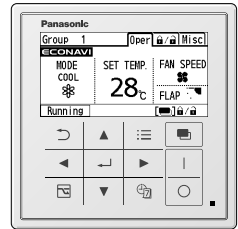


Panasonic®

Operating Instructions System Controller

Model No. **CZ-64ESMC3**



Installation Instructions
Separately Attached.

ENGLISH

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



Panasonic Corporation
1006 Kadoma, Kadoma City, Osaka, Japan

Panasonic Corporation
<http://www.panasonic.com>

CV6233324487

Safety Precautions



WARNING

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



CAUTION

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.**

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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.

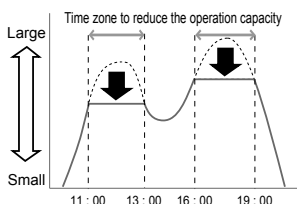
Peak cut Setting ^{*1} (Gas heat pump saving ^{*2})

- Reduces the maximum power that can be output using the condition selected at the time of installation.

The 3 modes below are selectable.

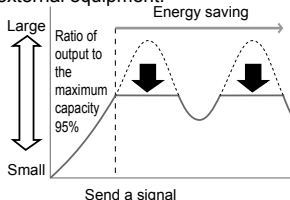
Schedule peak cut

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



External input peak cut

Reduces the power that can be output using external equipment.

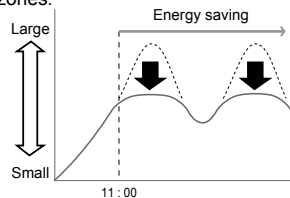


^{*1}: e-cur is displayed on the setting screen.
(Energy saving function indication)

^{*2}: When using a gas heat pump air conditioner

Schedule energy saving (Efficient operation ^{*2})

Reduces the power by specifying time zones.



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

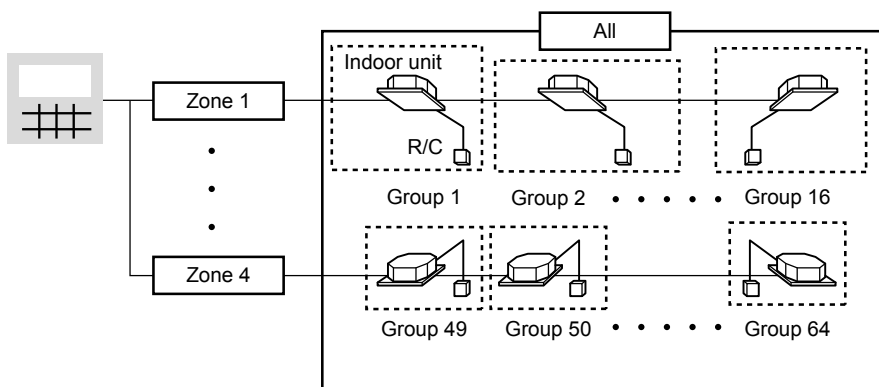
The most suitable air-conditioning control system can be selected according to the scale of the control/monitoring area.

● Controlling indoor units

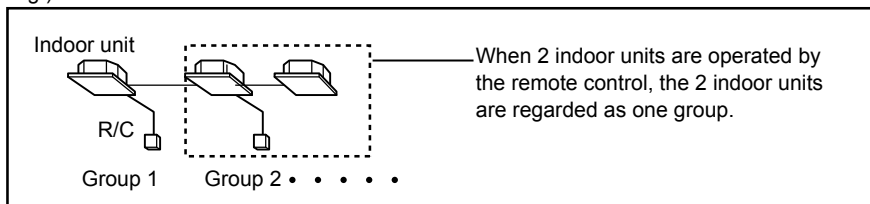
This unit alone enables multi-functional operations: Up to 64 indoor units can be controlled individually or collectively.

* 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.)



• 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

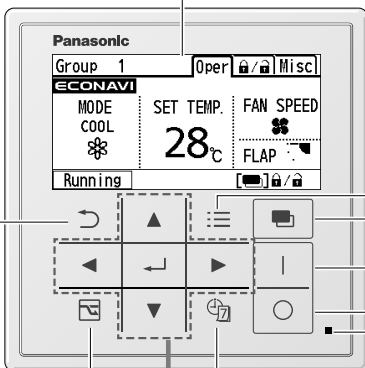
Part Names

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), [Lock/Unlock] (Prohibit R/C) and [Vent/Misc] (Ventilation/Other).

START button

Starts operation.

STOP button

Stops operation.

Energy saving button

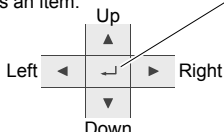
(When using a gas heat pump air conditioner: Performs the Efficient operation.)
Switches Energy saving/Normal operation.

Timer button

Performs the timer reservation.

Cross key buttons

Selects an item.



Enter button

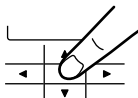
Fixes the selected content.

Operation indicator (Green)

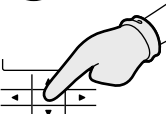
Illuminates during operation.
Blinks during alarm.

* If at least one unit is operating or alarming, the indicator illuminates or blinks.

