



THE POSSIBILITIES ARE INFINITE



# Optional Wired Remote Controller

AR-3TA13



FUJITSU GENERAL AMERICA, INC.  
FUJITSU GENERAL LIMITED

# The optional remote controller is designed to provide flexibility in both residential and commercial applications

## Increased Flexibility

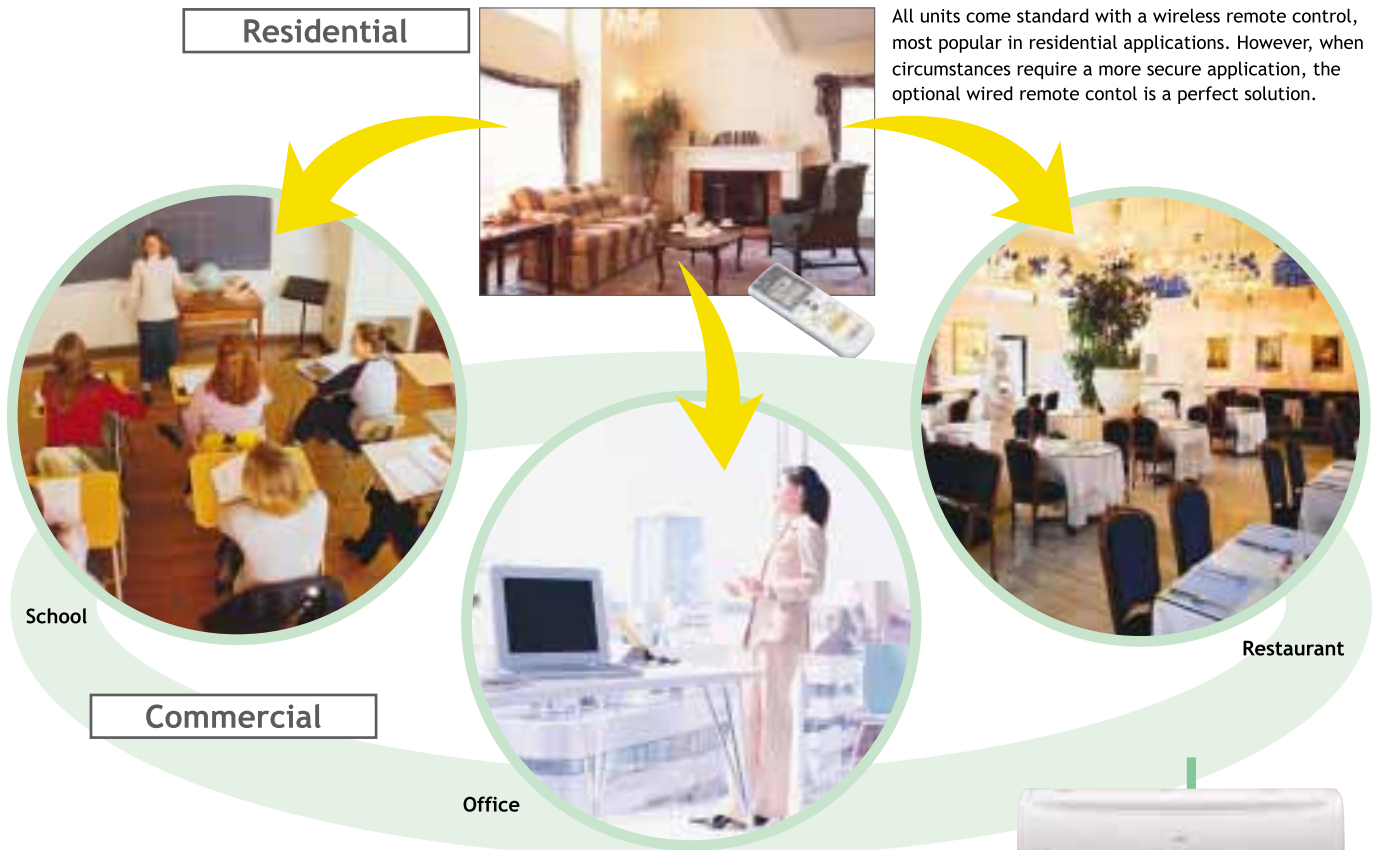


ASU9CQ/9RQ/12CQ/12RQ

Our first optional wired remote controller with Simple mode, (Model No.: AR-3TA13) will be shipped in March 2005. This optional remote controller can meet specifications required for commercial applications. This new wired remote controller is compatible with our new 13+ SEER I.A.Q. systems (ASU9CQ, 9RQ, 12CQ, and 12RQ), as well as all future 13 SEER and higher models in the Halcyon line up.

## Remote Control Features

Ideal for use in hotels, schools, office buildings, restaurants, and medical facilities



While included wireless remote controllers can be set to turn the power on and off within a time span of 1 day (24 hours), they risk being tampered with because they do not have a lock function. Other problems can occur when using a wireless remote controller such as incorrect operation by visitors in hotels, schools, restaurants, and other commercial places.

