

SERVICE INSTRUCTIONS

**MULTI SPLIT TYPE
AIR CONDITIONER**

- **3-ROOM MULTI**
ASU9T
ASU18T
AOU36T

**WIRELESS REMOTE
CONTROL MODEL**

CONTENTS

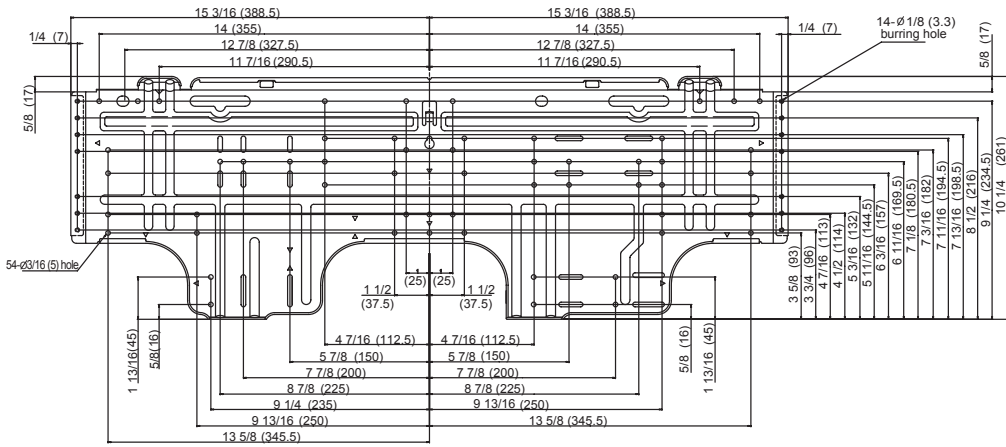
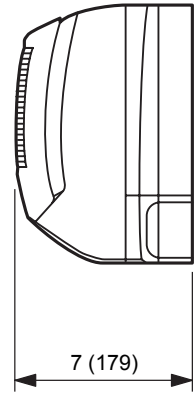
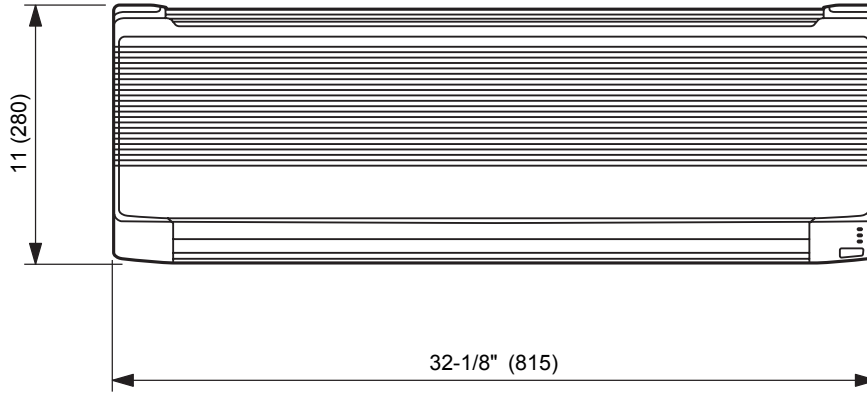
DIMENSIONS	1
DESCRIPTION OF FUNCTIONS	3
TROUBLESHOOTING GUIDE	8

DIMENSIONS

MULTI SPLIT TYPE (WALL MOUNTED TYPE)

INDOOR UNIT
Model : ASU9T

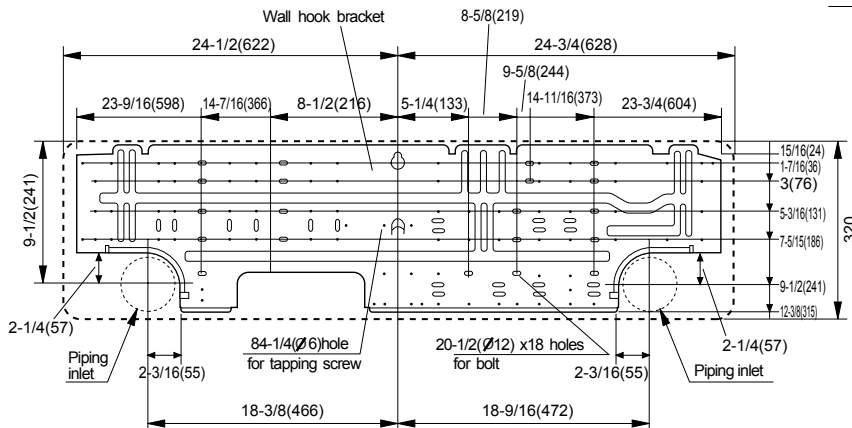
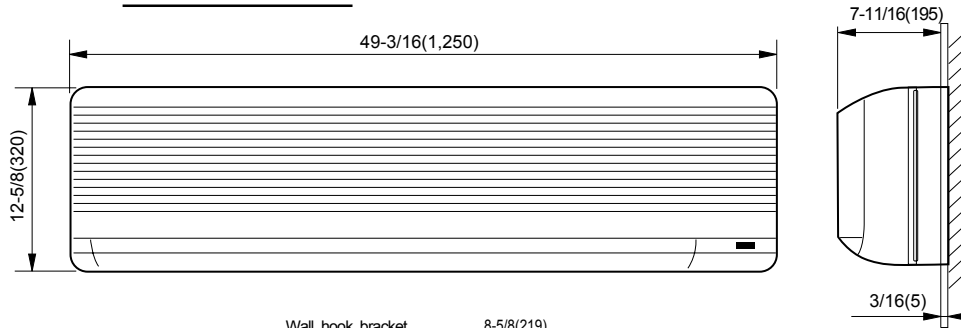
Unit : inch(mm)



