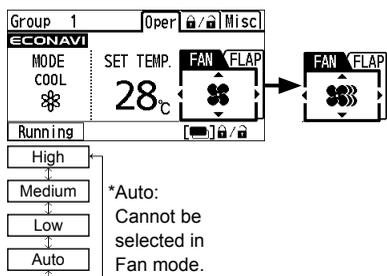
Temperature

Press ▲ ▼.

- **Cool/Dry**: 18 °C to 30 °C
- **Heat**　: 16 °C to 30 °C
- **Auto**　: 17 °C to 27 °C
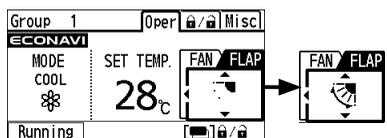* The upper limit temperature of gas heat pump air conditioner is 26 °C.

```
Group  1        Oper 🔒/🔓 Misc
ECONAVI
 MODE      SET TEMP.  FAN SPEED
 COOL        28℃      ❄
 ❄                    FLAP
Running              [▥]🔒/🔓
```

```
SET TEMP.
  27℃
```

Fan speed

Press ►.

```
Group  1        Oper 🔒/🔓 Misc
ECONAVI
 MODE      SET TEMP.  FAN FLAP
 COOL        28℃      ✿
 ❄
Running              [▥]🔒/🔓
```

```
FAN FLAP
✿
```

High
Medium
Low
Auto

*Auto:
Cannot be selected in Fan mode.

Flap

Press ► 2 times.

- ⟲ : Swing
- Pressing ▲ ▼ during swing can stop the flap at your preferred position.
- 5-level adjustment is possible during HEAT, FAN and AUTO (HEAT) modes. 3-level adjustment is possible during COOL and DRY modes.

```
Group  1        Oper 🔒/🔓 Misc
ECONAVI
 MODE      SET TEMP.  FAN FLAP
 COOL        28℃
 ❄
Running              [▥]🔒/🔓
```

```
FAN FLAP
⟲
```

Weekly Timer Overview

You can set a weekly operation schedule.
• The operation ON/OFF schedule or temperature setting schedule can be set by setting the day and time (e.g. Setting the operation start time to 8:00 a.m. from every Monday to Friday.).
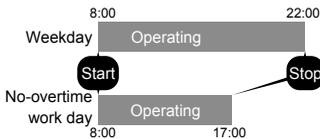
How to set (Overview)

```
🕑 W2                20:30 (THU)
Day │ SUN MON TUE WED │THU│ FRI SAT
1. 10:40    START COOL  28℃  🔒1
2. --:--    --- ---     --℃ --
3. --:--    --- ---     --℃ --
 ⬍ Sel.              [↵]Set
```

• Select **"Day"**
• Select **"Time"**
• Select **"Prohibit R/C [🔓/🔒]"** for the remote control
• Select **"Temperature"**
• Select **"Operation mode"**
* Select **"Operation"**
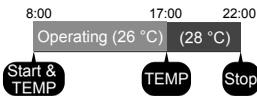
(See P.21 for setting procedure)

Combination examples

1. Stop operation earlier on "No-overtime work day"

```
         8:00              22:00
Weekday  ▐ Operating ▌
        Start            Stop
No-overtime  ▐ Operating ▌
work day  8:00      17:00
```

```
🕑 W2                20:30 (THU)
Day  SUN MON TUE │WED│ THU FRI SAT
1. 8:00    START COOL  24℃ 🔒1
2. 17:00   STOP
3. --:--   --- ---     --℃ --
◄ ►Day              [↵]Set
```
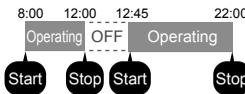
• The setting registered for 1 day can be copied to other days. (P.24)

2. Set the temperature higher after the fixed time.

```
     8:00        17:00      22:00
     ▐ Operating (26 °C) │ (28 °C) ▌
   Start &        TEMP       Stop
   TEMP
```

```
🕑 W2                20:30 (THU)
Day  SUN MON TUE WED │THU│ FRI SAT
1. 8:00    START COOL  26℃ 🔒1
2. 17:00   START COOL  28℃ 🔒1
3. 22:00   STOP
◄ ►Day              [↵]Set
```

3. Stop operation during lunch break.

```
     8:00  12:00 12:45        22:00
     ▐ Operating│OFF│ Operating ▌
   Start   Stop Start        Stop
```

```
🕑 W2                20:30 (THU)
Day  SUN MON TUE WED │THU│ FRI SAT
1. 8:00    START COOL  26℃ 🔒1
2. 12:00   STOP
3. 12:45   START COOL  26℃ 🔒1
◄ ►Day              [↵]Set
```

4. This Thursday is a holiday.

The timer can be disabled only for the specified days with the registered schedules kept. (P.25)
• Disable (☐) the timer of the specific Thursday which falls on a holiday.
• Enable (☑) the timer after the holiday is over.

```
🕑 W2                20:30 (THU)
Select enable☑/disable☐
   SUN MON TUE WED THU FRI SAT
    ☐  ☑   ☑   ☑  ☐  ☑  ☐
◄ ►Day   ⬍ ☑/☐    [↵]Register
```

Timer Reservation

New registration

The screens show examples when the following content is registered using the timer group W2.
• The cooling operation starts with 28 °C at 10:40 a.m. every Thursday while [🔒 1] is assigned to the remote control. (P.23)

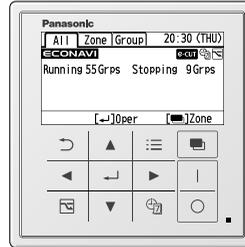**1** **Display the weekly timer setting screen.**

Press 🗓️.

- ● **To return to the previous screen**
  Press ⤺.
- ● **To exit the timer setting screen.**
  Press 🗓️.

```
Panasonic
[ All ] Zone Group   20:30 (THU)
ECONAVI              e-cut ✎⊠
Running 55Grps  Stopping  9Grps


        [↵]Oper    [■]Zone
 ⤺    ▲    ≔    ▣
 ◄    ↵    ►    |
 ⊠    ▼    🗓️    ○    ■
```

2 **Select [Select target].**

▲ ▼ → ↵

```
🗓️Weekly timer      20:30 (THU)
Select target
Register timer group
Register special holiday
Copy function
 ↓ Sel.           [↵]Set
```

3 **Select the target.**

■ All/Zone

Press ◄ ► (or ▣) → ↵.

• Press ◄ ► or ▣ to select [All] or [Zone].

| All | ↔ | Zone 1 | ↔ ····· ↔ | Zone 4 |
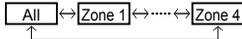
* Zone and Group names can be changed. (P.50)

```
🗓️Select target     20:30 (THU)
◄      All      ►      64Group
Group  1            Not RGSTR
Group  2            Not RGSTR
Group  3            Not RGSTR
◄↓►Sel.           [↵]Set
```

■ Group

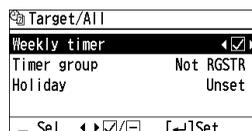▼ → ↵
• Press ▲ ▼ ◄ ► to select the group.

| Group 1 |
| Group 2 |
⋮
| Group 16 |

* All : Max. 64 groups
  Zone : Max. 16 groups

```
🗓️Select target     20:30 (THU)
◄    Zone  1    ►      16Group
Group  1            Not RGSTR
Group  2            Not RGSTR
Group  3            Not RGSTR
◄↓►Sel.           [↵]Set
```

```
🗓️Select target     20:30 (THU)
     Zone  1         1/16Group
Group  1            Not RGSTR
Group  2            Not RGSTR
Group  3            Not RGSTR
↕►Sel.            [↵]Set
```
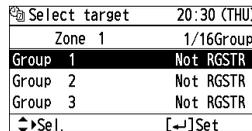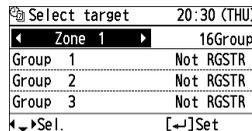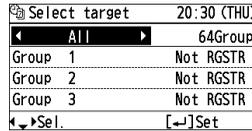
4 **Set [Weekly timer] to [☑] (Enable).**

▲ ▼ → ◄ ► (or ▣)
• Press ▲ ▼ to select the item, and press ◄ ► to select [☑] (Enable)/[—] (Disable).

```
🗓️Target/All
Weekly timer             ◄☑►
Timer group         Not RGSTR
Holiday             Unset

 ↓ Sel.  ◄►☑/—   [↵]Set
```

Timer Reservation (continued)

5 Select [Timer group].

▲ ▼ → ⏎

```
Target/All
Weekly timer            ☑
Timer group      ◀Not RGSTR▶
Holiday              Unset

⬍ Sel.  ◀▶Change  [⏎]Set
```

6 Select the weekly timer group.

▲ ▼ → ⏎
• Press ▲ ▼ to select the group from W1 to W8 to register.

```
Timer group      20:30 (THU)
 ☑:Enable   ⊟:Disable
Group SUN MON TUE WED THU FRI SAT
 W2   ─   ─   ─   ─   ─   ─   ─

⬍ Sel.          [⏎]Register
```

7 Enable [☑] all days on which the timer is used.

◀ ▶ → ▲ ▼ (or 🔲) (repeat) → ⏎
• Press ◀ ▶ to select the days, and press ▲ ▼ or 🔲 to select [☑] (Enable)/[⊟] (Disable).

```
W2               20:30 (THU)
Select enable☑/disable⊟
 SUN MON TUE WED THU FRI SAT
 ─   ─   ─   ─   ✓   ─   ─
◀ ▶Day  ⬍ ☑/⊟  [⏎]Register
```

8 Select the day for the timer setting.

◀ ▶

```
W2               20:30 (THU)
Day  SUN MON TUE WED THU FRI SAT
1.─:─   ──── ────  ──℃ ──
2.─:─   ──── ────  ──℃ ──
3.─:─   ──── ────  ──℃ ──
◀ ▶Day          [⏎]Set
```

9 Select the field to register the timer setting.
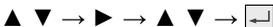
▲ ▼ → ⏎
• Up to 8 settings are available for each day.
• After registration, the items are arranged in time series automatically.

```
W2               20:30 (THU)
Day  SUN MON TUE WED THU FRI SAT
1.─:─   ──── ────  ──℃ ──
2.─:─   ──── ────  ──℃ ──
3.─:─   ──── ────  ──℃ ──
⬍ Sel.          [⏎]Set
```

10 Set the start time for the timer operation.

hour   minute
▲ ▼ → ▶ → ▲ ▼ → ⏎

```
W2/THU/No.1      20:30 (THU)
Set the time
       10 : 40

⬍ Change  ▶Min  [⏎]Next
```
• 0:00 to 23:59

11 **Set.**

$\boxed{\blacktriangle \ \blacktriangledown} \rightarrow \boxed{\blacktriangleleft \ \blacktriangleright} \rightarrow \boxed{\leftarrow}$
(repeat)
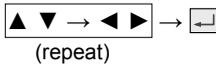
■ **Timer operation**

● **Types of timer operation**
• START: Starts operation.
• STOP: Stops operation.