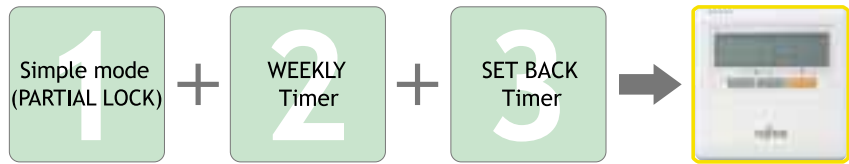
However, by using this optional wired remote controller, not only can power be turned on and off, but it is possible to set temperatures by time and day. Temperature management is achieved by locking the set contents. Additionally, since it is wired, there is no chance of loss or theft of the remote controller. It is perfect in both residential and commercial construction.

The optional wired remote controller with its new unique lock function and sleek design provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers. Parents will enjoy the fact that their children can modify the temperature without altering other settings that are secured by a lock feature.

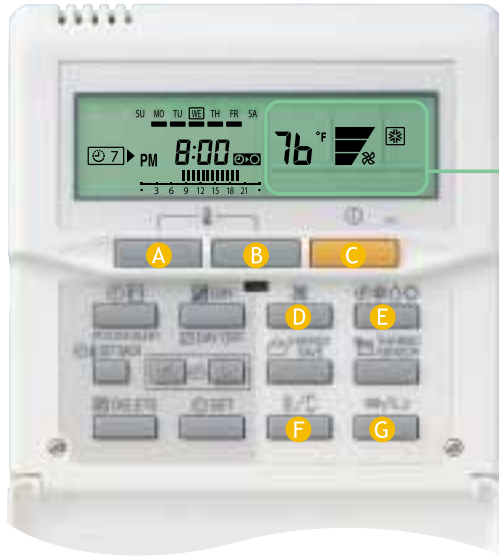


# Advanced Features

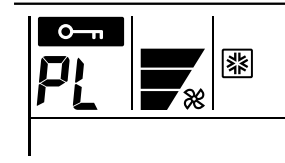
Precise temperature control is achieved through three functions that are included in the compact design of the wired remote controller.



## 1 Simple mode (PARTIAL LOCK)



This feature provides various timer settings for use in a wide range of applications. "PL" is shown on a liquid crystal display to let you know that the unit is in Simple mode (PARTIAL LOCK).

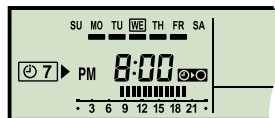


### New Partial Lock Feature and Compact Design

The lock feature is called "Simple mode" and allows touch button operation of basic functions. All other settings and operations are locked. "Minimum necessary buttons" is a total of 6 to 7 buttons, depending on model. **A** lower the temperature setting, **B** raise the temperature setting, **C** turn the power on/off, **D** fan on/off, and **E** auto, cooling, drying, and heating modes switching, and louver adjusting **F** up/down button and **G** left/right button (Except for small wall mounted units). Operations vary depending on the type of indoor air conditioner unit.

## 2 WEEKLY Timer

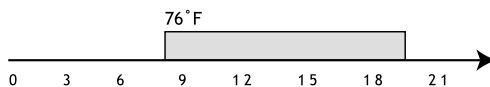
Built-in weekly timer function makes it possible to set the timer for each day independently for up to one week. (Maximum two settings per day).



Example of setting display.  
(Setting: Wednesday 8:00 AM - 8:00 PM)



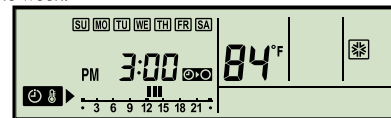
Display after timer is set



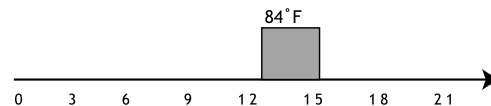
## 3 SET BACK Timer

Full seven day program capability; different schedules and temperature set points may be selected for every day to fit any schedule. The optional wired remote control SET BACK function allows you to set different temperatures for different times of the day. For example, you may set a temperature you want to have the building reach before employees arrive in the morning, a temperature you wish the building to maintain during working hours, and then lower the temperature when the building is unoccupied in the evening.

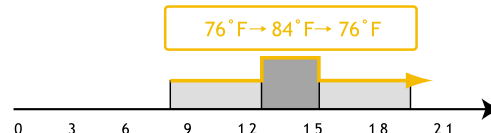
The easily programmable remote control allows you to program set back for an entire week at one time. Repeat function makes programming easier and faster. Timer function allows users to control the temperature of each time period of the week.