ASU9T

Connecting Pipe	Gas	3/8(Ø9.52)
	Liquid	1/4(Ø6.35)
Drain Pipe	5/8(Ø16)	

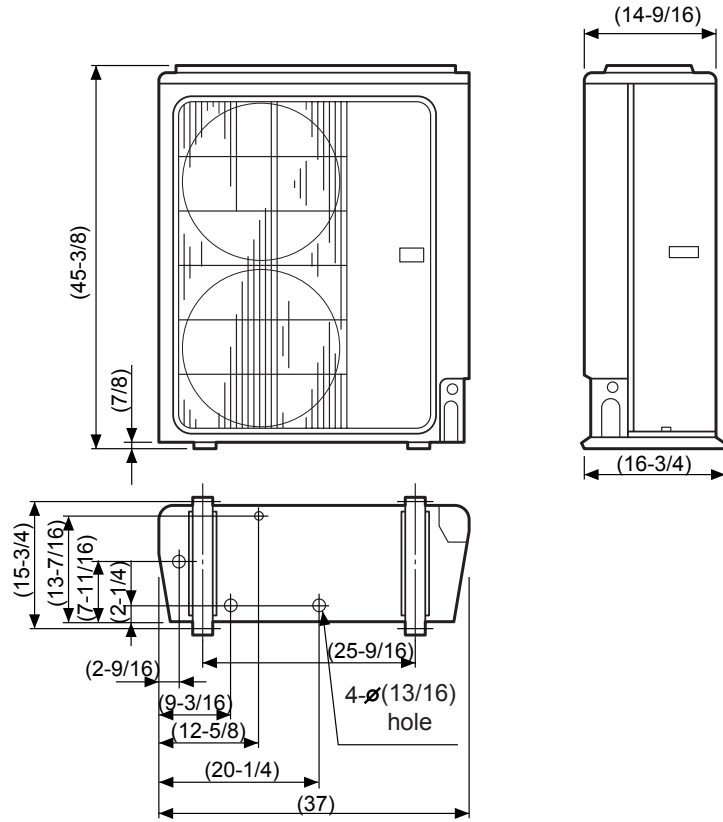
Model : ASU18T



Connecting Pipe	Gas	Ø 1/2(12.7)
	Liquid	Ø 1/4(6.35)
Drain Pipe	Ø 5/8(16)	

OUTDOOR UNIT
AOU36T (3-ROOM)

Unit : (inch)



DESCRIPTION OF FUNCTIONS

1. THREE MINUTES DELAY FUNCTION (3ST)

The outdoor unit is not operated for three minutes after the power plug is inserted into the socket. (Compressor protection, breaker off prevention, etc.)

2. THREE MINUTES CONTINUOUS OPERATION TIMER (3HT)

Operation continues for three minutes after the compressor starts.

3. INDOOR HEAT EXCHANGER DE-ICING FUNCTION (Cooling & dry operation)

- Cooling operation

When the temperature of the heat exchanger at the indoor side drops below 3°C during cooling operation, FAN CONTROL is switched to HIGH flow automatically.

After that, when the temperature of the indoor heat exchanger reaches 7°C or more, fan control returns to the specified air flow.

When the temperature of the indoor heat exchanger remains below 3°C for 3 minutes at HIGH flow, operation of the compressor stops.

- Dry operation

When the temperature of the heat exchanger is under 13°C at the start of operation, the compressor starts once.

But, the heat exchanger becomes more than 13°C, and the compressor does not start before the THREE MINUTES DELAY (3ST) function finishes.

When the temperature of the heat exchanger is under 13°C at the compressor stop, the indoor fan motor continues to operate until the THREE MINUTES DELAY (3ST) function.

4. DISCHARGE TEMPERATURE PROTECTION

(1) Discharge temperature protection operation

- (A) When [discharge temperature A] reaches 115°C or more in any case, [compressor A] is stopped (turned OFF).
- (B) When [discharge temperature B] reaches 115°C or more in any case, [compressor B] is stopped (turned OFF).