⏱ W2/THU /No. 1			20:30 (THU)
Time	**START STOP**	MODE	TEMP : R/C🔒
10:40	START ▸	-----	--℃ : --
[■]Delete		[↵]Confirm	
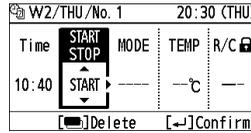
■ **Operation mode**

● **Types of operation mode**
• COOL
• FAN
• AUTO
• HEAT
• DRY

⏱ W2/THU /No. 1			20:30 (THU)
Time	START STOP	**MODE**	TEMP : R/C🔒
10:40	START	◂ COOL ▸	--℃ : --
[■]Delete		[↵]Confirm	

■ **Temperature**

⏱ W2/THU /No. 1			20:30 (THU)
Time	START STOP	MODE	**TEMP** : R/C🔒
10:40	START	COOL	◂ 28℃ ▸ : --
[■]Delete		[↵]Confirm	

■ **Disabling the remote control**

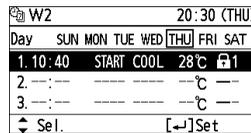| ⏱ W2/THU /No. 1			20:30 (THU)
Time	START STOP	MODE	TEMP : **R/C🔒**
10:40	START	COOL	28℃ : ◂🔒1 ▸
[■]Delete		[↵]Confirm	
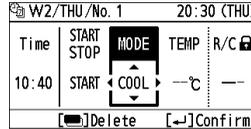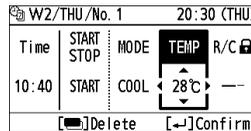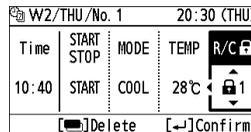
* This can be set when the operation mode is in "Central control mode". (P.7)

12 **Confirm the setting content.**
Confirm and press 🔲.
(Press 2 times to finish.)

⏱ W2		20:30 (THU)
Day	SUN MON TUE WED THU FRI SAT	
1. 10:40	START COOL	28℃ 🔒1
2. --:--	---- ----	--℃ --
3. --:--	---- ----	--℃ --
↕ Sel.		[↵]Set

Note

● When [FAN] is set, the temperature cannot be set.

⏱ W2 /THU /No. 1	20:30 (THU)
Temp cannot be set while in FAN mode.	
[↩]Close	
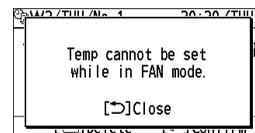
● **To perform additional registration**
Repeat from step 9 without pressing 🔲.
● **To copy the setting content to other days** (P.24)

Timer Reservation (continued)

Copying settings

Timer group copy
This copies the registered timer group to another timer group.
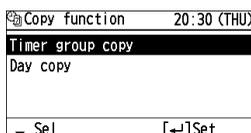Use this setting to apply the same schedule to multiple groups.

Day copy
This copies the registered schedule to other days.
Use this setting to apply the same schedule to multiple days.

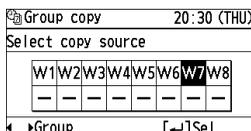**1** **Select [Copy function] on the weekly timer setting screen** (P.21)**.**

▲ ▼ → ↵
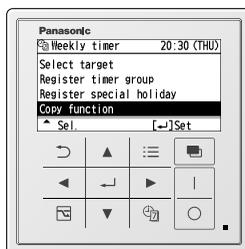
2 **Select the item.**

▲ ▼ → ↵

Timer group copy

3 **Select the copy source.**

◄ ► → ↵

4 **Select [☑] for all copy destinations.**

▲ ▼ → ◄ ► → ↵
(Repeat)
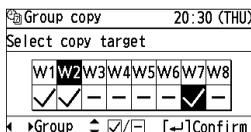
5 **Select [YES].**

◄ ► → ↵ → 🗒
(Select [🗒] twice to finish.)
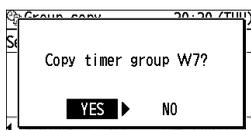
Day copy

3 **Select the copy source.**

◄ ► → ⏎

```
🗓 Day copy          20:30 (THU)
Select copy source
┌─────┐ SUN MON TUE WED THU FRI SAT
│Group│
│ W1  │  —   —   —   —   —   —   —
└─────┘
 ⬍ Group  ◄ ►Day    [⏎]Sel.
```

4 **Select [☑] for all copy destinations.**

▲ ▼ → ◄ ► → ⏎
(Repeat)
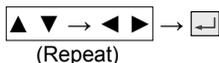
```
🗓 Day copy          20:30 (THU)
Select copy target
┌─────┐ SUN MON TUE WED THU FRI SAT
│Group│
│ W1  │  —   —   ☑   ☑   —   ☑   —
└─────┘
◄ ►Day    ⬍ ☑/⊟   [⏎]Confirm
```

5 **Select [YES].**

◄ ► → ⏎ → 🗓
(Select [🗓] twice to finish.)

```
  Day copy          20:30 (THU)

        Copy Friday data?

          YES ►    NO

```

Setting holiday

You can set the timer to OFF for specific days, such as national holidays.

1 **Select [Register special holiday] on the weekly timer setting screen** (P.21)**.**

▲ ▼ → ⏎

```
🗓 Weekly timer      20:30 (THU)
Select target
Register timer group
Register special holiday
Copy function
 ⬍ Sel.           [⏎]Set
```

2 **Select the weekly timer group.**

▲ ▼ → ⏎

```
🗓 Holiday           20:30 (THU)
        ⊙:Enable  ⊟:Disable
┌─────┐ SUN MON TUE WED THU FRI SAT
│Group│
│ W2  │  —   —   —   —   —   —   —
└─────┘
 ⬍ Sel.           [⏎]Register
```
• W1 to W8

3 **Select the day for Holiday.**

◄ ►

```
🗓 Holiday/W2        20:30 (THU)
Select enable⊙/disable⊟

  SUN MON TUE WED THU FRI SAT
   —   —   —   —   —   —   —
◄ ►Day    ⬍ ⊙/⊟   [⏎]Confirm
```

4 **Switch the Holiday setting.**

▲ ▼ → ⏎ → 🗓
(Press 2 times to finish.)

```
🗓 Holiday/W2        20:30 (THU)
Select enable⊙/disable⊟

  SUN MON TUE WED THU FRI SAT
   —   —   —   —   —   ⊙   —
◄ ►Day    ⬍ ⊙/⊟   [⏎]Confirm
```
⊙: Set
⊟: Not set

Changing or Deleting Timer Reservation

1 After steps 8 on page 22, select the day to change or delete.

◄ ►

```
⌚W2                20:30 (THU)
Day  SUN MON TUE WED THU FRI SAT
1. 8:00    START COOL  26℃ 🔒1
2. 17:00   START COOL  28℃ 🔒1
3. 22:00   STOP
◄  ►Day            [↵]Set
```

2 Select the schedule to change or delete.

▲ ▼ → ↵

```
⌚W2                20:30 (THU)
Day  SUN MON TUE WED THU FRI SAT
1. 8:00    START COOL  26℃ 🔒1
2. 17:00   START COOL  28℃ 🔒1
3. 22:00   STOP
⇕ Sel.             [↵]Set
```

3 Select [Change] or [Delete].

▲ ▼ → ↵

```
⌚W2/THU            20:30 (THU)
Select change/delete No. 1
        Change
        Delete

▾ Sel.            [↵]Next
```

4 Perform [Change] or [Delete] as follows.

- **To change the setting,** following steps 10 to 12 on page 22, 23, set operation mode, temperature and disabling the remote control and confirm the content.
- **To delete the setting,** select [YES].

◄ ► → ↵ → 🕖

(Press 2 times to finish.)

```
⌚W2/THU            20:30 (THU)
S┌───────────────────────┐
 │   Delete all data for │
 │   W2/Thursday No. 1?  │
 │                       │
 │     YES ►    NO       │
 └───────────────────────┘
```

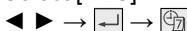● To change or delete settings repeatedly: Repeat from step 1 without pressing 🕖.

Note

● To delete all schedules of selected days

1 Select the day in step 1 above and press ↵.

2 Select [Delete all: THU] with ▲ ▼ and press ↵.

3 Select [YES].

◄ ► → ↵ → 🕖

(Press 2 times to finish.)

```
⌚W2/THU            20:30 (THU)
S┌───────────────────────┐
 │   Delete all data     │
 │   registered for      │
 │   W2/Thursday?        │
 │     YES ►    NO       │
 └───────────────────────┘
```

Menu List

1 **Display the menu screen.**

⊟
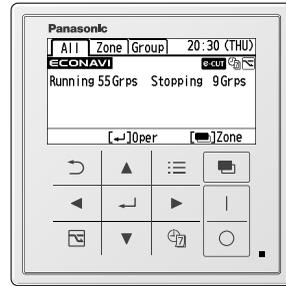
To return to the previous screen
Press ↩.
When no operation is performed in each setting screen for several minutes
The unit returns to the standby screen.
When moving to the next or previous page
Press ◄ ►.

```
Panasonic
┌─────┬─────┬─────┐  20:30 (THU)
│ All │Zone │Group│
├─────┴─────┴─────┤  e-CUT
│ ECONAVI
│ Running 55Grps  Stopping  9Grps
│
│          [↵]Oper    [■]Zone
└─────────────────────────────┘
   ↩      ▲      ☰      ▣
   ◄      ↵      ►      |
   ▣      ▼      ◷      ○
```

→

2 **Select the menu item.**

▲ ▼ → ↵

● **Selectable menus**

```
Menu              20:30 (THU)
 1. Energy saving
 2. Password
 3. Filter info
 4. Prohibit R/C
⌄ Sel.    ▶ Page    [↵]Confirm
```

```
Menu              20:30 (THU)
 4. Prohibit R/C
 5. Quiet operation
 6. Initial settings
 7. Setting list
⬍ Sel.  ◄ ▶ Page   [↵]Confirm
```

Note

● If a password has been set, the password entry screen is displayed after any of the following operations.
  • After operating [1. Energy saving] in the menu
  • After operating the ☰ button and ◷ button
  • After operating all buttons
For password, see Password Setting. (P.44)

Menu List (continued)

● Menu items

Energy saving	The energy saving functions shown on the below can be set individually aside from the 🔲 (Energy saving) button.	P.29
Password change*	Sets the administrator password.	P.44
Filter info☆	Confirms and resets the time to filter cleaning.	P.46
Prohibit R/C	Sets whether to enable or disable the use of the remote control.	P.59
Quiet operation☆	Performs quiet operation for outdoor units.	P.48
Initial settings	—	P.49
Setting list	Confirms the meanings of setting information icons.	P.56

[Energy saving] details

ECONAVI☆	Makes the ECONAVI setting to ON/OFF.	P.29
Energy Saving function (P.6)		
Temp auto return☆	Restores the temperature after the set time has elapsed even if the temperature is changed.	P.30
Temp range☆	Restricts the temperature range that can be set.	P.32
Auto shutoff	Sets the auto shutoff timer.	P.34
Peak cut☆	Determines the time zone or operates from outside for the energy saving operation.	P.36
Repeat off timer	Stops operation after a certain period of time each time operation is performed.	P.42

[Password change*] details

Energy Saving function (P.6)		
ID number	Enter the password.	P.44
Target range	Sets the password-covered range.	