Example of setting display.  
(Setting: Sunday - Saturday, 1:00 PM - 3:00 PM, 84°F)



At "WEEKLY" + "SET BACK" timer setting



### Comparison with other companies

(WEEKLY timer & SET BACK timer)

	FGL	A	B	C	D
2 WEEKLY	○	△	△		○
3 SET BACK	○	△	△		

○: Built-in    △: Option

### Other functions

- On / Off timer function
- Auto restart
- Auto changeover

# Functions

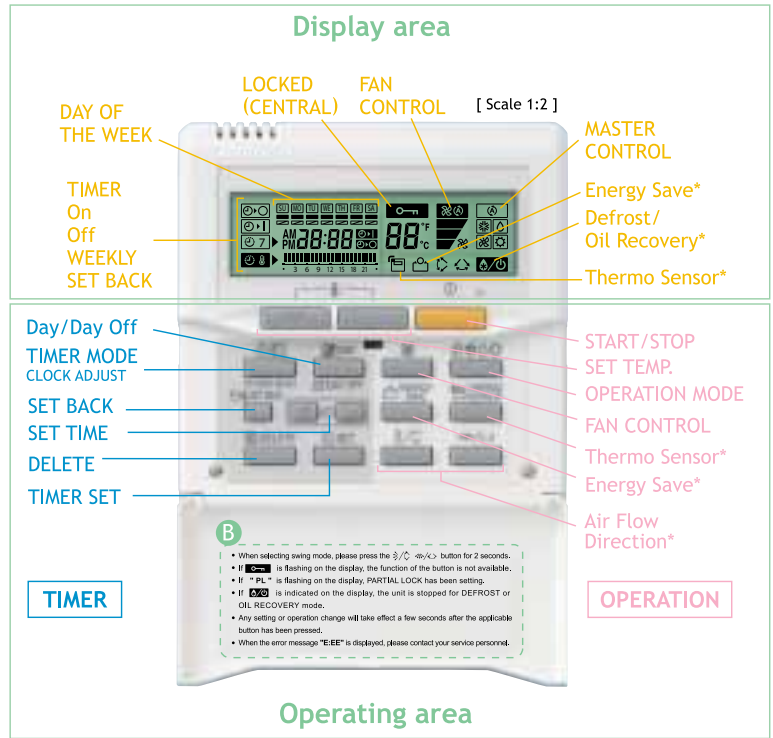
The optional remote controller will be shipped with all buttons and labels as shown. Depending on the type of indoor unit, you may encounter a button not applicable to your unit. **A** the installer can switch the printed circuit board switch (DIP switch) inside the remote controller to disable any non-applicable button(s). **B** If the user pushes an incorrect or non-applicable button, the LCD display will indicate the selection of the wrong key by showing a "key mark".

## The "key mark" Precaution

If **key mark** is flashing on the display, the function of the button is not available. More information is provided on the label on the inside of the front cover.

The new, easy-to-use compact design openly displays just three buttons which **1** turn the power on and off, **2** raise the temperature setting, and **3** lower the temperature setting. These more frequently used buttons are easily accessible, while the other buttons are hidden under a cover.

The buttons behind the cover are also strategically laid out, while easy to see and operate. The left half is classified into the timer setting area while the right half is classified into the operation setting area.

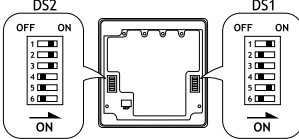


Depending on the model, the displays and functions indicated by the \* may not be usable.

### A DIP switch

Figure below: Switches on both sides of the circuit board on the remote controller body rear case

Initial setting at the time of shipment is set by the places marked to the right. This is set by adjusting to different combinations for different indoor units.



### DIP switch (DS2) switching function

Switching function	DS2 setting contents	
	OFF	ON
DS2-1 Thermo Sensor key	Enable	Disable
DS2-2 Energy Save key	Enable	Disable
DS2-3 Louver/Swing(Right/Left) key	Enable	Disable
DS2-4 Louver/Swing(Up/Down) key	Enable	Disable
DS2-5	Fixed	
DS2-6	Fixed	

Initial setting mark: Compact wall mounted type

### DIP switch (DS1) switching function

Switching function	DS1 setting contents	
	OFF	ON
DS1-1		Fixed
DS1-2	Fixed	
DS1-3	Fixed	
DS1-4 Cooling only/heat pump switching	Heat pump	Cooling only
DS1-5		Fixed
DS1-6	Fixed	

For cooling only, DS1-4 is switched.

# Specifications

Dimension (inch) 4.72 (H) x 4.72 (W) x 0.63 (D) [ tentative ]

Operating area	Display area
Timer Mode (ON / OFF / WEEKLY)	Timer Mode (ON / OFF / WEEKLY)
Day of the Week (Day off Setting)	Day of the Week (Day off Setting)
SET BACK timer	SET BACK timer
Set Time	Set Time
Timer Delete	Timer Table (Bar)
Timer Setting	Locked key operation mark
Temperature Setting (60°F - 88°F)	Temperature Setting (60°F - 88°F)
Start / Stop (ON / OFF)	Fan Speed (HIGH / MED / LOW / AUTO)
Fan Speed (HIGH / MED / LOW / AUTO)	Operating Mode (COOL / HEAT / DRY / FAN / AUTO)
Operating Mode (COOL / HEAT / DRY / FAN / AUTO)	Thermo Sensor ON (Wired Remote Controller)
Thermo Sensor Changing	Energy Saving Operation
Energy Saving Operation	Automatic Swing Operation (Horizontal / Vertical)
Air Flow Direction (Horizontal / Vertical)	Defrost / Oil Recovery

With this remote controller, the unusable buttons and functions which are limited depend on the model of air conditioner. When this remote controller is in use, wireless remote controller can not be used.



• ISO 9002  
• ISO 14001



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