(2) Discharge temperature protection reset

- (A) When 3 minutes (3 mins ST) have elapsed after [compressor A] was stopped (turned OFF) by [discharge temperature protection operation] and [discharge temperature A] has dropped to 105°C or less, [discharge temperature protection] of [compressor A] is reset.
- (B) When 3 minutes (3 mins ST) have elapsed after [compressor B] was stopped (turned OFF) by [discharge temperature protection operation], and [discharge temperature B] has dropped to 105°C or less, [discharge temperature protection] of [compressor B] is reset.

5. SET TEMPERATURE COMPENSATION AT OPERATION START

At the start of operation and when MASTER CONTROL is switched to cooling and heating, the set temperatures are compensated and by -1°C for cooling operation for 40 min.

6. TEST BUTTON AND OTHER OPERATION KNOBS

1) TEST RUN button

- This button is used when installing the conditioner, and should not be used under normal conditions, as it will cause the air conditioner's thermostat function to operate incorrectly.
- If this button is pressed during normal operation, the unit will switch to test operation mode, and the Indoor Unit's OPERATION Indicator Lamp and TIMER Indicator Lamp will begin to flash simultaneously.
- To stop the test operation mode, either press the TEST RUN button once again, or press the START/STOP button to stop the air conditioner.

2) OTHER OPERATION KNOBS

① POWER SWITCH

ON : During normal operation, leave in this position.

OFF : Set to this position when not using the unit for an extended period of time.

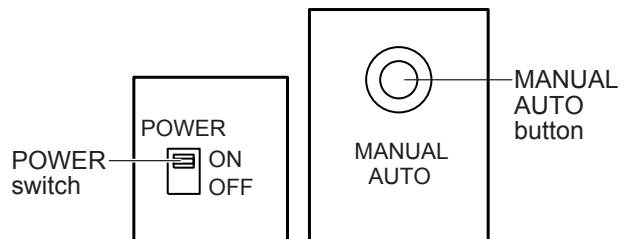
② MANUAL AUTO BUTTON

Use this button for temporary manual operation in the event that the remote control unit batteries die, or the remote control unit is lost. Press the MANUAL AUTO button on the main unit control panel.

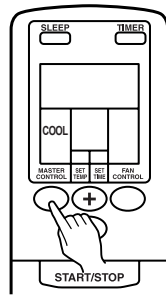
Press the MANUAL AUTO button on the main unit control panel.

To stop operation, press the MANUAL AUTO button once again, or set the POWER switch to OFF.

(Controls are located inside the intake Grille.)



- When the air conditioner is operated with the controls on the Main Unit, it will operate under the same mode as the AUTO mode selected on the Remote Control Unit.
- The fan speed selected will be "AUTO" and the thermostat setting will be standard.



Example: When set to COOL

③ MASTER CONTROL BUTTON

- Press the MASTER CONTROL button to select the desired mode.
Each time the button is pressed, the mode will change in the following order.



About three seconds later, the entire display will reappear.

④ SET TEMP. BUTTONS

- Press the SET TEMP. buttons
 ⊕ button : Press to raise the thermostat setting.
 ⊖ button : Press to lower the thermostat setting.

Thermostat setting range :

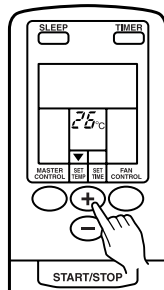
Circulator	17 to 30°C
Cooling / Drying	18 to 30°C
AUTO	Standard temperature setting ±2°C

(During use of FAN mode, if the thermostat is set at 17°C or lower, the display will show "--" and the fan will operate continuously, regardless of the room temperature.)

About three seconds later, the entire display will reappear.

NOTE:

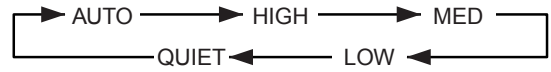
The thermostat setting should be considered a standard value, and may differ somewhat from the actual room temperature.



Example: When set to 26°C

⑤ FAN CONTROL BUTTON

Press the FAN CONTROL button.
Each time the button is pressed, the fan speed changes in the following order:



About three seconds later, the entire display will reappear.

When set to AUTO :

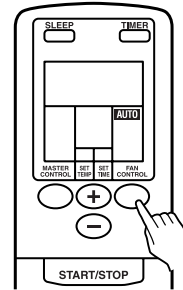
Cooling: As the room temperature approaches that of the thermostat setting, the fan speed becomes slower.

Fan: The fan will operate at the optimum speed in accordance with the room temperature in the vicinity of the indoor unit.

When set to QUIET:

SUPER QUIET operation begins. The indoor unit's air flow will be reduced for quieter operation.

- SUPER QUIET operation cannot be used during Dry mode. (The same is true when dry mode is selected during AUTO mode operation.)
- During SUPER QUIET operation, Cooling performance will be reduced somewhat.