[Filter info*] details

Filter sign	Resets the time to cleaning.	P.46
Next filter cleaning time	Confirms the time to the next cleaning.	

[Initial settings] details

Clock	Sets the present date and time.	P.49
Clock type	Sets the type of clock display.	
Operation lock	Locks the button operations.	
Zone/Group name	Sets names for zones and groups.	P.50
Touch sound	Turns the operation sound ON/OFF.	
Contrast	Sets the screen contrast.	
Backlight	Sets the backlight brightness of the screen.	P.52
Language	Sets the display language for the top screen.	
Contact address	Confirms the contact address and telephone number for servicing.	

[Setting list] details

Group information	Displays the group setting information.	P.54
Setup info	Displays the setting information of all of the connected groups.	

☆ Depending on the model, some menus cannot be used. The following display appears.
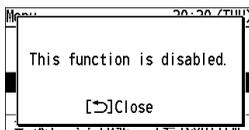
* The administrator password is required for setting.

ECONAVI Setting

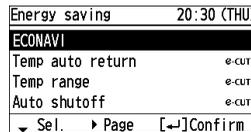**Sets the ECONAVI operation to ON/OFF.**

1 **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ↵

● **To return to the previous screen**
Press ⤺.
● **To return to the standby screen**
Press ☰ 2 times.

```
Panasonic
Menu              20:30 (THU)
 1. Energy saving
 2. Password
 3. Filter info
 4. Prohibit R/C
 ▼ Sel.   ▶ Page   [↵]Confirm
```

2 **Select [ECONAVI].**
▲ ▼ → ↵

```
Energy saving     20:30 (THU)
 ECONAVI
 Temp auto return      e·CUT
 Temp range            e·CUT
 Auto shutoff          e·CUT
 ▼ Sel.   ▶ Page   [↵]Confirm
```

3 **Select the target.**

■ All/Zone

◄ ► (or 🖵) → ↵

• Press ◄ ► or 🖵 to select [All] or [Zone].

All ↔ Zone 1 ↔ ..... ↔ Zone 4

```
ECONAVI/Select target
 ◄     All      ▶    64Group
 Group  1              OFF
 Group  2              OFF
 Group  3              OFF
 ◄▼►Sel.          [↵]Set
```

■ Group

◄ ► (or 🖵)

• Press ◄ ► or 🖵 to select [All] or [Zone].

All ↔ Zone 1 ↔ ..... ↔ Zone 4

```
ECONAVI/Select target
 ◄    Zone 1    ▶    16Group
 Group  1              OFF
 Group  2              OFF
 Group  3              OFF
 ◄▼►Sel.          [↵]Set
```

▲ ▼ → ☰
• Press ▲ ▼ to select [Group].

Group 1 ↔ Group 2 ↔ ..... ↔ Group 16

* All :Max. 64 groups
  Zone :Max. 16 groups

```
ECONAVI/Select target
    Zone 1        1/16Group
 Group  1              OFF
 Group  2              OFF
 Group  3              OFF
 ↕►Sel.           [↵]Set
```
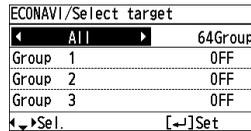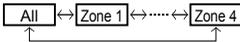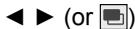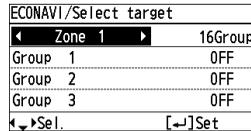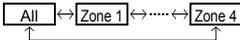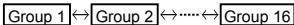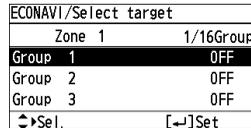
4 **Set the ECONAVI to [ON].**

▲ ▼ → ↵ → ☰
　　　　　　(Press 2 times to finish.)
• Press ▲ ▼ to select [ON] or [OFF].

```
ECONAVI/All
          ▲
         ON
          ▼
 ↕ Change        [↵]Confirm
```
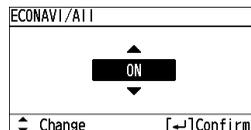
Temperature Auto Return

Restores the temperature after the set time has elapsed even if the temperature is changed.

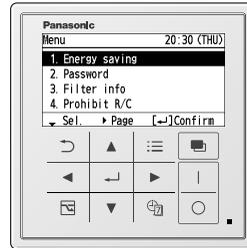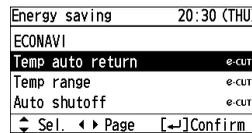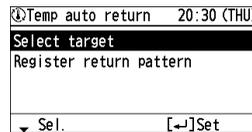**1** **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ↵

- ● **To return to the previous screen**
  Press ↩.
- ● **To return to the standby screen**
  Press ▤ 2 times.

```
Panasonic
Menu                    20:30 (THU)
1. Energy saving
2. Password
3. Filter info
4. Prohibit R/C
  Sel.    Page    [↵]Confirm
```

2 **Press [Temp auto return].**

▲ ▼ → ↵

```
Energy saving          20:30 (THU)
ECONAVI
Temp auto return            e-CUT
Temp range                  e-CUT
Auto shutoff                e-CUT
  Sel.   Page    [↵]Confirm
```

3 **Select [Select target].**

▲ ▼ → ↵

```
Temp auto return       20:30 (THU)
Select target
Register return pattern


  Sel.           [↵]Set
```

4 **Select the target.** (See P.29 step 3.)

◄ ► (or ▣) → ▲ ▼ → ↵

- • Press ◄ ► or ▣ to select [All] or [Zone], and press ▲ ▼ to select [Group].

```
Select target
   All                64Group
Group  1            Not RGSTR
Group  2            Not RGSTR
Group  3            Not RGSTR
Sel.               [↵]Set
```

5 **Set [Auto return] to [☑].**

◄ ►

```
Target/All
Auto return              ◄☑►
Return pattern       Not RGSTR


  Sel.   ☑/☐
```
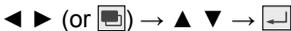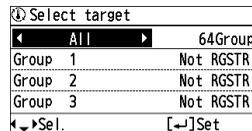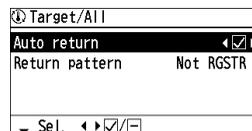
6 **Select the return pattern.**

▲ ▼ → ◄ ► (or ▣) → ↵

- • Press ▲ ▼ to select [Return pattern], and press ◄ ► or ▣ to select the pattern No.

```
Target/All
Auto return                 ☑
Return pattern          ◄No. 1►


  Sel.  Change   [↵]Set
```
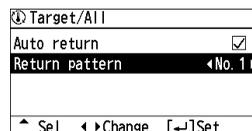
7 **Check the [Return pattern] contents, and make the setting if necessary.**

▲ ▼ → ↵

- • Press ▲ ▼ to select the pattern No. to set.
- • Up to 8 patterns can be registered.

```
Pattern content       20:30 (THU)
Pattern  COOL/DRY        HEAT
No. 1        ☐             ☐
No. 2        ☐             ☐
No. 3        ☐             ☐
  Sel.           [↵]Set
```
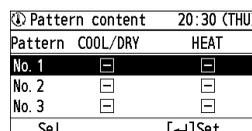
8 **Select the item to set, and set to [☑].**

▲ ▼ → ◄ ► (or 🖵) → ⏎

• COOL Temperature rising direction
• HEAT Temperature falling direction

```
🕐Pattern1          20:30 (THU)
COOL/DRY   In 30 m  30℃  ◄☑►
HEAT       In 30 m  16℃   ⊟
Return type              Saving
─────────────────────────────
↴ Sel.  ◄ ►☑/⊟    [⏎]Set
```

9 **Set the time to return to the set temperature.**

▲ ▼ → ⏎
• 10 to 240 min (by the 10 min)

```
🕐COOL/DRY          20:30 (THU)
Set the time
                ▲
        In    30   min
                ▼
─────────────────────────────
↕ Change          [⏎]Temp
```

10 **Set the temperature.**

▲ ▼ → ⏎ → ☰
(Press 2 times to finish.)

Setting range
• COOL/DRY : 18 °C to 30 °C
• HEAT : 16 °C to 30 °C*
* The upper limit temperature of gas heat pump air conditioner is 26 °C.

```
🕐COOL/DRY          20:30 (THU)
Set temperature

        30   ℃
                ▼
─────────────────────────────
↴ Change        [⏎]Confirm
```

■ **To set in series**   Repeat from step 7 without pressing ☰.

Note

● To operate only when energy can be saved, select [Return type] in step 8.

```
🕐Pattern1          20:30 (THU)
COOL/DRY   In 30 m  30℃   ☑
HEAT       In 30 m  16℃   ⊟
Return type            ◄Saving►
─────────────────────────────
↑ Sel.  ◄ ►Change
```

When [Return type] is set to [Saving], this functions only when the temperature set in step 10 saves more energy than the changed temperature.
e.g. When Cool 26 °C is set and the temperature is changed to 28 °C
• [Saving]: Keeps 28 °C
• [Normal]: Returns to 26 °C
● The temperature range that can be set varies depending on the model.

Temperature Range Restriction
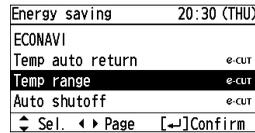
Restricts the temperature range that can be set.
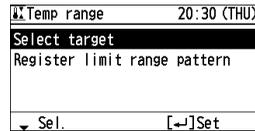
1 **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ↵

● **To return to the previous screen**
Press ⏎.
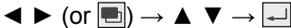● **To return to the standby screen**
Press ☰ 2 times.

```
Panasonic
Menu              20:30 (THU)
1. Energy saving
2. Password
3. Filter info
4. Prohibit R/C
 Sel.    ▸Page   [↵]Confirm
```

2 **Select [Temp range].**

▲ ▼ → ↵

```
Energy saving     20:30 (THU)
ECONAVI
Temp auto return          e-CUT
Temp range                e-CUT
Auto shutoff              e-CUT
 Sel.  ◂▸Page   [↵]Confirm
```

3 **Select [Select target].**

▲ ▼ → ↵

```
↕Temp range       20:30 (THU)
Select target
Register limit range pattern

 Sel.            [↵]Set
```

4 **Select the target.** (See P.29 step 3.)

