

PANEL PARTS

PL12AK

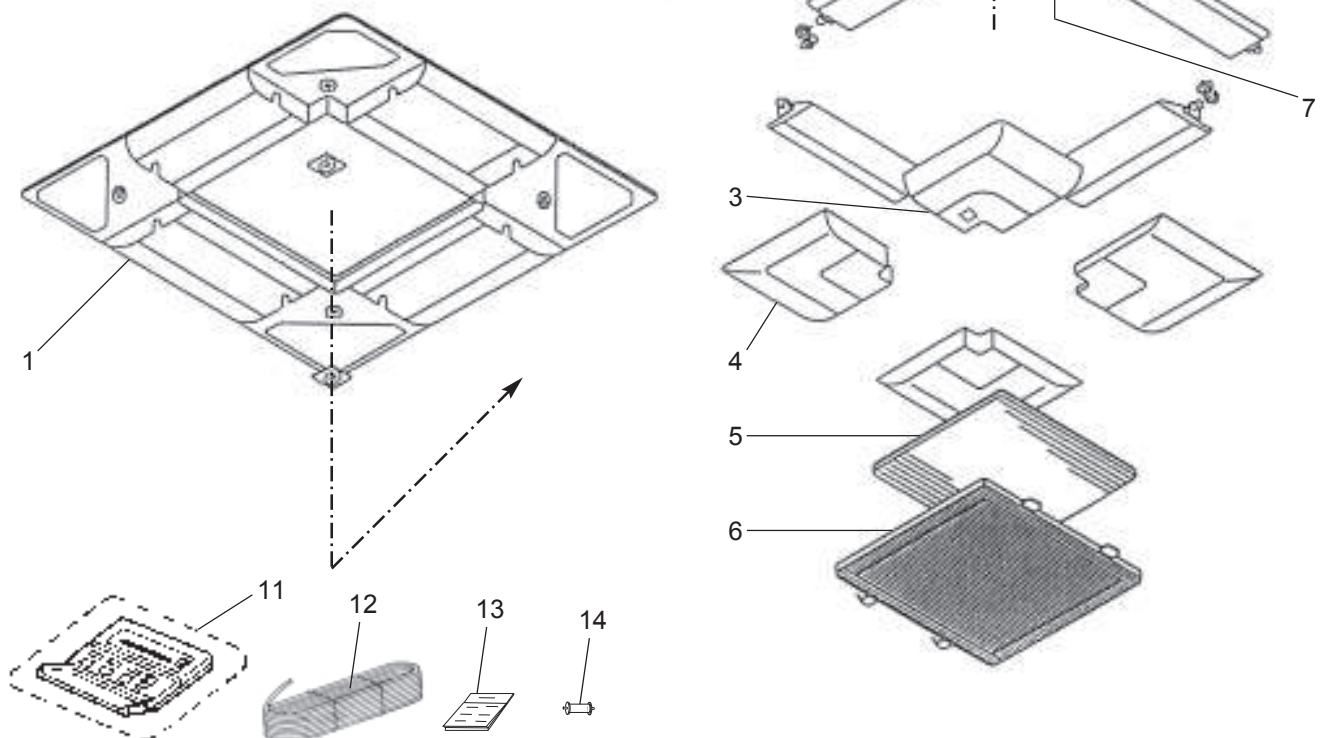
PL18AK

PL24AK

PL30AK

PL36AK

PL42AK



No.	Parts No.	Parts Name	Specification	Q'ty / set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PL 12, 18, 24, 30, 36, 42 AK				Unit	Amount
1	T7W E13 003	AIR OUTLET GRILLE		1					
2	T7W E05 002	VANE ASSY		4					
3	R01 E01 638	CORNER PANEL		1					
4	R01 E00 638	CORNER PANEL		3					
5	R01 E00 500	L.L FILTER		1					
6	R01 E00 691	GRILLE ASSY		1					
7	R01 E00 223	VANE MOTOR		4		MV			
8	R01 E00 063	VANE BUSH		8					
9	R01 E00 040	GEAR (VANE)		4					
10	R01 E01 040	GEAR		4					
11	T7W E05 713	REMOTE CONTROLLER BOARD		1		R.B			
12	T7W A00 305	CABLE ASSY	35ft	1					
13	T7W E00 673	SCREW ASSY		1					
14	T7W E03 239	FUSE	250V 0.3A	1		F3			