Example: When set to AUTO

⑥ SWING LOUVER BUTTON

- **Press the SWING LOUVER button.**
The SWING indicator lamp (orange) will light.
In this mode, the Air Flow Direction Louvers will swing automatically to direct the air flow both up and down.
- **Press the SWING LOUVER button once again to stop SWING operation.**
The SWING Indicator lamp (orange) will go out.
Air flow direction will return to the setting before swing was begun.

About Swing Operation

- The range of swing is relative to the currently set airflow direction.
- If the swing range is not as desired, use the Remote Control Unit's AIR FLOW DIRECTION button to change the range of swing.
- During Cooling/Dry modes, if SWING operation is continued at the lowest (downward) range for more than 30 minutes, the unit will automatically switch the swing range to the horizontal flow range, to prevent the condensation of moisture on the outlet.
- The SWING operation may stop temporarily when the air conditioner's fan is not operating or when operating at very low speeds.

⑦ MANUAL AUTO OPERATION

Use the MANUAL AUTO operation in the event the Remote Control Unit is lost or otherwise unavailable.

How to Use the Main Unit Controls :

- Press the **MANUAL AUTO** button on the main unit control panel.

To stop operation, press the MANUAL AUTO button once again, or set the POWER switch to OFF. (Controls are located inside the Intake Grille)

- When the air conditioner is operated with the controls on the Main unit, it will operate under the same mode as the AUTO mode selected on the Remote Control Unit.
- The fan speed selected will be "AUTO", and the thermostat setting will be standard.

⑧ ADJUSTING THE DIRECTION OF AIR CIRCULATION

Vertical (up-down) direction of air flow is adjusted by pressing the Remote Control Unit's AIR FLOW DIRECTION button. Horizontal (right-left) air flow direction is adjusted manually, by moving the Air Flow Direction Louvers.

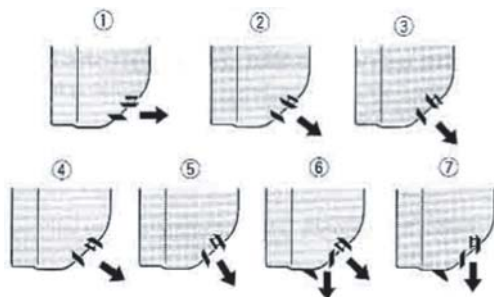
Whenever making horizontal air flow adjustments, start air conditioner operation and be sure that the vertical air direction louvers are stopped.

Vertical Air Direction Adjustment

Press the AIR FLOW DIRECTION button.

Each time the button is pressed, the air direction range will change as follows :

Cooling/Dry mode	① → ② → ③ → (⑥) ^{NOTE}
Fan mode	① → ② → ③ → ④ → ⑤ → ⑥ → ⑦



- Use the air direction adjustments within the ranges shown above.
- The vertical air flow direction is set automatically as shown, in accordance with the type of operation selected.
 - During Cooling/Dry mode : Horizontal flow ①
 - During Fan mode : Downward flow ⑥
- If you wish to select a different airflow direction, you may use the remote control unit's AIR FLOW DIRECTION button to choose a different setting.
- During AUTO mode operation, for the first minute after beginning operation, airflow will be horizontal ① ; the air direction cannot be adjusted during this period.

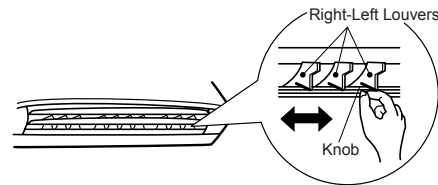
NOTE

You can select the air direction ①, ②, ③, or ⑥ (downward) by pressing the AIR FLOW DIRECTION button. Use the air direction ⑥ when you want to cool yourself for a while after taking a bath or shower, or after coming back home in summer months. But, for prevention of condensation on the louver, the air direction ⑥ is automatically released after 30 minutes and turned to the air direction ③.

Right-Left Adjustment

Adjust the Right-Left Louvers.

- Move the Right-Left louvers to adjust air flow in the direction you prefer.



⚠ CAUTION

- Never place fingers or foreign objects inside the outlet ports, since the internal fan operates at high speed and could cause personal injury.

- Always use the remote control unit's AIR FLOW DIRECTION button to adjust the vertical airflow louvers. Attempting to move them manually could result in improper operation; in this case, stop operation and restart. The louvers should begin to operate properly again.
- When used in a room with infants, children, elderly or sick persons, the air direction and room temperature should be considered carefully when making settings.
- Always operate the Air Flow Direction Louvers and the Power Diffuser with the air flow direction buttons on the remote control. Forcible movement by hand can cause incorrect operation. In such a case, stop the operation to let the unit return to normal condition.

7. TIMER

① ON timer or OFF timer

- (1) Press the START/STOP button.
(if the unit is already operating, proceed to step 2).
The indoor unit's OPERATION Indicator Lamp (red) will light.