◄ ► (or 🖼) → ▲ ▼ → ↵

• Press ◄ ► or 🖼 to select [All] or [Zone], and press ▲ ▼ to select [Group].

```
↕ Select target
◂      All      ▸      64Group
Group  1            Not RGSTR
Group  2            Not RGSTR
Group  3            Not RGSTR
◂ ▸Sel.          [↵]Set
```

5 **Set [Temp range] to [☑].**

◄ ► (or 🖼)

```
↕Target/All
Temp range              ◂☑▸
Limit RNG PTTRN    Not RGSTR


 Sel.   ◂▸☑/☐
```
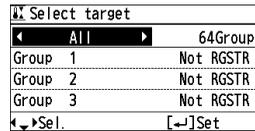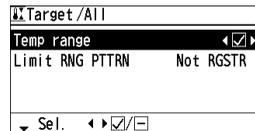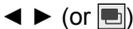
6 **Select [Limit RNG PTTRN].**

▲ ▼ → ◄ ► (or 🖼) → ↵

• Press ▲ ▼ to select [Limit RNG PTTRN], and press ◄ ► or 🖼 to select the pattern No.

```
↕Target/All
Temp range                  ☑
Limit RNG PTTRN        ◂No. 1▸

 Sel.   ◂▸Change [↵]Set
```

7 **Check the [Limit RNG PTTRN] contents, and make the setting if necessary.**

▲ ▼ → ⏎

• Press ▲ ▼ to select the pattern No. to set.
• Up to 8 patterns can be registered.

🔒 Pattern content	20:30 (THU)
Pattern COOL/DRY	HEAT
No. 1 ⊟	⊟
No. 2 ⊟	⊟
No. 3 ⊟	⊟
▾ Sel.	[⏎]Set

8 **Select the item to set, and set to [☑].**

▲ ▼ → ◄ ► (or 🖥) → ⏎

🔒 Pattern1	20:30 (THU)
Lower limit — Upper limit	
COOL/DRY 18℃ — 30℃	◄☑►
HEAT 16℃ — 26℃	⊟
▾ Sel. ◄ ►☑/⊟	[⏎]Set

9 **Set the temperature range.**

▲ ▼ → ► → ▲ ▼ → ⏎ → 🗏
　　　　　　　　(Press 2 times to finish.)

Setting range
• COOL/DRY : 18 °C to 30 °C
• HEAT : 16 °C to 30 °C*
* The upper limit temperature of gas heat pump air conditioner is 26 °C.

🔒 COOL/DRY	20:30 (THU)
Set the lower limit	
18℃ - 30℃	
▴ Change ► Upper limit	

● **To set in series**　　Repeat from step 7 without pressing 🗏.

Note

● The temperature range that can be set varies depending on the model.

Auto Shutoff Setting

Stop time / End time / Timer

When the operation is stopped at a specified time (e.g. closing time) and resumed afterwards, this function detects the operation status at regular time intervals and stops operation automatically. Detect the operation status at regular time intervals and stop the operation automatically. (e.g. 60 min)
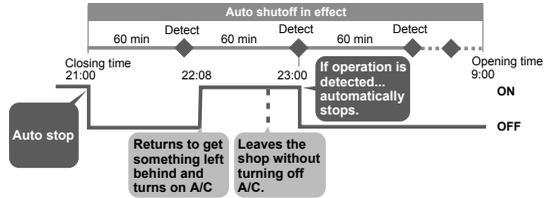
1 **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⤺.
- **To return to the standby screen**
  Press ☰ 2 times.
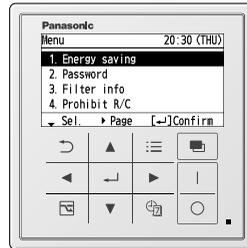
2 **Select [Auto shutoff].**

▲ ▼ → ↵
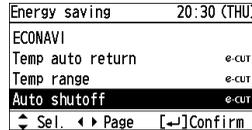
3 **Select [Select target].**

▲ ▼ → ↵

4 **Select the target.** (See P.29 step 3.)

◄ ► (or ▣) → ▲ ▼ → ↵
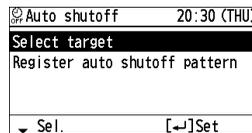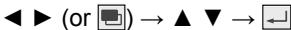
- Press ◄ ► or ▣ to select [All] or [Zone], and press ▲ ▼ to select [Group].
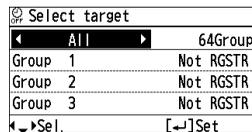
5 **Set [Auto shutoff] to [☑].**

◄ ► (or ▣)
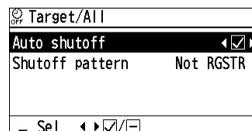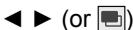
6 **Select [Shutoff pattern].**

▲ ▼ → ◄ ► (or 🖵) → ↵

- Press ▲ ▼ to select [Shutoff pattern], and press ◄ ► or 🖵 to select the pattern No.

```
⏽ Target/All
Auto shutoff                    ☑
Shutoff pattern            ◄No. 1►

 ▲ Sel.  ◄ ►Change   [↵]Set
```

7 **Check the [Shutoff pattern] contents, and make the setting if necessary.**

▲ ▼ → ↵

- Press ▲ ▼ to select the pattern No. to set.
- Up to 8 patterns can be registered.

```
⏽ Pattern content    20:30 (THU)
Pattern  Stop      End      Timer
No. 1   21:00     9:00       60m
No. 2   21:00     9:00       60m
No. 3   21:00     9:00       60m
 ▼ Sel.            [↵]Set
```

8 **Select the item to set.**

▲ ▼ → ↵

```
⏽ Pattern1           20:30 (THU)
Stop time                    21:00
End time                      9:00
Timer           Stops in  60 m

 ▼ Sel.            [↵]Set
```

Stop time
Time to stop operation (Time when Auto shutoff is activated)

9 **Set.**

hour   minute
▲ ▼ → ► → ▲ ▼ → ↵ → ☰
(Press 2 times to finish.)

```
⏽ Pattern1           20:30 (THU)
Set the stop time
          ▲
        21 : 00
          ▼
 ↕ Change   ►Min
```

End time
Time when Auto shutoff stops

9 **Set.**

hour   minute
▲ ▼ → ► → ▲ ▼ → ↵ → ☰
(Press 2 times to finish.)

```
⏽ Pattern1           20:30 (THU)
Set the end time
          ▲
         9 : 00
          ▼
 ↕ Change   ►Min
```

Timer
Time interval to detect operation status after [Stop time]

9 **Set.**

▲ ▼ → ↵ → ☰
(Press 2 times to finish.)

```
⏽ Pattern1           20:30 (THU)
Set timer
              ▲
 Stops in    60  min
              ▼
 ↕ Change         [↵]Confirm
```

- 10 min to 180 min (by the 10 min)

Peak Cut Setting

Schedule peak cut

Reduces the maximum power by specifying the maximum power for each time zone. (P.6)

1 **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⤺.
- **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                    20:30 (THU)
 1. Energy saving
 2. Password
 3. Filter info
 4. Prohibit R/C
   Sel.    ▸ Page    [↵]Confirm
```

2 **Select [Peak cut].**

▲ ▼ → ↵

```
Energy saving           20:30 (THU)
Temp auto return            e-CUT
Temp range                  e-CUT
Auto shutoff                e-CUT
Peak cut                    e-CUT
  Sel.   ◂ ▸ Page    [↵]Confirm
```

3 **Set [Schedule peak cut] to [☑].**

◀ ▶ (or ▣)

```
Peak cut                20:30 (THU)
Schedule peak cut         ◂☑▸
Set schedule


  Sel.  ◂ ▸☑/⊟
```

4 **Select [Set schedule].**

▲ ▼ → ↵

```
Peak cut                20:30 (THU)
Schedule peak cut           ☑
Set schedule


  Sel.           [↵]Set
```

5 **Change the setting.**

Select the field to register.

▲ ▼ → ↵

```
Peak cut                20:30 (THU)
1. --:--    —   --:--      --%
2. --:--    —   --:--      --%
3. --:--    —   --:--      --%
4. --:--    —   --:--      --%
  Sel.           [↵]Set
```

6 **Set the start time and end time.**

▲ ▼ → ▶ → ▲ ▼ → ↵

```
No. 1                   20:30 (THU)
Set the start time

        12 : 00

  Change   ▸ Min
```

7 **Select the operation capacity.**

▲ ▼ → ↵ → ☰

(Press 2 times to finish.)

```
No. 1              20:30 (THU)
Set operation capacity
▲
        80 %
▼
‹ Change          [↵]Confirm
```

● **To set in series**
Repeat from step 4 without pressing ☰.

● **To change**
• Select the field to change in step 5 on the previous page.

```
Peak cut           20:30 (THU)
1. 12:00    —    16:00     80 %
2. —:—      —    —:—       —— %
3. —:—      —    —:—       —— %
4. —:—      —    —:—       —— %
▼ Sel.            [↵]Change
```
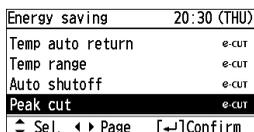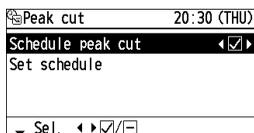
• Select [Change].
   ▲ ▼ → ↵
• Following the above steps 6 to 7, select the start time, end time and operation capacity.

```
Peak cut           20:30 (THU)
Select change/delete No. 1
        Change
        Delete

▼ Sel.            [↵]Next
```

● **To delete**
• Select the field to delete in step 5 on the previous page.

```
Peak cut           20:30 (THU)
1. 12:00    —    16:00     80 %
2. —:—      —    —:—       —— %
3. —:—      —    —:—       —— %
4. —:—      —    —:—       —— %
▼ Sel.            [↵]Change
```

• Select [Delete].
   ▲ ▼ → ↵

```
Peak cut           20:30 (THU)
Select change/delete No. 1
        Change
        Delete

▲ Sel.            [↵]Next
```

• Select [YES].
   ◄ ► → ↵ → ☰

(Press 2 times to finish.)

```
Peak cut           20:30 (THU)
S┌─────────────────────────┐
 │ Delete Registration No. 1? │
 │                            │
 │   YES ►     NO             │
 └─────────────────────────┘
S            [↵]Next
```

Note

This unit is equipped with the following 3 settings. Any of them is set at the time of installation.
• Schedule peak cut (P.36) • External input peak cut (P.38) • Schedule energy saving (P.40)
For detailed settings, see each page.
The peak cut setting operation is the same as that for schedule peak cut.

Peak Cut Setting (continued)

External input peak cut

Reduces the maximum power using external equipment. (P.6)

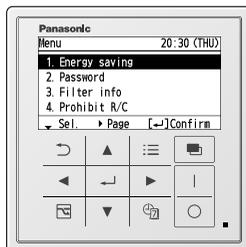**1** Select [Energy saving] on the menu screen. (P.27)

▲ ▼ → ↵

- ● **To return to the previous screen**
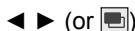 Press ⤺.
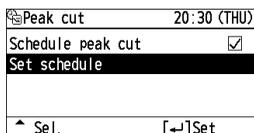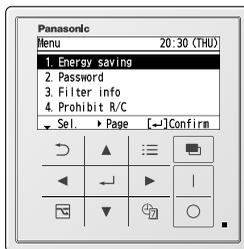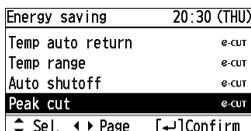- ● **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                  20:30 (THU)
 1. Energy saving
 2. Password
 3. Filter info
 4. Prohibit R/C
  Sel.    ▶ Page   [↵]Confirm
```

2 Select [Peak cut].

▲ ▼ → ↵

```
Energy saving          20:30 (THU)
Temp auto return          e-CUT
Temp range                e-CUT
Auto shutoff              e-CUT
Peak cut                  e-CUT
 ⬍ Sel.  ◀▶ Page   [↵]Confirm
```

3 Set [External input peak cut] to [☑].

◀ ▶ (or ▣)

```
Peak cut               20:30 (THU)
External input peak cut  ◀☑▶
Peak cut settings



  ↓ Sel.  ◀▶☑/⊟
```
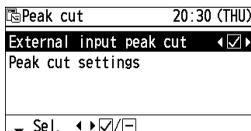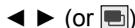
4 Select [Peak cut settings].
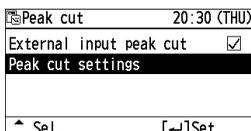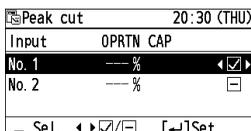
▲ ▼ → ↵

```
Peak cut               20:30 (THU)
External input peak cut    ☑
Peak cut settings



  ↑ Sel.           [↵]Set
```

5 Change the setting.

Select the field to register.