Note



Press centre



No glove



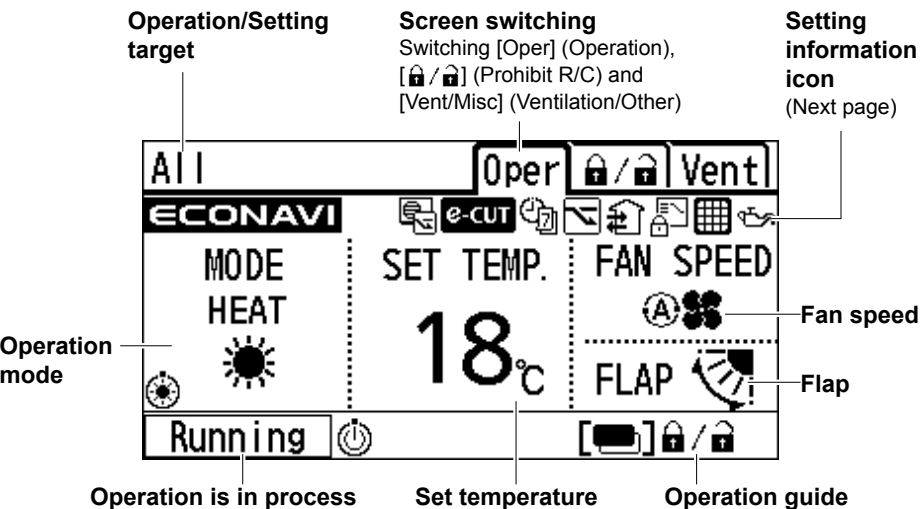
No pen

- 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



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

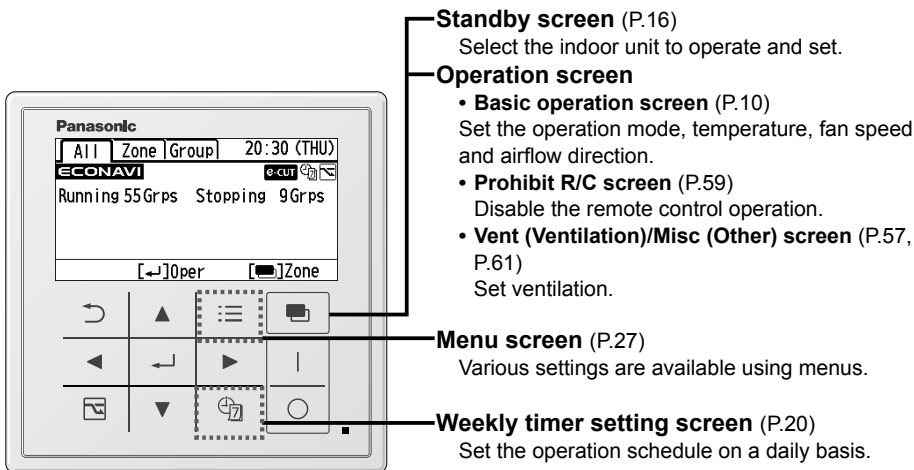
Icon	Description	Page
	The indoor unit filter needs to be cleaned.	P.46
	The engine oil needs to be replaced. (Only when using a gas heat pump air conditioner.)	-
	Switching operation modes is prohibited. (Switching to Auto mode is also prohibited.)	-
	Remote control operation is restricted by a central control device. (Only in the remote control mode)	-
	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
	The energy saving setting function is set.	-
	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)

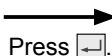
*1: May not be displayed if there are too many icon indications that overflow from the display area. (P.56)

Switching Displays

This section describes how to switch the main screens.



Standby screen



Operation screen



All

All	Zone	Group	20:30 (THU)
ECONAVI			Running 55Grps Stopping 9Grps
[←]0per [→]Zone			

Zone

All	Zone	Group	20:30 (THU)
Zone 1			
Zone 2			
Zone 3			
Zone 4			
[←]Sel. [→]0per [→]Group			

Group

All	Zone	Group	20:30 (THU)
Zone 1		16Group	
Group 1		28°C	
Group 2		Stopping	
Group 3		26°C	
[←]Sel. [→]0per [→]All			

Basic operation screen

All	0per	Lock	Vent
ECONAVI			
MODE	SET TEMP.	FAN SPEED	
COOL	28°C	FLAP	
Running			

Prohibit R/C screen

All	0per	Lock	Vent
R/C	START	MODE	TEMP
1	STOP	FAN	FLAP
Running			

Vent (Ventilation)/ Misc (Other) screen


All	0per	Lock	Vent
Vent			
ON			
Running			

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

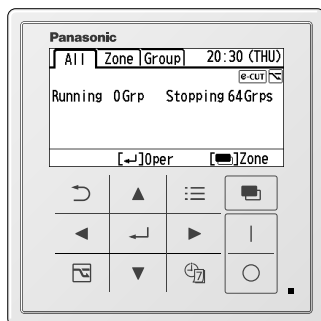
Menu	20:30 (THU)
4. Prohibit R/C	
5. Quiet operation	
6. Initial settings	
7. Setting list	
↕ Sel.	◀ ▶ Page [↔]Confirm


Basic Operations

This section describes the basic operations to use this unit.

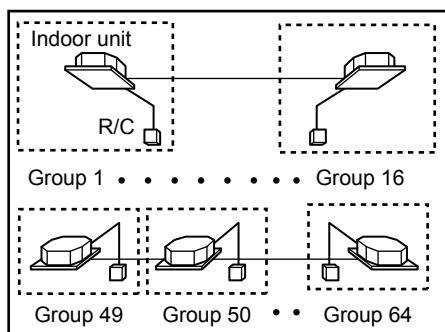
1 Select All, Zone or Group (P.16)

Press .



Press .

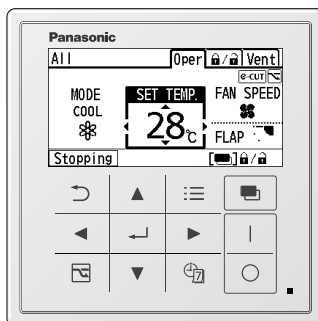
- All** Select all indoor units.
- Zone** Select Zone*.
- Group** Select Group.




* 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    .





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.

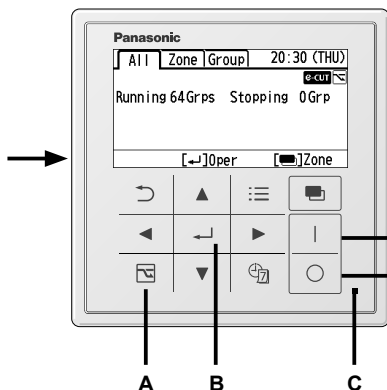
- Switching the screen using the  button can make the settings below.
 -  /  (**Prohibit R/C screen**) (P.59)
Disabling the remote control operation and settings.
 - **Ventilation/Other screen** (P.57, P.61)
Set the ventilation to ON/OFF.