• To Cancel the Timer

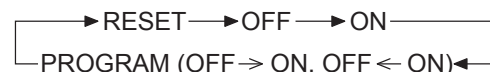
Use the TIMER button to select "TIMER RESET."
The air conditioner will return to normal operation.

- (2) Press the TIMER button to select the OFF timer or ON timer operation.

Each time the button is pressed the timer function changes in the following order :
The indoor unit's TIMER Indicator lamp (green) will light.

• To Change the Timer Setting

Perform steps (2) and (3).



- **To Stop Air Conditioner Operation while the Timer is Operating**

Press the START/STOP button.

- (3) Use the SET TEMP/SET TIME button to adjust the desired OFF time or ON time. Set the time while the time display is flashing (the flashing will continue for about five seconds).

⊕ button : Press to advance the time.

⊖ button : Press to reverse the time.

About five seconds later, the entire display will reappear.

- **To Change Operating Conditions**

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

About the Program timer

- The PROGRAM timer allows you to integrate OFF timer and ON timer operations in a single sequence. The sequence can involve one transition from OFF timer to ON timer, or from ON timer to OFF timer, within a twenty-four hour period.
- The first timer function to operate will be the one set nearest to the current time. The order of operation is indicated by the arrow in the Remote Control Unit's display (OFF → ON, or OFF ← ON).
- One example of Program timer use might be to have the air conditioner automatically stop (OFF timer) after you go to sleep, then start (ON timer) automatically in the morning before you arise.

② Program timer

- (1) Press the START/STOP button. (if the unit is already operating, proceed to step 2). The indoor unit's OPERATION Indicator Lamp (red) will light.
 - **To Cancel the Timer**
Use the TIMER button to select "TIMER RESET." The air conditioner will return to normal operation.
- (2) Set the desired times for OFF timer and ON timer. See the section "To Use the ON Timer or OFF Timer" to set the desired mode and times. About three seconds later, the entire display will reappear. The indoor unit's TIMER Indicator Lamp (green) will light.

- **To Change the Timer Setting**

1. Follow the instructions given in the section "To Use the ON Timer or OFF Timer" to select the timer setting you wish to change.

2. Press the TIMER button to select either OFF ON or OFF ← ON.

- (3) Press the TIMER button to select the PROGRAM timer operation (either OFF → ON or OFF ← ON will display). The display will alternately show "OFF timer" and "ON timer", then change to show the time setting for the operation to occur first.

The PROGRAM timer will begin operation. (If the ON timer has been selected to operate first, the unit will stop operating at this point).

About five seconds later, the entire display will reappear.

- **To Stop Air Conditioner Operation while the Timer is Operating**

Press the START/STOP button.

- **To Change Operating Conditions**

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

③ SLEEP Timer

While the air conditioner is operating or stopped, press the SLEEP button.

The indoor unit's OPERATION Indicator Lamp (red) will light.

- **To Cancel the Timer**

Use the TIMER button to select "TIMER RESET." The air conditioner will return to normal operation.

④ Changing Timer Setting

Press the SLEEP button once again and set the time using the SET TIME buttons.

Set the time while the Timer Mode Display is flashing (the flashing will continue about five seconds).

⊕ button : Press to advance the time.

⊖ button : Press to reverse the time.

About five seconds later, the entire display will reappear.

- **To Stop the Air Conditioner During Timer Operation:**

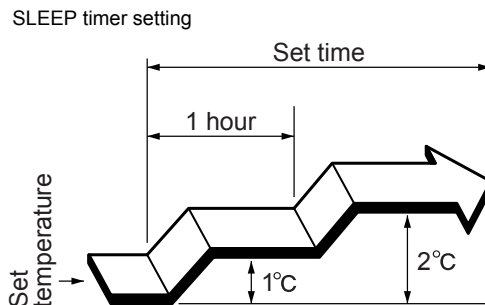
Press the START/STOP button.

About the SLEEP Timer

To prevent excessive warming or cooling during sleep, the SLEEP timer function automatically modifies the thermostat setting in accordance with the time setting. When the set time has elapsed, the air conditioner completely stops.

During Cooling/Dry operation :

When the SLEEP timer is set, the thermostat setting is automatically raised 1°C every sixty minutes. When the thermostat has been raised a total of 2°C, the thermostat setting at that time is maintained until the set time has elapsed, at which time the air conditioner automatically turns off.

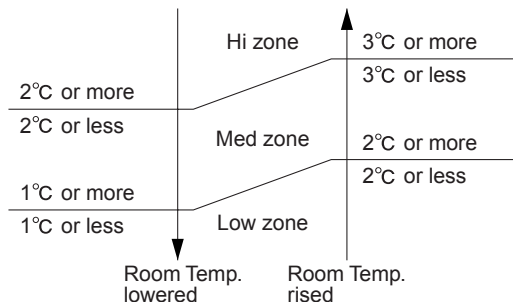


8. FAN CONTROL

A) "AUTO" POSITION

COOLING OPERATION

Air flow mode is set automatically in accordance with the condition "(Room temp. - Set temp.)" as shown below.