▲ ▼ → ↵

```
Peak cut               20:30 (THU)
Input       OPRTN CAP
No. 1       ――%          ◀☑▶
No. 2       ――%           ⊟
  ↓ Sel.  ◀▶☑/⊟   [↵]Set
```

6 **Select the operation capacity.**

▲ ▼ → ⏎ → ☰

(Press 2 times to finish.)

▤No. 1	20:30 (THU)
Set operation capacity	
80 %	
↕ Change	[⏎]Confirm

● **To set in series**
Repeat from step 4 without pressing ☰.

● **To change**
• Select the field to change in step 5 on the previous page.

▤Peak cut		20:30 (THU)
Input	OPRTN CAP	
No. 1	80 %	◀☑▶
No. 2	--- %	⊟
↓ Sel.	◀▶☑/⊟	[⏎]Change

• **Select [Change].**
    ▲ ▼ → ⏎
• Following the above step 6, select the operation capacity.

▤Peak cut	20:30 (THU)
Select change/delete No. 1	
Change	
Delete	
↓ Sel.	[⏎]Next

● **To delete**
• Select the field to delete in step 5 on the previous page.

▤Peak cut		20:30 (THU)
Input	OPRTN CAP	
No. 1	80 %	◀☑▶
No. 2	--- %	⊟
↓ Sel.	◀▶☑/⊟	[⏎]Change

• Select [Delete].
    ▲ ▼ → ⏎

▤Peak cut	20:30 (THU)
Select change/delete No. 1	
Change	
Delete	
↑ Sel.	[⏎]Next

• Select [YES].
    ◀ ▶ → ⏎ → ☰
(Press 2 times to finish.)

▤Peak cut	20:30 (THU)
Delete Registration No. 1?	
YES ▶ NO	

Note

This unit is equipped with the following 3 settings. Any of them is set at the time of installation.
• Schedule peak cut (P.36) • External input peak cut (P.38) • Schedule energy saving (P.40)
For detailed settings, see each page.

Peak Cut Setting (continued)

Schedule energy saving / Efficient operation (When using a gas heat pump air conditioner)

Reduces the maximum power only for the specified time zone. (P.6)

1 **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ⏎

- ● **To return to the previous screen**
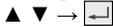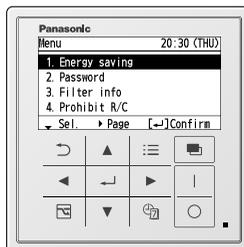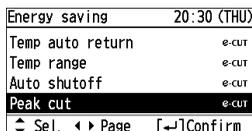 Press ⏎.
- ● **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                    20:30 (THU)
1. Energy saving
2. Password
3. Filter info
4. Prohibit R/C
  Sel.    ▶ Page   [↵]Confirm
   ↰      ▲      ☰      ▣

   ◀      ↵      ▶      |

   ▢      ▼      ⎘      ○          ▪
```

2 **Select [Peak cut].**

▲ ▼ → ⏎

```
Energy saving          20:30 (THU)
Temp auto return              e-CUT
Temp range                    e-CUT
Auto shutoff                  e-CUT
Peak cut                      e-CUT
  ↕ Sel.  ◀ ▶ Page  [↵]Confirm
```

3 **Select [Select target].**

▲ ▼ → ⏎

```
◵Schedule E-saving  20:30 (THU)
Select target
Register E-saving pattern


  ↓ Sel.           [↵]Set
```

4 **Select the target.** (See P.29 step 3.)

◀ ▶ (or ▣) → ▲ ▼ → ⏎

- Press ◀ ▶ or ▣ to select [All] or [Zone], and press ▲ ▼ to select [Group].

```
◵Select target
◀      All      ▶        64Group
Group  1              Not RGSTR
Group  2              Not RGSTR
Group  3              Not RGSTR
◀↓▶Sel.              [↵]Set
```

5 **Set [Schedule E-saving] to [☑].**

◀ ▶ (or ▣)

```
◵Target/All
Schedule E-saving        ◀☑▶
E-saving pattern    Not RGSTR


  ↓ Sel.  ◀ ▶☑/☐
```
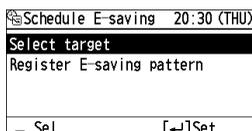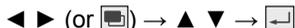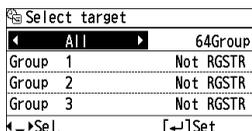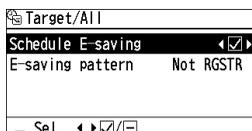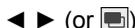
6 **Select [E-saving pattern].**

▲ ▼ → ◀ ▶ (or ▣) → ⏎

- Press ▲ ▼ to select [E-saving pattern], and press ◀ ▶ or ▣ to select the pattern No.

```
◵Target/All
Schedule E-saving            ☑
E-saving pattern        ◀No.1▶


  ▲ Sel.  ◀ ▶Change  [↵]Set
```
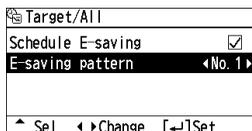
7 **Check the [E-saving pattern] contents, and make the setting if necessary.**

▲ ▼ → ⏎

- Up to 8 patterns can be registered.

```
◵Pattern content   20:30 (THU)
Pattern
No.1              Not RGSTR
No.2              Not RGSTR
No.3              Not RGSTR
  ↓ Sel.           [↵]Set
```
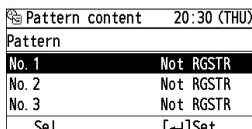
8 **Select the field to register.**

▲ ▼ → ↵

• Up to 4 patterns can be registered.

Pattern1		20:30 (THU)
1.	—:— —	—:—
2.	—:— —	—:—
3.	—:— —	—:—
4.	—:— —	—:—
Sel.		[↵]Set

9 **Set the start time and end time.**

▲ ▼ → ▶ → ▲ ▼ → ↵
→ ☰
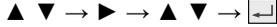
(Press 2 times to finish.)

Pattern1/Timer1	20:30 (THU)
Set the start time	
12 : 00	
↕ Change ▶ Min	

● **To change**
• Select the field to change in step 8.

Pattern1		20:30 (THU)
1.	12:00 —	16:00
2.	—:— —	—:—
3.	—:— —	—:—
4.	—:— —	—:—
Sel.		[↵]Change

• Select [Change].

▲ ▼ → ↵

• Following the above step 9, select the start time, end time.

Pattern1	20:30 (THU)
Select change/delete No. 1	
Change	
Delete	
Sel.	[↵]Next

● **To delete**
• **Select the field to delete in step 8.**

Pattern content	20:30 (THU)
Pattern	
No. 1	Registered
No. 2	Not RGSTR
No. 3	Not RGSTR
Sel.	[↵]Set

• Select [Delete].

▲ ▼ → ↵

Pattern1	20:30 (THU)
Select change/delete No. 1	
Change	
Delete	
Sel.	[↵]Next

• Select [YES].

◀ ▶ → ↵ → ☰

(Press 2 times to finish.)

Pattern1	20:30 (THU)
Delete timer1?	
YES ▶ NO	

Note

This unit is equipped with the following 3 settings. Any of them is set at the time of installation.
• Schedule peak cut (P.36) • External input peak cut (P.38) • Schedule energy saving (P.40)
For detailed settings, see each page.
The Efficient operation setting is the same as that for [Schedule energy saving].

Repeat Off Timer

This stops operation after a certain period of time each time operation is performed.

(e.g. Setting to stop operation after 60 minutes)

1 **Select [Energy saving] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⏎.
- **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                20:30 (THU)
1. Energy saving
2. Password
3. Filter info
4. Prohibit R/C
  Sel.    ▶ Page   [↵]Confirm
```

2 **Select [Repeat off timer].**

▲ ▼ → ↵

```
Energy saving      20:30 (THU)
Temp range             e-CUT
Auto shutoff           e-CUT
Peak cut               e-CUT
Repeat off timer       e-CUT
  Sel.  ◀  Page   [↵]Confirm
```

3 **Select [Select target].**

▲ ▼ → ↵

```
Repeat off timer   20:30 (THU)
Select target
Register repeat off timer PTTRN

  Sel.           [↵]Set
```

4 **Select the target.** (See P.29 step 3.)

◀ ▶ (or ▣) → ▲ ▼ → ↵

- Press ◀ ▶ or ▣ to select [All] or [Zone], and press ▲ ▼ to select [Group].

```
Select target
◀       All        ▶    64Group
Group  1            Not RGSTR
Group  2            Not RGSTR
Group  3            Not RGSTR
◀▼▶Sel.            [↵]Set
```

5 Set [Repeat off timer] to [☑].

◀ ▶ (or 🖥)

```
🖵 Target/All
Repeat off timer      ◀☑▶
Off timer pattern    Not RGSTR


  ▾ Sel.   ◀ ▶☑/⊟
```

6 Select [Off timer pattern].

▲ ▼ → ◀ ▶ (or 🖥) → ⏎

• Press ▲ ▼ to select [Off timer pattern], and press ◀ ▶ or 🖥 to select the pattern No.

```
🖵 Target/All
Repeat off timer          ☑
Off timer pattern     ◀No. 1▶


  ▲ Sel.   ◀ ▶Change   [⏎]Set
```

7 Check the [Off timer pattern] contents, and make the setting if necessary.

▲ ▼ → ⏎

• Press ▲ ▼ to select the pattern No. to set.
• Up to 8 patterns can be registered.

```
🖵Pattern content    20:30 (THU)
Pattern        Repeat off timer
No. 1              In  60 m
No. 2              In  60 m
No. 3              In  60 m
  ▾ Sel.         [⏎]Set
```

8 Set the time.

▲ ▼ → ⏎ → ☰

(Press 2 times to finish.)

```
🖵 Pattern1        20:30 (THU)
Set timer
                  ▲
  Stops in      60 min
                  ▼
  ↕ Change       [⏎]Confirm
```

• 10 to 180 min (by the 10 min)

Password Setting

ID number / Target range

Sets the password and password-covered range. The password-covered range can be
selected from the following 3 settings.
• Energy saving/ Menu and Weekly timer/ All keys operation
(When each operation is selected, a pop-up screen for password entry is displayed.)
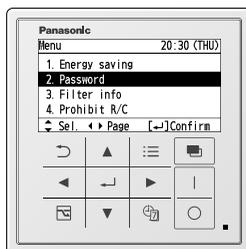
1 **Select [Password] on the menu
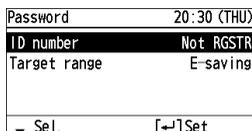screen.** (P.27)

▲ ▼ → ↵

● **To return to the previous screen**
Press 🔙.
● **To return to the standby screen**
Press ☰ 2 times.