FUNCTIONAL PARTS

PL12AK

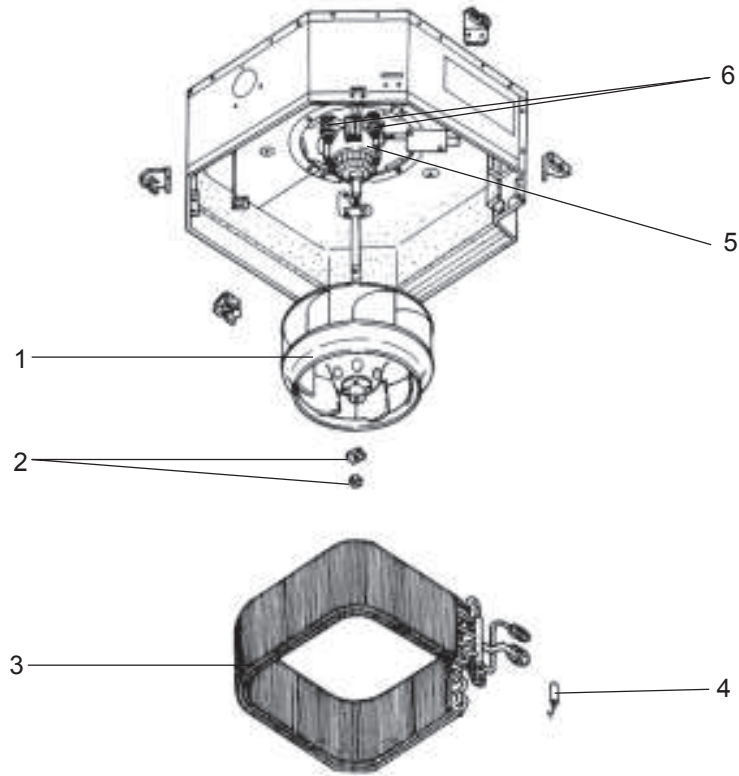
PL18AK

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PL36AK

PL42AK



No.	Parts No.	Parts Name	Specification	Q'ty / set						Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PL									Unit	Amount
				12 AK	18 AK	24 AK	30 AK	36 AK	42 AK					
1	R01 E00 114	TURBO FAN		1	1									
	R01 E01 114	TURBO FAN				1	1	1	1					
2	R01 08K 097	SPL WASHER		1	1	1	1	1	1					
3	T7W E76 480	HEAT EXCHANGER		1										
	T7W E77 480	HEAT EXCHANGER			1									
	T7W E78 480	HEAT EXCHANGER				1								
	T7W E79 480	HEAT EXCHANGER					1							
	T7W E80 480	HEAT EXCHANGER						1	1					
4	T7W E06 202	PIPE TEMPERATURE THERMISTOR		1	1	1	1	1	1		RT2			
5	T7W E09 762	FAN MOTOR	PN6W70-L	1	1						MF			
	T7W E10 762	FAN MOTOR	PN6W120-L			1	1	1	1		MF			
6	R01 A41 105	RUBBER MOUNT		4	4	4	4	4	4					