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: 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

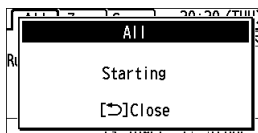
Returning to the screen for step 2 can change the settings during operation.

C: Operation indicator (Green)

4 Finish operation.

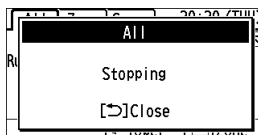
Press .

Start operation.




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


Stop operation.




- The pop-up screen appears. (4 sec.)

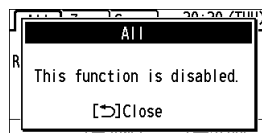
* To clear the pop-up screen, press .

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.

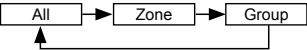


Selecting All, Zone or Group

Select the indoor units to set from the standby screen.


1 Switch the screen.

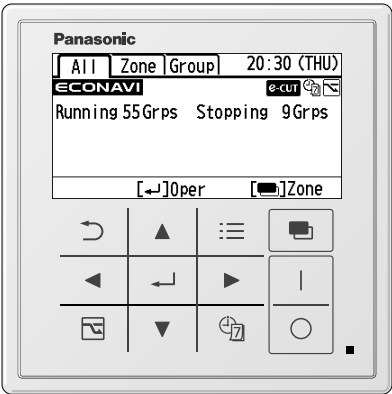
Press .




2 Select the item.

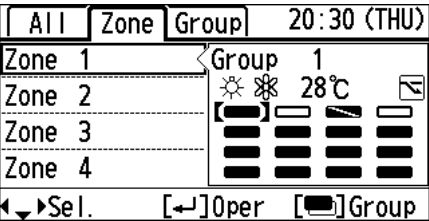
Press    .










Pressing  switches to the setting screen.



Note




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




-  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 			
Running 55Grps		Stopping 9Grps	
 0per		 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.		 0per	 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.		 0per	 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°C 
Group 2	Stopping		
Group 3			26°C 
 Sel.		 0per	 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°C 
Group 2	Stopping		
Group 3			26°C 
 Sel.		 0per	 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 ◀ ▶.

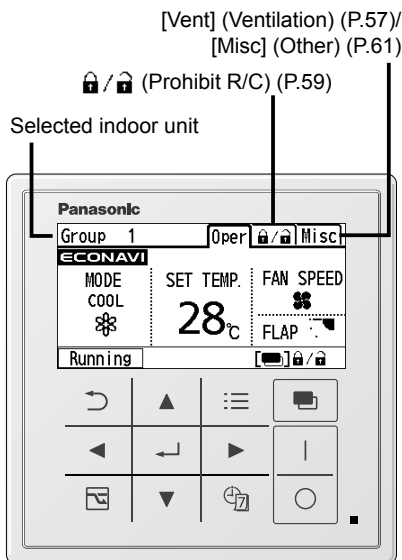
• When the cursor is not visible, press .

3 Set the selected item.

Press ▲ ▼ → .

(The cursor disappears.)

The unit returns to the standby screen.



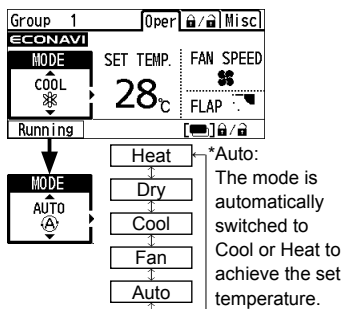
Note

- 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 ◀.

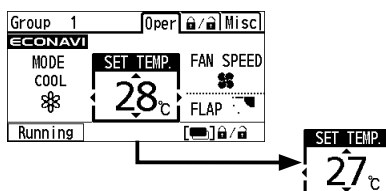


Temperature

Press ▲ ▼.

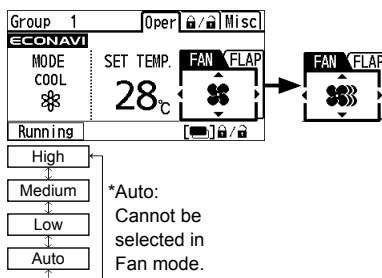
- **Cool/Dry**: 18 °C to 30 °C
- **Heat** : 16 °C to 30 °C
- **Auto** : 17 °C to 27 °C

* The upper limit temperature of gas heat pump air conditioner is 26 °C.



Fan speed

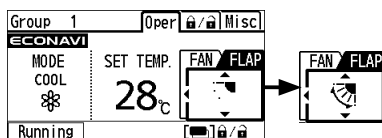
Press ▶.



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.



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°C

🔒1

2. --:--

°C

--

3. --:--

°C

--

↕ 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”

Weekday

Operating

8:00

22:00

Start

Stop

No-overtime work day

Operating

8:00

17:00

Start

TEMP

Stop

- 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

TEMP

Stop

3. Stop operation during lunch break.

8:00

12:00

12:45

22:00

Operating

OFF

Operating

Start

Stop

Start

Stop

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)

Day

SUN MON TUE WED THU FRI SAT

1. 8:00

START COOL

24°C

🔒1

2. 17:00

STOP

3. --:--

--°C

--

↵ Day

[↵] Set

W2

20:30 (THU)

Day

SUN MON TUE WED THU FRI SAT

1. 8:00

START COOL

26°C

🔒1

2. 17:00

START COOL

28°C

🔒1

3. 22:00

STOP

↵ Day

[↵] Set

W2

20:30 (THU)

Day

SUN MON TUE WED THU FRI SAT

1. 8:00

START COOL

26°C

🔒1

2. 12:00

STOP

3. 12:45

START COOL

26°C

🔒1

↵ Day

[↵] Set

W2

20:30 (THU)

Select enable☑/disable☐

SUN MON TUE WED THU FRI SAT

☐ ☑ ☑ ☑ ☐ ☑ ☐

↵ Day

☑/☐

[↵] Register

20 (EN)


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.