2 **Select the item to set.**

▲ ▼ → ↵

3 **Enter the password.**

▲ ▼ → ► → ↵
(Repeat)
• Select the number with ▲ ▼ and move to
the next field with ►.

ID number

4 **Select the item.**

▲ ▼ → ↵

5 **Enter a new password.**

▲ ▼ → ► → ↵
(Repeat)
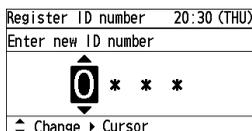
6 **Enter the password again to
confirm.**

▲ ▼ → ► → ↵ → ☰
(Press 2 times.)
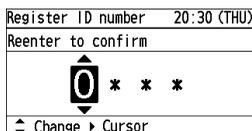
● To change
- Select the item to change in step 4 on the previous page.
- Select [Change].

```
Register ID number    20:30 (THU)
Select change/delete
                 Change
                 Delete

 ⌄ Sel.                [↵]Next
```
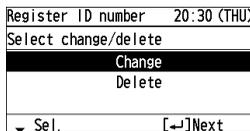
● To delete
- Select the item to delete in step 4 on the previous page.
- Select [Delete].

```
Register ID number    20:30 (THU)
Select change/delete
                 Change
                 Delete

 ⌃ Sel.                [↵]Next
```

- Select [YES].
  ◄ ► → [↵] → [☰]
              (Press 2 times.)

```
Register ID number    20:30 (THU)
S
          Delete ID number?

       YES ▶      NO

```
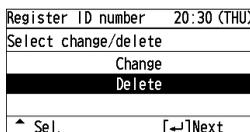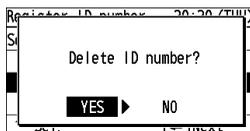
Target range
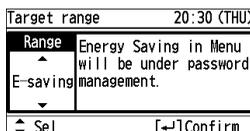
4 **Select the password-covered range.**

▲ ▼ → [↵] → [☰]
           (Press 2 times.)
- **E-saving** (factory default)
  Energy saving in the menu
- **Menu**
  Menu operation and weekly timer function operation
- **All keys**
  All keys operation

```
Target range          20:30 (THU)
 Range    Energy Saving in Menu
   ▲      will be under password
 E-saving management.
   ▼
 ⬍ Sel.                [↵]Confirm
```

> **Note**
>
> ● If the password has been set, enter the password to unlock. Then, operation becomes possible. If no operation is performed for 30 minutes, the operation is locked again.

Filter Sign and Filter Cleaning Timing

Filter sign / Next filter cleaning time

1 **Select [Filter info] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⤺.
- **To return to the standby screen**
  Press ☰ 2 times.
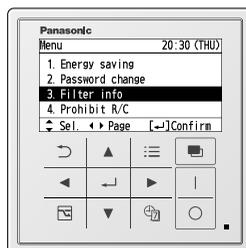
2 **Select the item to set.**

▲ ▼ → ↵
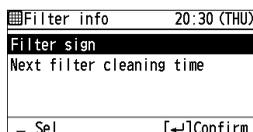
Filter sign

After the filter is cleaned

3 **Select the target.** (See P.29 step 3.)

◄ ► (or 🖵) → ▲ ▼ → ↵
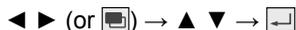
- Press ◄ ► to select [All] or [Zone], and press ▲ ▼ to select [Group].
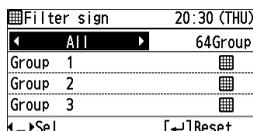
4 **Select [YES].**

◄ ► → ↵ → ☰
(Press 2 times to finish.)
(The filter cleaning time count is reset.)
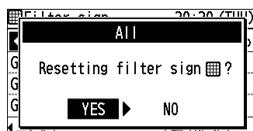
*To display each item, see steps 1 to 2 on the previous page.

Next filter cleaning time

To check the cleaning timing

3 **Select the target.** (See P.29 step 3.)

◄ ► (or ▣) → ▲ ▼ → ↵

- Press ◄ ► to select [All] or [Zone], and press ▲ ▼ to select [Group].

```
▦Clean time        20:30 (THU)
          All         1/64Group
Group  1
Group  2
Group  3
⬍▸Sel.            [↵]Confirm
```

4 **Confirm the operation time to the next cleaning.**

☰

(Press 2 times to finish.)

```
▦Group 1           20:30 (THU)
Approx filter cleaning time
After
      1500  hour(s)
             operation
[↩]Close          [↵]Reset
```

- ● **When cleaning is immediately necessary**
  The screen shown on the right is displayed.

```
▦Group  1          20:30 (THU)

   Clean the filter and
   reset the filter sign.▦

[↩]Close          [↵]Reset
```

- Press ◄ ► to select [YES], and press ↵.

☰

(Press 2 times to finish.)

```
▦Group 1           20:30 (THU)
         Group  1
Resetting filter sign▦?

    YES  ▸    NO
```
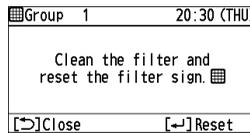
Note

- ● Depending on the model, [Filter info] cannot be used. In this case, a message is displayed as shown on the right.

```
▦Filter info       20:30 (THU)
F
N  This function is disabled.

      [↩]Close

```

- ● When the filter cleaning time comes, the icon is displayed on the standby screen. Clean the filter if this icon appears.

```
│All│Zone│Group│  20:30 (THU)
ECONAVI                    ▦
Running 54Grps  Stopping 10Grps

[↵]Oper        [▣]Zone
```
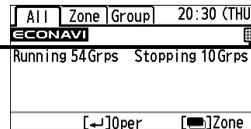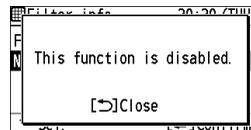
Quiet Operation

Sets the time zone to operate with noise of outdoor units reduced.

1 **Select [Quiet operation] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⤾.
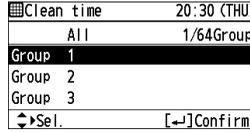- **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                20:30 (THU)
  2. Password change
  3. Filter info
  4. Prohibit R/C
  5. Quiet operation
  ⬍ Sel.  ◄ ► Page  [↵]Confirm
```

2 **Set [Select enable ☑ /disable ⊟] to [☑].**

▲ ▼ → ◄ ► (or 🖳)

- Select the item with ▲ ▼ and select ☑ / ⊟ with ◄ ►.

```
🌡 Quiet operation    20:30 (THU)
Select enable☑/disable⊟  ◄☑►
Quiet time

  ▼ Sel.  ◄ ►☑/⊟
```

3 **Select [Quiet time].**

▲ ▼ → ↵

```
🌡 Quiet operation    20:30 (THU)
Select enable☑/disable⊟   ☑
Quiet time

  ▲ Sel.          [↵]Set
```
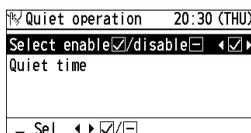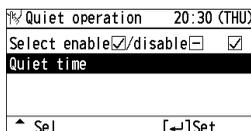
4 **Set the time to perform quiet operation.**

▲ ▼ → ► → ↵ → ☰
   (Repeat)   (Press 2 times to finish.)

```
🌡 Quiet time         20:30 (THU)
Start-End
                        ▲
     22 : 00  —    8 : 00
                        ▼
  ⬍ Change        [↵]Confirm
```

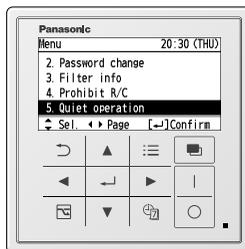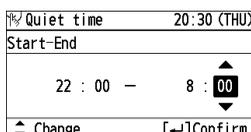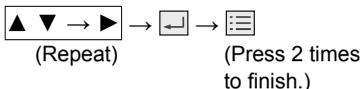### Note

- Depending on the model, [Quiet operation] cannot be used. In this case, a message is displayed as shown on the right.

```
Menu                20:30 (THU)

  This function is disabled.

          [⤾]Close

  ⬍ Sel.  ◄ ► Page  [↵]Confirm
```
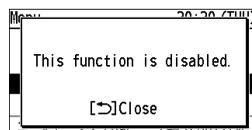
- Using the quiet operation function may deteriorate the performance to reduce the operation sound.
- The power consumption shows an approximate calculation result, which may differ from the measurement result calculated by a power meter.

Initial Settings

Clock / Clock type / Operation lock

1 **Select [Initial settings] on the menu screen.** (P.27)

▲ ▼ → ⏎

- **To return to the previous screen**
  Press 🔙.
- **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                    20:30 (THU)
3. Filter info
4. Prohibit R/C
5. Quiet operation
6. Initial settings
 ↕ Sel.  ◀ ▶ Page  [⏎]Confirm
```

2 **Select the item to set.**

▲ ▼ → ⏎

```
Initial settings       20:30 (THU)
1. Clock
2. Clock type
3. Zone/Group name
4. Operation lock
 ▼ Sel.   ▶ Page   [⏎]Confirm
```

Clock

3 **Set the date and time.**

▲ ▼ → ▶ → ⏎ → ☰
(Repeat)   (Press 2 times to finish.)

```
Clock                  20:30 (THU)
  Year/Month/Day     Hour:Min
         ▲
 2015 / 10 / 1      20 : 30
         ▼
 ↕ Change   ▶ Month
```
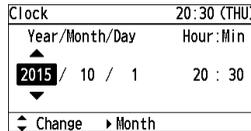
Clock type

3 **Select the type to display.**

▲ ▼ → ⏎ → ☰
(Press 2 times to finish.)

```
Clock type           8:30PM(THU)
         ▲
      AM/PM
         ▼
 ↕ Change         [⏎]Confirm
```
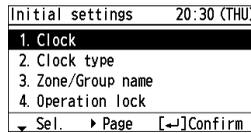
```
AM/PM
  ↕
24 h
```
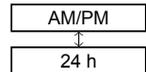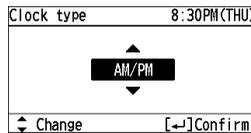
Operation lock

3 **Select the type of lock and set to [☑].**

▲ ▼ → ◀ ▶ → ☰
(Press 2 times to finish.)

- **To cancel lock**
  Select [—].