B) "LOW", "MED" AND "HIGH" POSITION

The indoor fan operates at the air flow set in FAN CONTROL mode.

9. OPERATING MODES

(1) "AUTO" position

- Depending on the room temperature at the time operation begins, the operating mode will be switched automatically as shown in the accompanying table.

Also, depending on the operating mode, the room temperature setting will cause the "standard" temperature to be set as shown.

Actual Room Temperature	Operating Mode	Thermostat Setting (standard setting)
30°C or above	→ Cooling	27°C
27°C to 30°C	→ Cooling	→ 26°C
25°C to 27°C	→ Dry	→ 24°C
23°C to 25°C	→ Dry	→ 22°C
Below 23°C	→ Dry	→ 20°C

The operating mode and standard thermostat settings are selected automatically when operation begins.

- When automatic operation is initiated, the fan will run at very low speed for about one minute while the unit detects and selects the proper operating mode.
- Once the operating mode has been set, the mode will not change even if the room temperature changes.
- If the START/STOP button is pressed to recommence operation within two hours after stopping automatic operation, the unit will begin operating from the same mode as before.

(2) **Cooling** : Use to cool your room.

(3) Dry :

- Use for gently cooling while dehumidifying your room.
- You cannot heat the room during Dry mode.
- During Dry mode, the unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when detecting room humidity.
- The fan speed cannot be changed manually when Dry mode has been selected.

(4) **Fan** : Use to circulate the air throughout your room.

During Cooling/Dry mode :

Set the thermostat to a temperature setting that is lower than the current room temperature. The Cooling and Dry modes will not operate if the thermostat is set higher than the actual room temperature (in Cooling mode, the fan alone will operate).

During Fan mode :

- Fan operation begins when room temperature in the vicinity of the air conditioner rises above the set thermostat temperature; when the temperature drops, fan operation stops.
- If the air emitted feels to cool, raise the thermostat setting.

TROUBLESHOOTING GUIDE

1. WORKING INSPECTION (When cooling)

SYMPTOM	POSSIBLE CAUSES	REMEDY
(1) Indoor unit evaporator is coated with frost. a. Frost near inlet b. Frost all over	Gas leakage Clogged filter Low ambient temperature (less than 20°C)	Check leaking part, and charge gas. Clean filter. Check ambient temperature.
(2) Compressor operates, but it does not cool.	Stained condenser	Clean.
(3) Water does not come out of drain hose.	When the compressor operates normally, the gas leaks.	Charge gas and replace parts.
(4) Return pipe (low pressure) of compressor is not cold.	Gas leakage	Charge gas. Replace parts.
(5) Outlet pipe (high pressure) of compressor is not hot.	Gas leakage	Charge gas.
(6) Compressor operates, but does not cool. a. Indoor unit evaporator is cold. b. Outdoor unit condenser is hot, but it does not cool.	Overload operation Stained condenser	Eliminate overload. Clean.
(7) Indoor unit air outlet temperature is low, but it does not cool.	Clogged filter The cooled air is shorted. Overload operation	Clean. Isolate problem and correct. Eliminate overload.

2. SYMPTOMS AND CHECK ITEMS

SYMPTOM	CAUSES	CHECK ITEM	CHECK POINTS
No operation	Power supply circuit faulty Microcomputer reset circuit faulty Remote control faulty External wiring receiving section faulty	CHECK 1 CHECK 2	Power supply circuit Microcomputer input signal Remote control troubleshooting
Erroneous operation (Runaway)	Microcomputer runaway	CHECK 3	Reset circuit
Display does not light correctly.	Display unit faulty LED driver faulty	CHECK 4	Display unit Microcomputer output signal Driver output signal
Room temperature cannot be controlled.	Room thermistor faulty Pipe temperature thermistor faulty A/D converter input section faulty Compressor relay circuit faulty	CHECK 5 CHECK 8 CHECK 6	Thermistor resistance value Microcomputer input signal Relay output
Room fan does not run and wind speed cannot be switched.	Wind speed relay faulty	CHECK 7	Microcomputer output signal Driver output signal
Indication panel abnormal	Thermistor shorted or open	CHECK 9	Thermistor resistance value

CHECK 1

Symptom --- No operation
Remote control is not received.

Preliminary checks

- * Is the power cord plugged in?
- * Is power present at plug socket?
- * Is power turned off?

(1) Power connection check

- * Is power received at main PC board terminal L/N ? (207 or 230V AC)
- * Is fuse (6.3A or 5A) blown?

(2) Power transformer check

- * Are 12P terminal and 3P terminal and CN1 inserted firmly?
- * Is 15 to 280 - 330 DC output at C5?