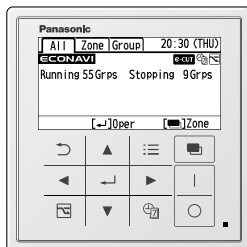
Press .

- To return to the previous screen

Press .

- To exit the timer setting screen.

Press .





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].

 ↔  ↔ ... ↔ 

* 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

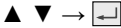
Timer Reservation (continued)

5 Select [Timer group].



Target/All	
Weekly timer	<input checked="" type="checkbox"/>
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)
<input checked="" type="checkbox"/> Enable <input type="checkbox"/> Disable		
Group	SUN MON TUE WED THU FRI SAT	
W2	— — — — — — —	
◀ Sel. [↵] Register		

7 Enable ☒ all days on which the timer is used.



- Press ◀▶ to select the days, and press ▲▼ or  (repeat) →  to select ☒ (Enable)/☐ (Disable).

W2		20:30 (THU)
Select enable <input checked="" type="checkbox"/> /disable <input type="checkbox"/>		
SUN MON TUE WED THU FRI SAT		
— — — — — — —		
▶ Day ◀ <input checked="" type="checkbox"/> / <input type="checkbox"/> [↵] 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.



■ Timer operation

● Types of timer operation

- START: Starts operation.
- STOP: Stops operation.

■ Operation mode

● Types of operation mode

- COOL
- FAN
- AUTO
- HEAT
- DRY

■ Temperature

■ Disabling the remote control

W2/THU/No. 1		20:30 (THU)		
Time	START STOP	MODE	TEMP	R/C
10:40	START	---	---℃	---
		[Delete] [Confirm]		

W2/THU/No. 1		20:30 (THU)		
Time	START STOP	MODE	TEMP	R/C
10:40	START	COOL	---	---
		[Delete] [Confirm]		

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

W2/THU/No. 1		20:30 (THU)		
Time	START STOP	MODE	TEMP	R/C
10:40	START	COOL	28℃	
		[Delete] [Confirm]		

* This can be set when the operation mode is in "Central control mode". (P.7)

12 Confirm the setting content.

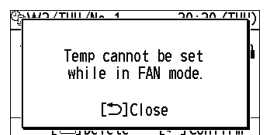
Confirm and press .

(Press 2 times to finish.)

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

Note

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



● 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

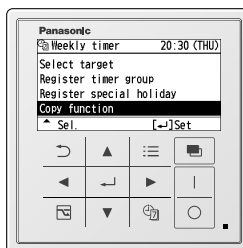
Timer group copy

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

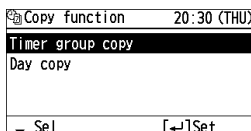
Day copy

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).

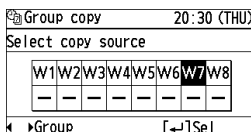


2 Select the item.

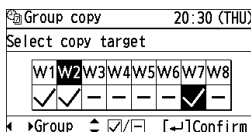
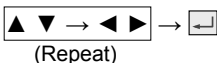


Timer group copy

3 Select the copy source.



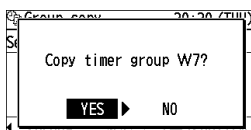
4 Select [✓] for all copy destinations.



5 Select [YES].

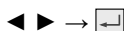


(Select [YES] twice to finish.)



Day copy

3 Select the copy source.



Day copy		20:30 (THU)						
Select copy source								
Group	SU	MO	TU	WE	TH	FR	SA	TA
W1	-	-	-	-	-	-	-	-
Group ◀ ▶ Day [↵] Sel.								

4 Select ☒ for all copy destinations.



Day copy		20:30 (THU)						
Select copy target								
Group	SU	MO	TU	WE	TH	FR	SA	TA
W1	-	✓	✓	-	-	✓	-	-
▶ Day ◀ ◂/▸ [↵] Confirm								

5 Select [YES].



(Select [YES] twice to finish.)

Day copy		20:30 (THU)	
Copy Friday data?			
YES ▶		NO	
▶ Day ◀ ◂/▸ [↵] Confirm			

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)						
<input checked="" type="radio"/> Enable <input type="radio"/> Disable								
Group	SU	MO	TU	WE	TH	FR	SA	TA
W2	-	-	-	-	-	-	-	-
Sel. [↵] Register								

• W1 to W8

3 Select the day for Holiday.



Holiday/W2		20:30 (THU)					
Select enable <input checked="" type="radio"/> / disable <input type="radio"/>							
SU	MO	TU	WE	TH	FR	SA	TA
-	-	-	-	-	-	-	-
▶ Day ◀ ◂/▸ [↵] Confirm							

4 Switch the Holiday setting.



(Press 2 times to finish.)

Holiday/W2		20:30 (THU)					
Select enable <input checked="" type="radio"/> / disable <input type="radio"/>							
SU	MO	TU	WE	TH	FR	SA	TA
-	-	-	-	-	●	-	-
▶ 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°C
2. 17:00	START COOL 28°C
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°C
2. 17:00	START COOL 28°C
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)
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)
Delete all data registered for W2/Thursday?	
YES	NO

Menu List

1 Display the menu screen.



To return to the previous screen

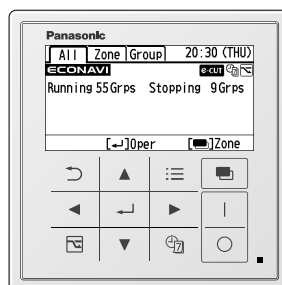
Press .

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 .



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.	