Only for [Lock all keys]
The screen shown on the right is displayed.
Select [YES].
◀ ▶ → ⏎

```
🔒 Operation lock     20:30 (THU)
Lock all keys          —
Lock START/STOP     ◀ ☑ ▶
Lock MODE              —     HU)
Lock SET TEMP.         —
 ↕ Sel. ◀ ▶ ☑/—
LOCK FAN SPEED         —
Lock FLAP              —
Lock Energy saving  ◀ ☑ ▶
 ▲ Sel. ◀ ▶ ☑/—
```

```
🔒 Operation lock     20:30 (THU)
L ┌──────────────────────┐
  │   Lock all keys?     │
L │ Hold [🔙] for 4s. to unlock │
L │                      │
  │    YES ▶    NO       │
L └──────────────────────┘
 ↕ Sel. ◀ ▶ ☑/—
```

Initial Settings (continued)

Zone/Group name setting

Sets names for zones and groups.

1 **Select [Initial settings] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⤺.
- **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                    20:30 (THU)
 3. Filter info
 4. Prohibit R/C
 5. Quiet operation
 6. Initial settings
 ↕ Sel.  ◀ ▶ Page   [↵]Confirm
```

2 **Select [Zone/Group name].**

▲ ▼ → ↵

```
Initial settings        20:30 (THU)
 1. Clock
 2. Clock type
 3. Zone/Group name
 4. Operation lock
 ↕ Sel.  ◀ ▶ Page   [↵]Confirm
```

3 **Select the item to set.**

▲ ▼ → ↵

```
Zone/Group name
Zone name
Group name


 ▾ Sel.              [↵]Set
```

4 **Select the item to give a name to.**

▲ ▼ → ↵

- **Zone name**
  • Select zone 1 to 4.

```
Zone name
Zone 1          Not RGSTR
Zone 2          Not RGSTR
Zone 3          Not RGSTR
Zone 4          Not RGSTR
 ▾ Sel.              [↵]Set
```

- **Group name**
  • Select group 1 to 64.

```
Group name
Grp   Unit No.      Name
 1     1- 1       Not RGSTR
 2     1- 2       Not RGSTR
 3     1- 3       Not RGSTR
 ▾▶Sel.              [↵]Set
```

5 **Enter the name.** (Repeat the same procedure for all characters.)

▲ ▼ ◄ ► → ⏎

• For Zone
  Up to 14 characters
• For Group
  Up to 16 characters
(Space is included in the number of characters.)

● **To change the character type**
  Select the character type with ◄ ► and press ⏎.
● **To enter space**
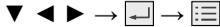 Select [Space] with ▲ ▼ ◄ ► and press ⏎.
● **To delete 1 character**
  Select [BS] with ▲ ▼ ◄ ► and press ⏎.

```
Group 1:█
   ABC/abc   0-9/0ther
ABCDEFGHIJKLMNOPQR Space
STUVWXYZ abcdefghi  BS
jklmnopqrstuvwxyz  Conf
◄▼►Sel.
```

```
Group 1:█
   ABC/abc   0-9/0ther
0123456789 !"#$%&' Space
()*+,-./:;<=>?@[\]  BS
^_'{|}~·           Conf
◄▼►Sel.
```
— Character type

6 **Select [Conf] in the end.**

▼ ◄ ► → ⏎ → ☰
                    (Press 2 times to finish.)

```
Group 1:room A█
   ABC/abc   0-9/0ther
ABCDEFGHIJKLMNOPQR Space
STUVWXYZ abcdefghi  BS
jklmnopqrstuvwxyz  Conf
◄▲►Sel.      [⏎]Confirm
```

Initial Settings (continued)

Touch sound / Contrast / Backlight / Language / Contact address

1 **Select [Initial settings] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⤴.
- **To return to the standby screen**
  Press ☰ 2 times.

```
Panasonic
Menu                    20:30 (THU)
3. Filter info
4. Prohibit R/C
5. Quiet operation
6. Initial settings
≑ Sel. ◀ ▶ Page  [↵]Confirm
```

2 **Select the item to set.**

▲ ▼ → ↵

```
Initial settings      20:30 (THU)
6. Contrast
7. Backlight
8. Language
9. Contact address
▲ Sel. ◀  Page   [↵]Confirm
```

Touch sound

3 ▲ ▼ → ↵ → ☰
(Press 2 times to finish.)
• The volume cannot be changed.

```
Touch sound           20:30 (THU)
          ▲
         ON
          ▼
≑ Change         [↵]Confirm
```

ON
⇕
OFF
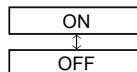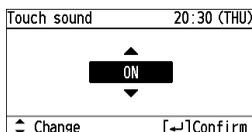
Contrast

3 ◀ ▶ → ↵ → ☰
(Press 2 times to finish.)

```
Contrast              20:30 (THU)
Low                       High
◀ ■■■■□□ ▶

◀ ▶Sel.          [↵]Confirm
```
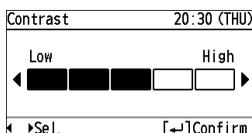
Backlight

3 ◀ ▶ → ↵ → ☰
(Press 2 times to finish.)
• 4-level brightness adjust-ment
(■□□□ shows the back light is off.)

```
Backlight             20:30 (THU)
Dark                    Bright
◀ ■■□□ ▶

◀ ▶Sel.          [↵]Confirm
```

Language

4 **Set.**

▲ ▼ ◄ ► → ↵

Language	20:30 (THU)
ENGLISH	FRANÇAIS
DEUTSCH	ITALIANO
ESPAÑOL	
◄◆►Sel.	[↵]Confirm

Contact address

- If you need to contact for servicing, check the back cover of the operating instructions for indoor units or outdoor units.
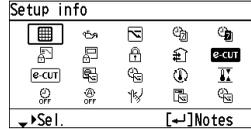
Contact address	20:30 (THU)
Name	
XXXXXXXXXXXXXXX	
Contact number	
XXXXXXXXXXXXXXX	
[↰]Close	

Settings List

Group information / Setup information

This provides the meanings of setting information icons.

Setting information icon

All	Zone	Group	20:30 (THU)
◄	Zone 1	►	16Grou
Group 1		☼❄ 28℃	⬚
Group 2		Stopping	
Group 3		☼Ⓐ 26℃	⬚
◄▼►Sel.	[↵]Oper	[■]All	

1 **Select [Setting list] on the menu screen.** (P.27)

▲ ▼ → ↵

- **To return to the previous screen**
  Press ⬅.
- **To return to the standby screen**
  Press ☰ 2 times.

2 **Select the item.**

▲ ▼ → ↵

```
Setting list
Group info
Setup info

  ▼ Sel.        [↵]Confirm
```

Group information

Displays the selected group setting information.

3 **Select the target group.**

◄ ► (or ■)

- Press ◄ ► or ■ to select [All] or [Zone].

```
Group info
◄      All      ►      64Group
Group  1
Group  2
Group  3
◄▼►Sel.        [↵]Info
```

▲ ▼ → ↵
- Press ▲ ▼ to select [Group].
- Pressing ◄ ► skips 3 groups to select.

```
Group info
        All          1/64Group
Group  1
Group  2
Group  3
↕►Sel.        [↵]Info
```

4 **Select the setting information icon.**
▲ ▼ ◄ ► → ↵

```
Group info/Group  1
↕►Sel.        [↵]Notes
```

5 **Confirm.**

Confirm and press ↵ → ☰
(Press 2 times to finish.)

```
Group info/Group  1
┌─ Operation control ─┐
│  ☑:Enb  ⊟:Dsb       │
│      HEAT ⊟  COOL ☑ │
│      FAN  ☑  DRY  ☑ │
│      AUTO ⊟         │
```

☑ :Enable
⊟ :Disable

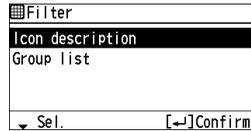*To display each item, see steps 1 to 2 on the previous page.

Setup information

The icons corresponding to the settings are displayed if they are set for at least one group among all of the connection groups.

3 **Select the setting information icon.**

▲ ▼ ◄ ► → ⏎

```
Setup info
 ▦    ↰    ⊠    ⊕    ⊕
 ⊞    ⊟    🔒   🔼  e-CUT
e-CUT  ⊞    ⊕    ①    ⊼
 ⊘    ⊘    ⌿    ▦    ⊕
 off   off
 ▾▸Sel.              [⏎]Notes
```

4 **Select the item.**

▲ ▼ → ⏎

```
▦Filter
Icon description
Group list


 ▾ Sel.            [⏎]Confirm
```

5 **Confirm.**

● **Icon description**
After confirming ⏎ → ☰
(Press 2 times
to finish.)

```
▦Filter
             Filter info
I
G     ▦  Clean the filter.


  Sel.            [⏎]Confirm
```

● **Group list**
◄ ► (or ▣)

• Press ◄ ► or ▣ to select [All] or [Zone].

▲ ▼ → ⏎
• Press ▲ ▼ to select [Group].
• Pressing ◄ ► skips 3 groups to select.

```
▦Filter
◄      All      ►    64Group
Group   1
Group   2
Group   3
◄▾▸Sel.
```

```
▦Filter
        All        1/64Group
Group   1
Group   2
Group   3
⬍▸Sel.
```
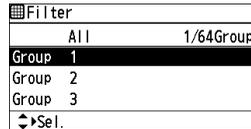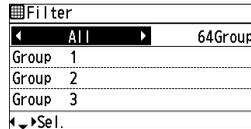
● Setting information icon list

| Icon	Description	Page
	Switching among operation modes is prohibited. (Switching to Auto mode is also prohibited.)	–
	The remote control operation is restricted by the central control device. (Only in the remote control mode)	–
	The indoor unit filter needs to be cleaned.	P.46
	The engine oil needs to be replaced. (Only when the gas heat pump air conditioner is used)	–
	[Weekly timer] is set. (Holiday is not set.)	P.20
	The weekly timer or Holiday is set.	P.25
	Energy saving operation is in process.	P.15
	The operation capacity of the outdoor unit is restricted.	–
	[Schedule peak cut] is set.	P.36
	[Schedule E-saving] is set.	P.40
	[External input peak cut] is set.	P.38
	[Temp auto return] is set.	P.30
	[Temp range] is set.	P.32
	[Auto shutoff] is set.	P.34
	[Repeat off timer] is set.	P.42
	[Quiet operation] is set.	P.48
	The key operation is locked.	P.49
	Fresh air is used for ventilation. (Only when connecting a commercially sold fan)	P.57
e·CUT	The energy saving function is set.	–
e·CUT	The energy saving function is operating.	–

Ventilation Setting

This unit can control ventilation during operation for the following indoor units.
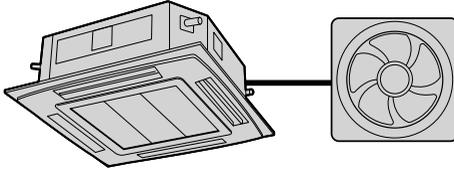
The fan connected to the air conditioner can be switched ON/OFF while the air conditioner is operating.

* If the ventilation function is not equipped
If neither of the above settings is set for the selected group, the ventilation screen is displayed as shown on the right.

```
All                    Oper 🔒/🔓 Vent

      This function is disabled.