FUNCTIONAL PARTS

PL12AK

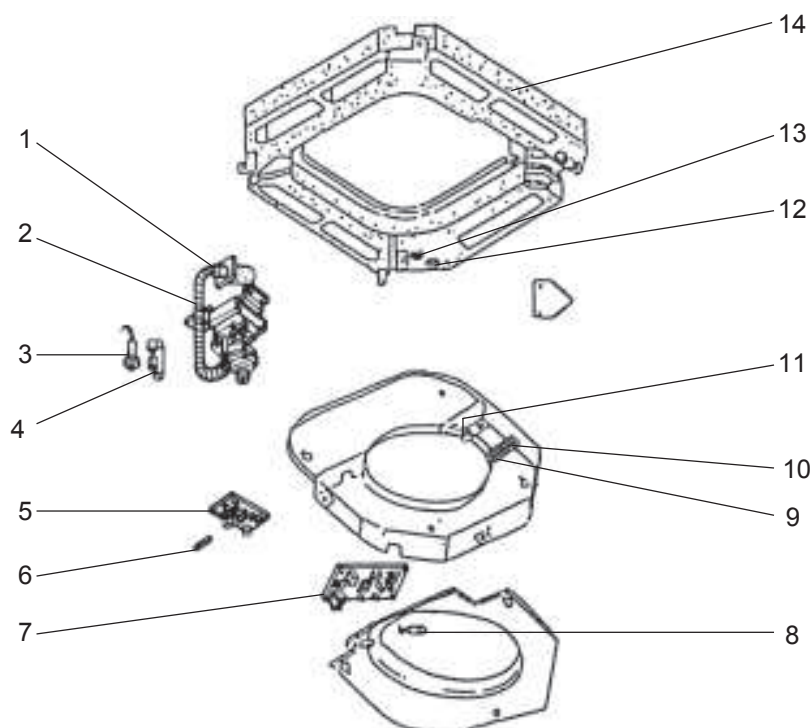
PL18AK

PL24AK

PL30AK

PL36AK

PL42AK



No.	Parts No.	Parts Name	Specification	Q'ty / set						Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				12 AK	18 AK	24 AK	30 AK	36 AK	42 AK				Unit	Amount
1	T7W E00 527	DRAIN HOSE		1	1	1	1	1	1					
2	T7W E04 355	DRAIN PUMP		1	1	1	1	1	1		DP			
3	R01 E00 266	DRAIN SENSOR		1	1	1	1	1	1		DS			
4	R01 31K 241	SENSOR HOLDER		1	1	1	1	1	1					
5	R01 E02 313	POWER BOARD		1	1	1	1	1	1		P.B			
6	T7W 410 239	FUSE	250V , 6A	2	2	2	2	2	2		F1,F2			
7	T7W E15 310	CONTROLLER BOARD		1	1	1	1	1	1		I.B			
8	R01 E00 202	ROOM TEMPERATURE THERMISTOR		1	1	1	1	1	1		RT1			
9	R01 556 246	TERMINAL BLOCK	2P (1, 2)	2	2	2	2	2	2		TB4,TB5			
10	T7W E12 716	TERMINAL BLOCK	3P (L1, N, GR)	1	1	1	1	1	1		TB2			
11	T7W E05 255	CAPACITOR	12 μ F 230V	1	1						C			
	T7W E04 255	CAPACITOR	25 μ F 230V			1	1	1	1		C			
12	R01 A41 524	DRAIN PLUG		1	1	1	1	1	1					
13	R01 A48 524	DRAIN PLUG		1	1	1	1	1	1					
14	T7W E09 529	DRAIN PAN		1										
	T7W E06 529	DRAIN PAN			1									
	T7W E07 529	DRAIN PAN				1	1							
	T7W E08 529	DRAIN PAN						1	1					

1. REFRIGERANT PIPES

Service Ref. : PL12/18/24AK

Part No.	PACSK03FS	PACSK05FS	PACSK07FS	PACSK10FS	PACSK15FS
Pipe length (ft.)	10	16	23	33	49
Pipe size O.D.(in.) (in.)	Liquid: $\phi 3/8$ Gas: $\phi 5/8$				
Connection method	Indoor unit: Flared Outdoor unit: Flared				

Service Ref. : PL30/36/42AK

Part No.	PACSK03FF	PACSK05FF	PACSK07FF	PACSK10FF	PACSK15FF
Pipe length (ft.)	10	16	23	33	49
Pipe size O.D.(in.) (in.)	Liquid: $\phi 1/2$ Gas: $\phi 3/4$				
Connection method	Indoor unit: Flared Outdoor unit: Flared				

Note 1. The refrigerant pipes and the indoor unit contain a nitrogen holding charge which must be removed by evacuation.

<Piping connection procedures>

See that ball valve on outdoor unit is fully shut (unit is shipped with valve shut). Remove caps from piping and unit and make flare connection promptly. Repeat for each connection, one at a time.

After all piping connections between indoor and outdoor unit have been completed, vacuum-purge air from system through the service port for the ball valve on the outdoor unit.

Note 2. The following parts are contained in optional refrigerant piping kit.

Heat insulating cover, vinyl tapes, nipples, sleeve and flange (for wall hole), connecting cables etc.

2. TIMER

When using a program timer, a program timer adapter (PAC-825AD) is also needed.

Part No.	PAC-SC32PTA (with set back function)
Model Name	Program timer

2-1 Program timer specifications

Parts name	Program timer
Parts No.	PAC-SC32PTA
Exterior dimensions (inch)	5-4/32x4-23/32x23/32 (130x120x18mm)
Installation	Wall mount
Type of clock	Quartz
Clock accuracy	± 50 second / month at 77°F
Display-Time	Liquid crystal display
-Week	Liquid crystal display
-Timer setting unit	Liquid crystal display
Program cycle	24 hours
Timer setting unit	30 minutes
No. of set points	48 / day
Power rating	5V DC $\pm 5\%$ (Supplied by Remote Controller)

2-2 Feature of program timer

(1) Daily timer function

Daily timer can be set in 30 minutes units for up to 24 hours.

Each unit can be set for unit ON, unit OFF, or setback operation.

(2) Setback operation (PAC-SC32PT)

Set back operation is useful for reducing running costs

e.g. At a hotel with a 24-hour system

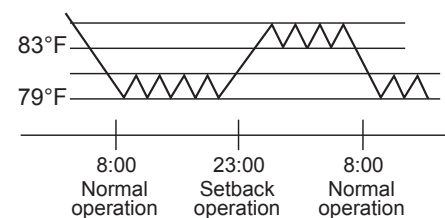
8:00~23:00 Cooling operation with set temperature at 79°F

23:00~8:00 Setback operation with 4 degrees of setback

As shown in the chart on the right, the set temperature rises 4 degrees automatically during the setback operation. When the setback operation ends, normal operation will begin.