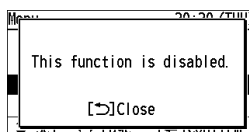
[Initial settings] details

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.	P.52
Contrast	Sets the screen contrast.	
Backlight	Sets the backlight brightness of the screen.	
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.

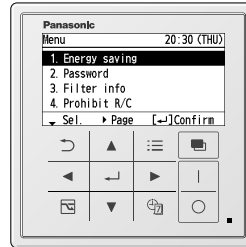
ECONAVI Setting

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.



2 Select [ECONAVI].




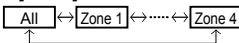
Energy saving	20:30 (THU)
ECONAVI	
Temp auto return	e-cut
Temp range	e-cut
Auto shutoff	e-cut
Sel.	Page [Confirm]

3 Select the target.

■ All/Zone

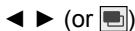



- Press ◀▶ or  to select [All] or [Zone].

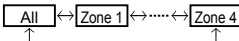


ECONAVI/Select target	
◀ All ▶	64Group
Group 1	OFF
Group 2	OFF
Group 3	OFF
◀▶Sel.	[Set]

■ Group



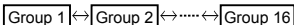
- Press ◀▶ or  to select [All] or [Zone].



ECONAVI/Select target	
◀ Zone 1 ▶	16Group
Group 1	OFF
Group 2	OFF
Group 3	OFF
◀▶Sel.	[Set]



- Press ▲▼ to select [Group].



* 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)

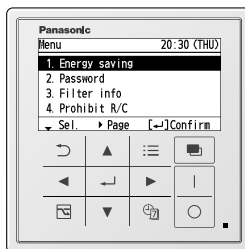


● To return to the previous screen

Press

● To return to the standby screen

Press 2 times.



2 Press [Temp auto return].



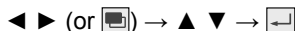
Energy saving	20:30 (THU)
ECONAVI	
Temp auto return	e-CUT
Temp range	e-CUT
Auto shutoff	e-CUT
↓ Sel. ▶ Page [↵] Confirm	

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.)



- 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.



- 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°C ◀▶
HEAT	In 30 m 16°C □
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 °C
▼ 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°C ✓
HEAT	In 30 m 16°C □
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)

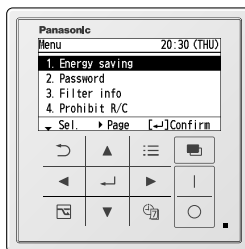


● To return to the previous screen

Press .

● To return to the standby screen

Press  2 times.



2 Select [Temp range].



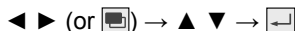
Energy saving	20:30 (THU)
ECONAVI	
Temp auto return	e-cut
Temp range	e-cut
Auto shutoff	e-cut
◀ Sel. ▶▶ Page [↵] Confirm	


3 Select [Select target].



Temp range	20:30 (THU)
Select target	
Register limit range pattern	
▼ Sel. [↵] Set	

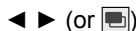
4 Select the target. (See P.29 step 3.)





- 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 .




Target / All	
Temp range	
Limit RNG PTTRN	Not RGSTR
▼ Sel. ◀▶  [↵]	

6 Select [Limit RNG PTTRN].









- 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 PTRN] 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 .



Pattern1		20:30 (THU)
Lower limit - Upper limit		
COOL/DRY	18°C - 30°C	
HEAT	16°C - 26°C	
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°C - 30°C		
Change	▶ Upper limit	

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

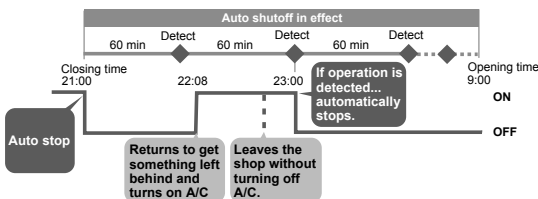
Note

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

Auto Shutoff Setting

Stop time / End time / Timer

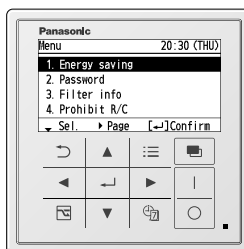
When the operation is stopped at a specified time (e.g. closing time) and resumed afterwards, this function detects the operation status at regular time intervals and stops operation automatically. Detect the operation status at regular time intervals and stop the operation automatically. (e.g. 60 min)



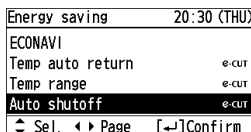
1 Select [Energy saving] on the menu screen. (P.27)



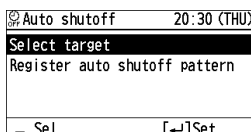
- To return to the previous screen
Press .
- To return to the standby screen
Press 2 times.



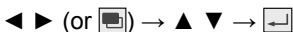
2 Select [Auto shutoff].



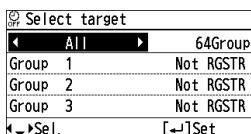
3 Select [Select target].



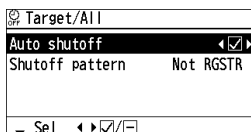
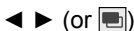
4 Select the target. (See P.29 step 3.)



- Press to select [All] or [Zone], and press to select [Group].




5 Set [Auto shutoff] to ☒.



6 Select [Shutoff pattern].

▲ ▼ → ◀ ▶ (or ) → 

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

Target/All
Auto shutoff <input checked="" type="checkbox"/>
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)

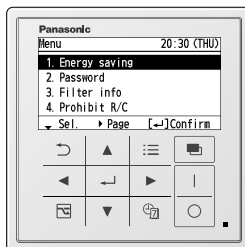


- To return to the previous screen

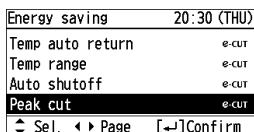
Press .

- To return to the standby screen

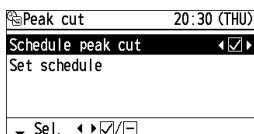
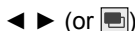
Press 2 times.