(3) Power supply circuit check

① 12V line

0V ----- D1, Q1, D3, D4, T1 faulty
C10, R8 shorted
D6 open

② 5V line

0V ----- D7 open, IC2 faulty
C11, C12 shorted.
Other parts shorted.

(4) Power interrupt signal faulty

R12, D15 open,
IC6 faulty.

(5) Reset IC faulty

IC7 faulty.

(6) Microcomputer oscillator faulty

Is oscillator waveform (5.0 MHz) output at microcomputer pins 26 and 27?
If oscillation waveform is not output, X1 or microcomputer is faulty.

(7) Microcomputer faulty

CHECK 2

Preliminary checks

- * If air conditioner operates when remote control battery is changed, there are no problems. (Battery life is six months to one year.)
- * When receiving part of remote control unit is exposed to direct sunlight, the remote control receiver may not be received.
- * When infrared signal between remote control unit and receiver is blocked, the remote control is not received.

(1) Remote control unit check

If signal tone is heard when a transistor radio is tuned to an unused frequency in medium wave band and remote control button is pressed within 5cm of radio, remote control unit is normal.

(2) When the remote control unit is normal

Is CN6 disconnected? (ASU9T)
Is CN13 disconnected? (ASU18T)
Receiver at air conditioner indicator PC board is faulty, or main PC board is faulty.

CHECK 3

Symptom --- Erroneous operation (Runaway)

Preliminary checks

- * Set wall outlet to OFF and wait at least 30 seconds. Then, set wall outlet to ON again. If remote control unit is received normally, there is no trouble.

(1) Reset circuit faulty

IC7 faulty, C40, C41 shorted

CHECK 4

Symptom --- Display does not light correctly.

Preliminary checks

- * Is display PC board connector CN6 inserted firmly?(ASU9T)
- * Is display unit cable open?
- * Is display PC board connector CN13 inserted firmly?(ASU18T)

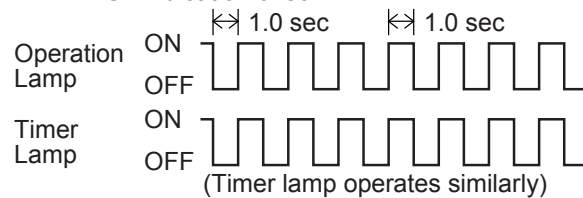
(1) LED driver faulty
D16, D17, D18 faulty.**CHECK 5**

Symptom --- Room temperature cannot be controlled.
(Compressor does not run or does not stop.)

Preliminary checks

- * Is TEST-MANUAL AUTO switch in TEST position?

TEST indication check



- * Is room temperature or thermistor connector CN 5 inserted firmly? (ASU9T)

- * Is set temperature correct?

- * Is room temperature or thermistor connector CN 8 inserted firmly? (ASU18T)

(1) Thermistor faulty

Room temperature thermistor resistance values are shown on page 10.
When there is a large error, thermistor is faulty.

(2) A/D input circuit faulty

R7 open or shorted, R17 open, C9 and C10 and C29 shorted. If all of above are normal, advance to **CHECK 6.**(ASU9T)

R43 open or shorted, R44 open C32 and C33 and C34 shorted. If all of above are normal, advance to CHECK 6.

CHECK 6

Symptom --- Room temperature cannot be controlled.

Preliminary checks

- * Is each Faston terminal CN9 of power relay inserted firmly?
- * Is indoor unit and outdoor unit connection wiring open or loose?

(1) IC 8 faulty

IC 8-3 (4) output port shorted.
Power relay faulty

CHECK 7

Symptom --- Room fan does not run.

Preliminary checks

- * At dehumidification operation, room fan is stopped while compressor is stopped.

- * Turn fan once or twice by hand.

If fan does not turn easily, fan motor is faulty.

(1) Fan motor faulty

Fan motor winding open (check between all windings)

(2) Fan motor capacitor faulty, C102 open.(ASU9T)

Fan motor capacitor faulty, CN4 open.(ASU18T)

(3) Relay drive circuit faulty

IC5 or IC101 faulty
IC5-3 output port shorted] (ASU9T)

SSR101 faulty, L101 open]
IC5 faulty
IC5-1, - 3, - 6 output port shorted] (ASU18T)

SSR101 faulty, LF101 open]

CHECK 8

Room temperature thermistor

- * CN5 disconnected. CN5 No.1-2 shorted.(ASU9T)
- * CN8 disconnected. CN8 No.1-2 shorted.(ASU18T)
- * Thermistor faulty
- * R7 open, shorted, R17 open
C9, C10, C29 shorted
R17 open

ASU9T

- * R43 open, shorted, R44 open
C32, C33, C34 shorted

ASU18T

* See **CHECK 9** for LED abnormal indications.

Heat exchanger (Pipe) thermistor

- * CN 4 disconnected. CN 4 No.1-2 shorted.
- * Thermistor faulty
- * R21 open, shorted.
C11, C12, C30 shorted.
R18 open.