Stopping                  [■]Oper
```
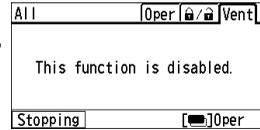
Use this setting when a commercially sold fan, etc. is connected to the air conditioner. Setting the ventilation to ON/OFF starts to operate or stops the fan. When the air conditioner is operated or stopped, the fan starts to operate or stops at the same time.

1 **Switch to the [Vent/Misc] screen on P.12.**

Press 🔲.
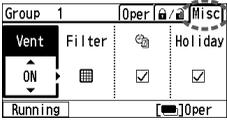
■ Ventilation ON/OFF

Switches the fan to ON/OFF.
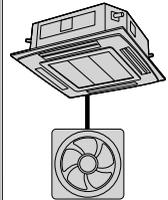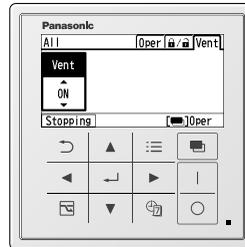
2 **Set.**

▲ ▼ → ⏎

| Vent | ON | Ventilate |
| ON | OFF | Not ventilate |

Ventilation Setting (continued)

Note

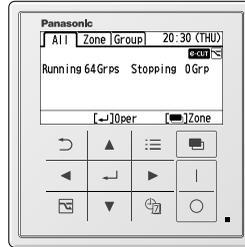● The screen differs depending on the connected model.
Example

```
Group  1        Oper 🔒/🔓 Misc
 Vent   Filter    ⌨        Holiday
  ON      ⊞        ☑         ☑
 Running          [■]Oper
```

([Misc] screen P.61)

● If there is no ventilation fan present, the screen below is displayed.

```
All             Oper 🔒/🔓 Vent

  This function is disabled.

 Running          [■]Oper
```
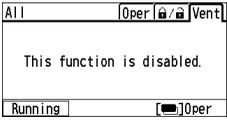
Disabling Remote Control Operation

Disables the remote control operation for selected indoor units.
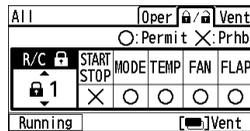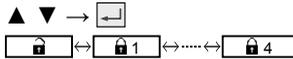
1 **Select indoor units.** (P.16)

```
Panasonic
[ All | Zone | Group]    20:30 (THU)
                          e-CUT
Running 64Grps  Stopping 0Grp

        [↵]Oper    [■]Zone
```

2 **Switch to the remote control prohibition screen.**

Press ■.

```
All              [Oper| /  |Vent]
ECONAVI                  e-CUT
  MODE     SET TEMP.  FAN SPEED
  COOL                   ✿
   ❅      28℃      FLAP
Running            [■] / 
```

3 **Select from [1] to [4].**

▲ ▼ → ↵

[ ] ↔ [1] ↔ ⋯⋯ ↔ [4]

```
All              [Oper| /  |Vent]
           ○:Permit ✕:Prhbt
R/C     START MODE TEMP FAN FLAP
        STOP
  1      ✕   ○    ○   ○   ○
Running            [■]Vent
```
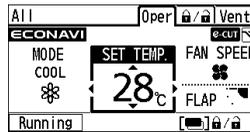
: Operation is permitted.
: Operation is prohibited.

- For the contents of [1] to [4], see the chart below.
- Pressing ↵ returns to the standby screen.

Example): · of use of the remote control.

	Start/Stop	Mode	Set Temperature	Fan Speed	Flap
	○	○	○	○	○
1	✕	○	○	○	○
2	✕	✕	✕	○	○
3	○	✕	✕	○	○
4	○	✕	○	○	○

○ : Can set or operate with the remote control.
× : Cannot set or operate with the remote control.

e.g. If you select [2] and try to change [Mode] using the remote control, the following screen is displayed and the mode cannot be changed.
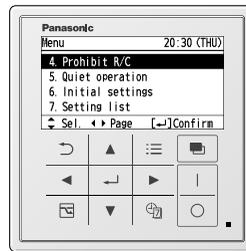
```
         All
  MODE is prohibited.
      [⤺]Close
```
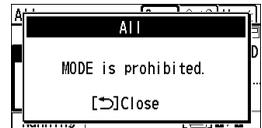
* For [Start/Stop], [Mode], [Set Temperature], [Fan Speed] and [Flap], see P.18.
* The contents for [1] to [4] can be changed.

> **Note**
>
> ● When using the remote control mode, this function cannot be used. (P.7)
> ● If contents not applicable to [1] to [4] are attempted to be set using other controllers (Intelligent controller, etc.), is displayed.

Changing the setting contents for the remote control [🔒 1] to [🔒 4].

1 **Select [Prohibit R/C] on the menu screen.** (P.27)

▲ ▼ → ⏎

```
Panasonic
Menu                    20:30 (THU)
4. Prohibit R/C
5. Quiet operation
6. Initial settings
7. Setting list
⇕ Sel.  ◀ ▶ Page   [⏎]Confirm
```

2 **Select from [🔒 1] to [🔒 4].**

▲ ▼ → ⏎

```
Prohibit R/C  ○:Permit ✕:Prhbt
🔒    START  MODE TEMP FAN FLAP
      STOP
1     ✕      ○    ○    ○    ○
2     ✕      ✕    ✕    ○    ○
▾ Sel.              [⏎]Set
```

3 **Select the item to disable.**

◀ ▶ → ▲ ▼ → ⏎

• Press ◀ ▶ to select the item, and press ▲ ▼ to select ○: Permit/ ×: Prohibit.

● **To return to the previous screen**
  Press ⏎.
● **To return to the standby screen**
  Press ☰ 2 times.

```
R/C🔒 1        ○:Permit ✕:Prhbt
START  MODE : TEMP : FAN : FLAP
STOP
✕      ○    :  ○   :  ○  :  ○
▸Sel.  ⇕ Change  [⏎]Confirm
```

Other Screen

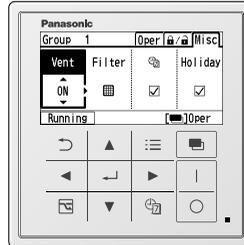## Filter sign reset / Weekly timer / Holiday

If the [Vent/Misc] tab shows [Misc], the following settings can be made on the [Misc] screen.
• Filter sign reset • Weekly timer setting Enable/Disable • Holiday setting

1 **Switch to the [Misc] screen on P.12.**
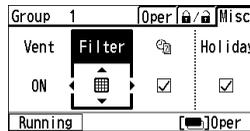
Press ▣.

Filter sign reset

Displays the filter cleaning timing, and resets the elapsed time from cleaning. (P.46)

2 **Select the item.**

◄ ►

–– Filter cleaning unnecessary

▦ Filter cleaning necessary
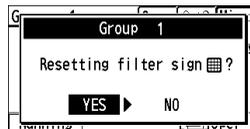
3 **Set.**

▲ ▼ → ↵

• Press ◄ ► to select [YES], and press
↵.
(The elapsed time count from the filter
cleaning is reset.)

• Clean the filter, and press
▲ ▼.

Weekly timer
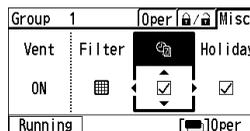
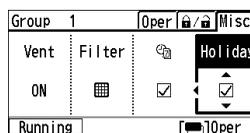**Switches the weekly timer setting to enable/disable.** (P.20)

2 **Select the item.**

◄ ►

☑ Timer operation
performed

⊟ No timer
operation

Holiday

Switches Holiday setting to ☑ (set)/ ⊟ (unset). (P.25)

2 **Select the item.**

◄ ►

☑ Holiday set

⊟ Holiday not
set

Troubleshooting

If operation does not start by pressing ▯ ...

Check the following before asking for repair.

Cannot disable the remote control operation (Remote prohibited)	▶	● Cannot perform 🔒 operation when using in the remote control mode. (P.8)
Blackout?	▶	● After recovery from blackout, press ▯ again. → If operation does not start, turn off the circuit breaker and consult the dealer of purchase about the symptom and Model No.
Is the circuit breaker turned off?	▶	● After checking with the responsible manager, turn on the circuit breaker, and press ▯ again. → If operation does not start, turn off the circuit breaker and consult the dealer of purchase about the symptom and Model No.
Is [Assigning] blinking?	▶	● After blinking stops, press ▯ again. → If operation does not start, turn off the circuit breaker and consult the dealer of purchase about the symptom and Model No.
Weekly timer does not work.	▶	● Is the weekly timer set to ☑ [enable]? The weekly timer does not work if set to ⊟ [disable]. Check Timer Reservation (P.21). ● Is the current date and time correct? If the current time is not correct, the unit operates at unexpected time.

Alarm is displayed.

Alarm indication (e.g.)

All	Zone	Group	20:30 (THU)
ECONAVI			
Running 55Grps	Stopping	9Grps	
⚠ Alarm		1/ 4	
Group 3	:E04 Unit 30- 5		
↓ Sel. [↵]Oper	[■]Zone		

Defective indoor unit No.

● If any of the following alarm indications appears, stop operation once and restart approx. 1 minute later.
(Alarm indication, off)
[•E04 •E06 •P10 •P20 •H06]
→ If the indication does not reappear, use the unit.
→ If the indication reappears or an alarm indication other than the above (combination of numbers and characters such as E, F, H, L and P) appears, stop operation, turn off the circuit breaker and consult the dealer of purchase about alarm indication, Model No. and indoor unit No.
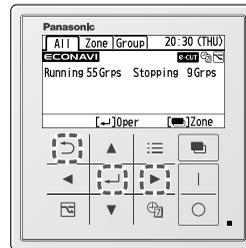

TEST is displayed.

TEST

All	Zone	Group	20:30 (THU)
TEST			
Running 0Grp	Stopping 64Grps		
[↵]Oper	[■]Zone		

● Set the test operation to [OFF].
① Press and hold the 3 buttons for 4 seconds or more simultaneously.

([Maintenance func] screen is displayed)

🔧Maintenance func	20:30 (THU)
2. Outdoor unit error data	
3. Service contact	
4. Controller setup	
5. Test run	
↕ Sel. ◀ ▶ Page [↵]Confirm	

② Select [5. Test run] and press ↵ , ▼.
③ Select [All] and press.
④ Select [OFF] and press ↵ .
⑤ Press 🔳 → 🔄 to finish.
Do not operate the item other than [Test run].

• If you need to contact for servicing, check the back cover of the operating instructions for indoor units or outdoor units.

Specifications

Model No.	CZ-64ESMC3
Dimensions	(H) 120 mm × (W) 120 mm × (D) 16 + 51.9 mm
Weight	520 g
Temperature/ Humidity range	0 ˚C to 40 ˚C / 20 % to 80 % (No condensation) *Indoor use only.
Power Source	Single phase 100 to 240 V ~ 50/60 Hz
Power consumption	Max. 1.3 W
Clock	Precision	± 30 seconds/month (at normal temperature 25 ˚C) *Adjust periodically.
	Holding time	100 hours (When fully charged) *Approx. 8 hours are required for full charge.
Number of connected indoor units	Up to 64 groups (64 units)