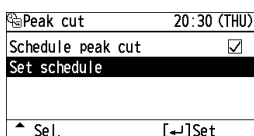
2 Select [Peak cut].



3 Set [Schedule peak cut] to ☒.

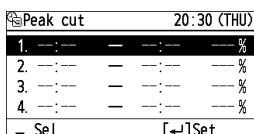


4 Select [Set schedule].

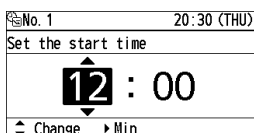


5 Change the setting.

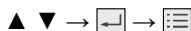
Select the field to register.



6 Set the start time and end time.




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

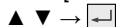
Repeat from step 4 without pressing .

● 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.

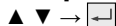
Peak cut		20:30 (THU)	
Select change/delete No. 1			
Change			
Delete			
Sel.		Next	

● 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)	
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.

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)

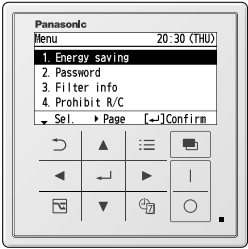


● To return to the previous screen

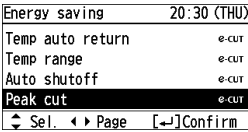
Press

● To return to the standby screen

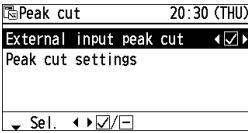
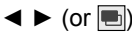
Press 2 times.



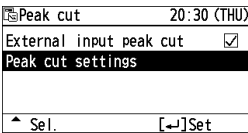
2 Select [Peak cut].



3 Set [External input peak cut] to ☒.

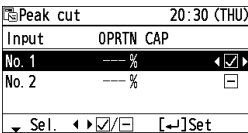


4 Select [Peak cut settings].



5 Change the setting.

Select the field to register.




6 Select the operation capacity.



(Press 2 times to finish.)

● To set in series

Repeat from step 4 without pressing .

● To change







- Select the field to change in step 5 on the previous page.



• Select [Change].



- Following the above step 6, select the operation capacity.

No. 1		20:30 (THU)
Set operation capacity		
80 %		
Change	Confirm	

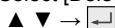
Peak cut		20:30 (THU)
Input	OPRTN CAP	
No. 1	80 %	 
No. 2	---	%
Sel.		   
		Change

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.







• Select [Delete].





• Select [YES].



(Press 2 times to finish.)

Peak cut		20:30 (THU)
Input	OPRTN CAP	
No. 1	80 %	 
No. 2	---	%
Sel.		   
		Change

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

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)

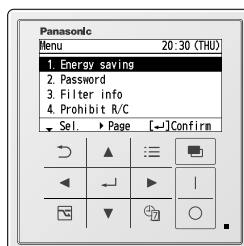
▲ ▼ → 

- To return to the previous screen

Press .

- To return to the standby screen

Press  2 times.



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.	◀▶ [Set]

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.)

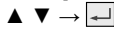
Pattern1/Timer1	20:30 (THU)
Set the start time	
12:00	
◀ Change ▶ Min	

● 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.

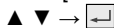
Pattern1	20:30 (THU)
Select change/delete No. 1	
Change	
Delete	
▼ Sel.	[↔]Next

● 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 timer?	
YES ▶ NO	

Note

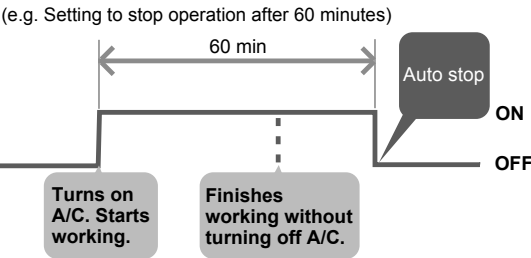
This unit is equipped with the following 3 settings. Any of them is set at the time of installation.

- 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.



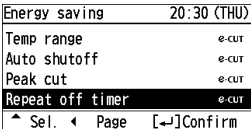
1 Select [Energy saving] on the menu screen. (P.27)



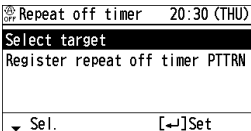
- To return to the previous screen
Press
- To return to the standby screen
Press 2 times.



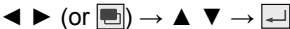
2 Select [Repeat off timer].



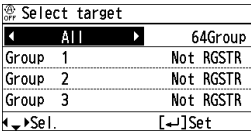
3 Select [Select target].




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



- Press or to select [All] or [Zone], and press to select [Group].




5 Set [Repeat off timer] to ☒.


◀ ▶ (or )

Target/All	
Repeat off timer	<input checked="" type="checkbox"/>
Off timer pattern	Not RGSTR
Sel. ◀ ▶ <input checked="" type="checkbox"/> <input type="checkbox"/>	

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	<input checked="" type="checkbox"/>
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)

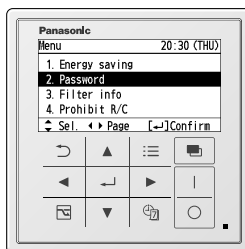
▲ ▼ → 

● To return to the previous screen

Press .

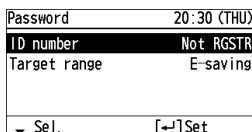
● To return to the standby screen

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

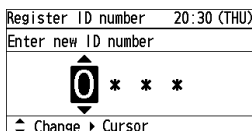
4 Select the item.

▲ ▼ → 



5 Enter a new password.

▲ ▼ →  → 

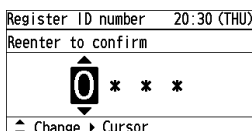
(Repeat)



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)
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)

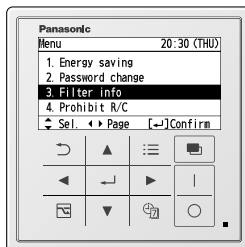


- To return to the previous screen

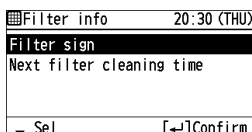
Press .