ASU9T

- * R45 open, shorted.
C35, C36, C37 shorted.
R46 open.

ASU18T

* See **CHECK 9** for LED abnormal indications.

CHECK 9

Thermistor Abnormal Indication

- (1) Whether during operation or non-operation, when room temperature thermistor or heat exchanger thermistor is opened or shorted, operation is immediately stopped and failure indication (see item (3) described below) is displayed.
- (2) When this function stops operation, any operation instruction cannot resume operation.
- (3) Failure indications stated in (1) are shown at the right figure.

3. Thermistor resistance values

(1) Room temperature thermistor

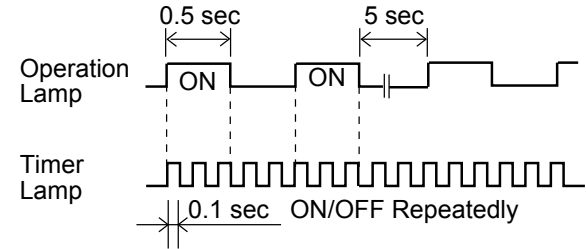
Room temperature (°C)	3	5	8	10	15	20	25	29	31	33	36	40	44
Resistance value (kΩ)	28.7	25.9	22.3	20.1	15.8	12.5	10.0	8.4	7.7	7.0	6.2	5.3	4.5

(2) Heat exchanger (pipe) temperature thermistor

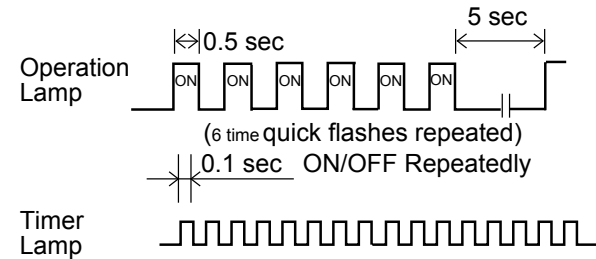
Pipe temperature (°C)	0	2	6	10	14	18	22	26
Resistance value (kΩ)	176.0	157.8	127.3	103.3	84.4	69.3	57.2	47.5
Pipe temperature (°C)	30	34	38	44	50	56	60	
Resistance value (kΩ)	39.6	33.2	27.9	21.7	17.0	13.5	11.6	

ASU9T

* Room temperature or Heat exchanger (Pipe) thermistor abnormal

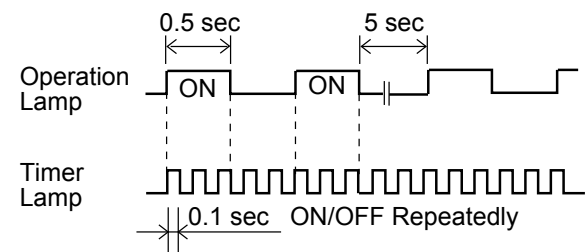


* Indoor unit FAN Motor abnormal

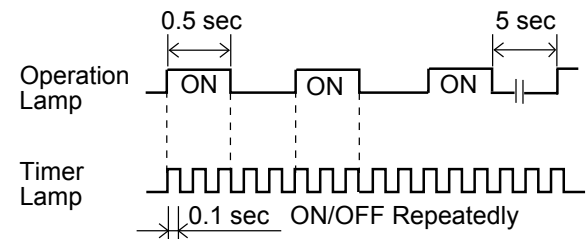


ASU18T

* Room temperature thermistor abnormal




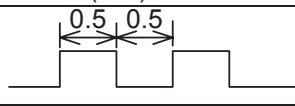

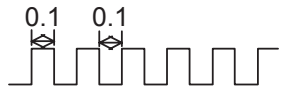

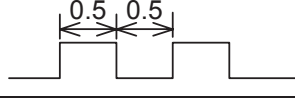

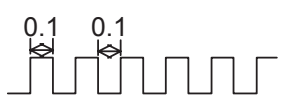

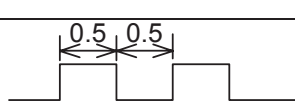

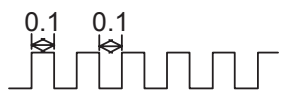
* Heat exchanger (Pipe) thermistor abnormal



4. Troubleshooting check table

AOU36T (3-ROOM)

Trouble and protection indicate (Outdoor unit)

Operation factor	Indicator lamp	Flash / Time (sec)
Discharge temperature protection A	D18 	ON OFF 
Discharge temperature A Thermistor abnormal (Thermistor open or short-circuited)	D18 	ON OFF 
Outdoor temperature protection	D17 	ON OFF 
Outdoor temperature Thermistor abnormal (Thermistor open or short-circuited)	D17 	ON OFF 
Discharge temperature protection B	D16 	ON OFF 
Discharge temperature B Thermistor abnormal (Thermistor open or short-circuited)	D16 	ON OFF 

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