- To return to the standby screen

Press  2 times.



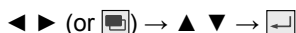
2 Select the item to set.



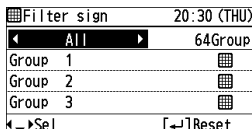
Filter sign

After the filter is cleaned

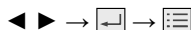
3 Select the target. (See P.29 step 3.)



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

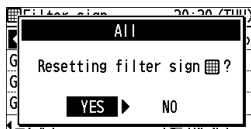


4 Select [YES].



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

Filter info	20:30 (THU)
This function is disabled.	
[↵]Close	

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)

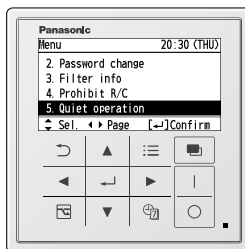


● To return to the previous screen

Press .

● To return to the standby screen

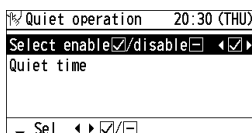
Press 2 times.



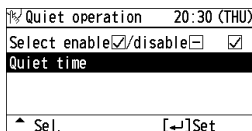
2 Set [Select enable ☒ /disable ☒.



- Select the item with ▲ ▼ and select ☒ / ☐ with ◀ ▶.



3 Select [Quiet time].



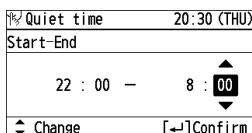
4 Set the time to perform quiet operation.



(Repeat)

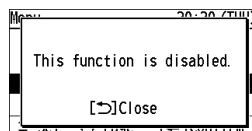


(Press 2 times to finish.)



Note

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



- 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)

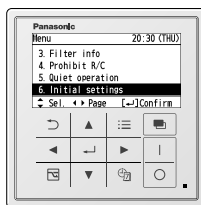


- To return to the previous screen

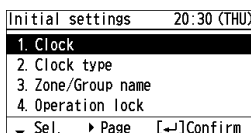
Press .

- To return to the standby screen

Press 2 times.



2 Select the item to set.



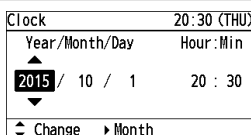
Clock

3 Set the date and time.



(Repeat)

(Press 2 times to finish.)

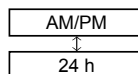
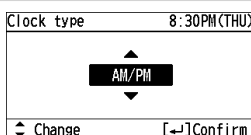


Clock type

3 Select the type to display.



(Press 2 times to finish.)



Operation lock

3 Select the type of lock and set to .



(Press 2 times to finish.)

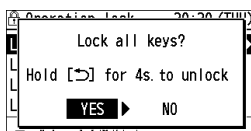
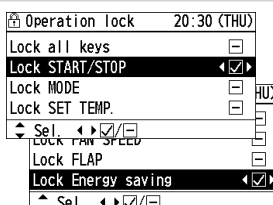
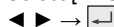
- To cancel lock

Select .

Only for [Lock all keys]

The screen shown on the right is displayed.

Select [YES].



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.



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

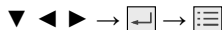
Select [BS] with ▲ ▼ ◀ ▶ and press .

Group 1:	
ABC/abc	0-9/Other
ABCDEFGHIJKLMNOPQRSTUVWXYZ	Space
STUVWXYZ	BS
klmnopqrstuvwxyz	Conf
◀▶Sel.	

Group 1:	
ABC/abc	0-9/Other
0 1 2 3 4 5 6 7 8 9 ! " # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ { } ~ `	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/Other
ABCDEFGHIJKLMNOPQRSTUVWXYZ	Space
STUVWXYZ	BS
klmnopqrstuvwxyz	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

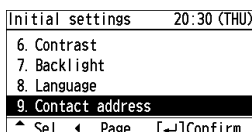
Press .

- To return to the standby screen

Press 2 times.



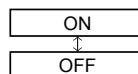
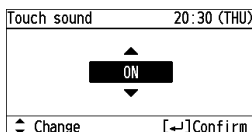
2 Select the item to set.



Touch sound

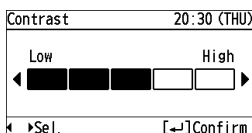
3 ▲ ▼ → → (Press 2 times to finish.)

- The volume cannot be changed.



Contrast

3 ◀ ▶ → → (Press 2 times to finish.)



Backlight

3 ◀ ▶ → → (Press 2 times to finish.)

- 4-level brightness adjustment
(shows the back light is off.)



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	XXXXXXXXXXXXXXXXXX
Contact number	XXXXXXXXXXXXXXXXXX
[↵>]Close	

Settings List

Group information / Setup information

This provides the meanings of setting information icons.

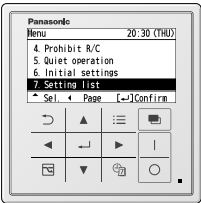
Setting information icon

All	Zone	Group	20:30 (THU)
◀	Zone 1	▶	16Grou
Group 1		☀❄	28°C
Group 2		Stopping	
Group 3		☀❄	26°C
↵Sel.	↵]0per	☐]All	

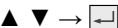
1 Select [Setting list] on the menu screen. (P.27)



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



2 Select the item.

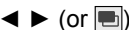


Setting list	
Group info	
Setup info	
↵Sel.	↵]Confirm

Group information

Displays the selected group setting information.

3 Select the target group.



- Press ◀▶ or to select [All] or [Zone].



- Press ▲▼ to select [Group].
- Pressing ◀▶ skips 3 groups to select.

Group info	
◀	All ▶
Group 1	64Grou
Group 2	
Group 3	
↵Sel.	↵]Info

Group info	
All	1/64Group
Group 1	
Group 2	
Group 3	
↵Sel.	↵]Info

4 Select the setting information icon.



Group info/Group 1	
off	off
↵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	
↵Sel.	↵]Notes

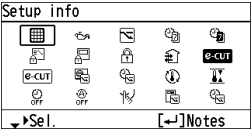
- ☑ :Enable
- ☐ :Disable

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

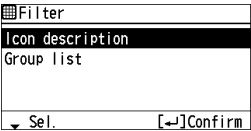
Setup information

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.



4 Select the item.



5 Confirm.

● Icon description

After confirming →

(Press 2 times to finish.)



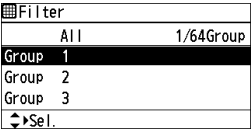
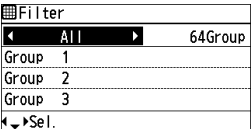
● Group list

◀ ▶ (or)





















- Press ▶ or to select [All] or [Zone].



- Press ▲ ▼ to select [Group].
- Pressing ▶ skips 3 groups to select.

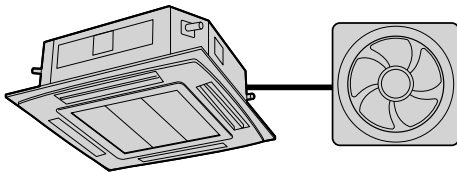


● Setting information icon list

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
	The energy saving function is set.	–
	The energy saving function is operating.	–

Ventilation Setting

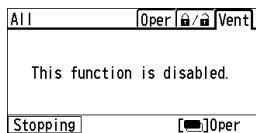
This unit can control ventilation during operation for the following indoor units.



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.



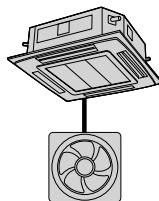
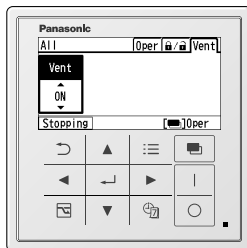
Use this setting when a commercially sold fan, etc. is connected to the air conditioner. Setting the ventilation to ON/OFF starts to operate or stops the fan. When the air conditioner is operated or stopped, the fan starts to operate or stops at the same time.

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

Press .

■ Ventilation ON/OFF

Switches the fan to ON/OFF.



2 Set.



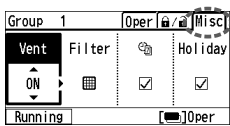
Ventilate

Not ventilate

Ventilation Setting (continued)

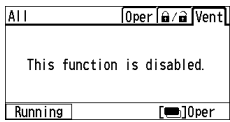
Note

- The screen differs depending on the connected model.
Example



([Misc] screen P.61)

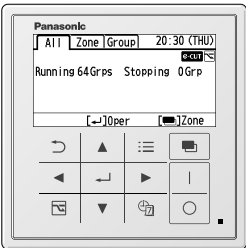
- If there is no ventilation fan present, the screen below is displayed.




Disabling Remote Control Operation

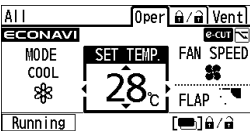
Disables the remote control operation for selected indoor units.

1 Select indoor units. (P.16)

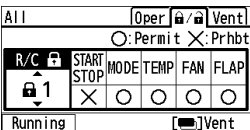
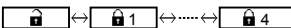



2 Switch to the remote control prohibition screen.


Press .






3 Select from [🔒 1] to [🔒 4].








 : 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.
- ×

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.



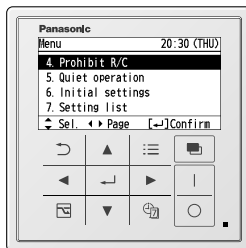
- * For [Start/Stop], [Mode], [Set Temperature], [Fan Speed] and [Flap], see P.18.
- * The contents for [🔒 1] to [🔒 4] can be changed.

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)



2 Select from [1] to [4].



Prohibit R/C ○: Permit ×: Prhbt					
	START STOP	MODE	TEMP	FAN	FLAP
1	×	○	○	○	○
2	×	×	×	○	○
▼ Sel. [↵] Set					

3 Select the item to disable.



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

R/C 1 ○: Permit ×: Prhbt					
START STOP	MODE	TEMP	FAN	FLAP	
	○	○	○	○	
▶ Sel. ◀ Change [↵] Confirm					

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

Other Screen

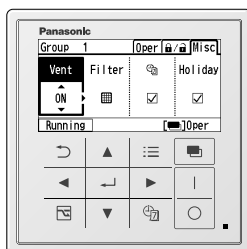
Filter sign reset / Weekly timer / Holiday

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

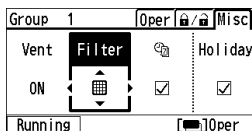
Displays the filter cleaning timing, and resets the elapsed time from cleaning. (P.46)

2 Select the item.





-- Filter cleaning unnecessary

 Filter cleaning necessary




3 Set.

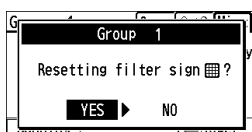


- Press  to select [YES], and press .

(The elapsed time count from the filter cleaning is reset.)



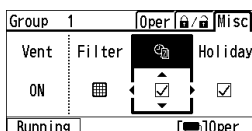
- Clean the filter, and press .



Weekly timer

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

2 Select the item.

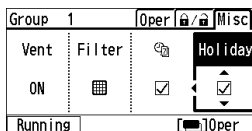


- ☒ Timer operation performed
- ☐ No timer operation

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.	 10per	 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.

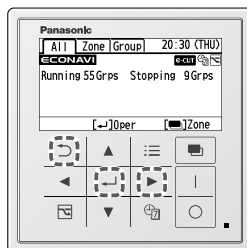
TEST is displayed.

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 [Menu] → [Exit] 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)