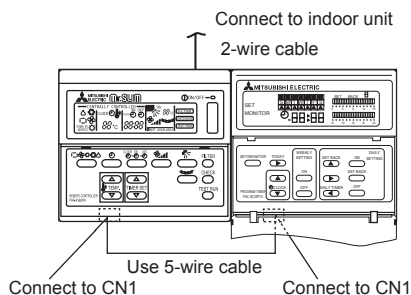
(3) Weekly timer function

Daily timer function can apply to each day of the week.



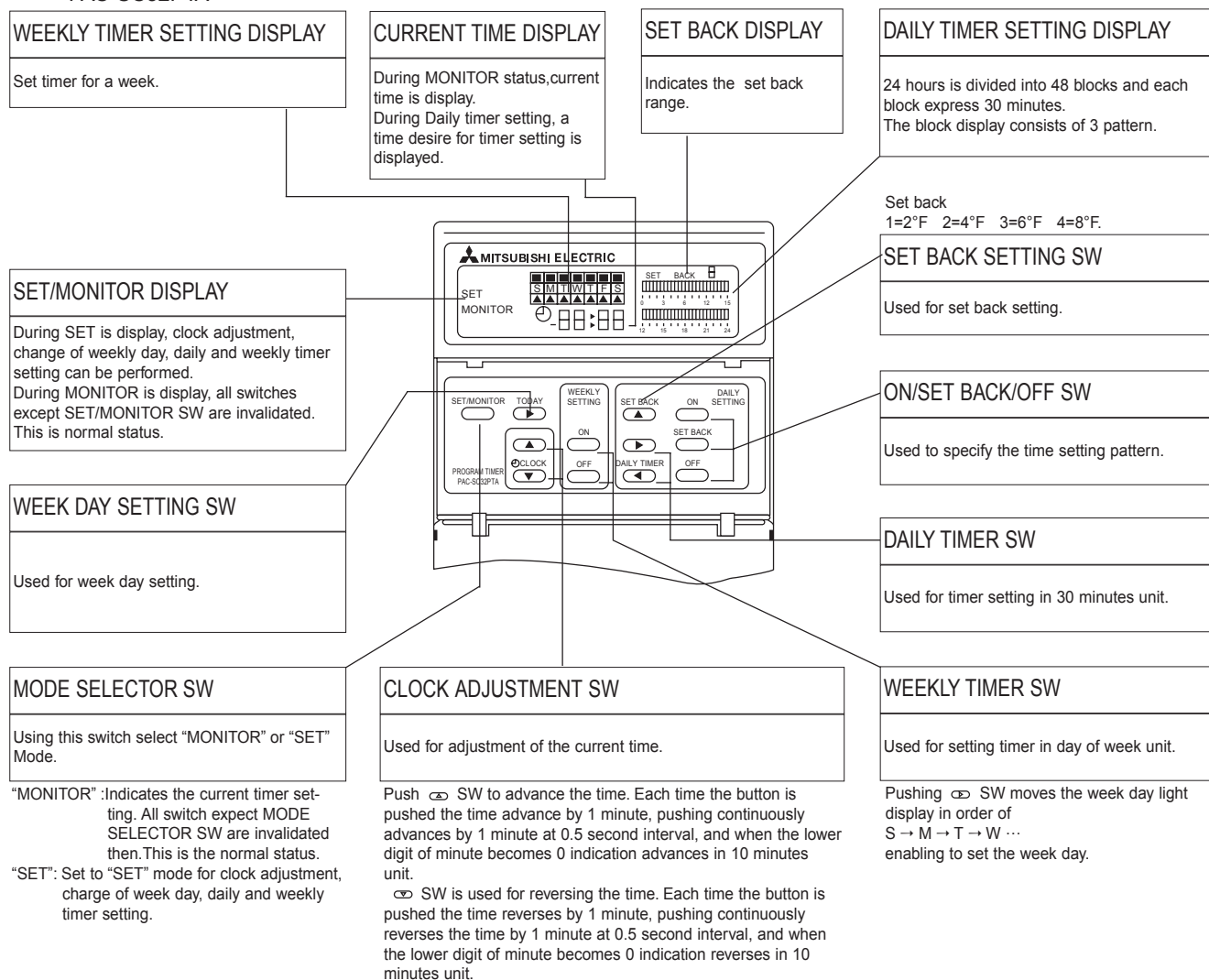
2-3. How to connect program timer

- (1) Install the program timer next to the remote controller the same way as the remote controller is installed.
- (2) Connect the program timer and the remote controller with a 5-wire cable as shown in the figure below



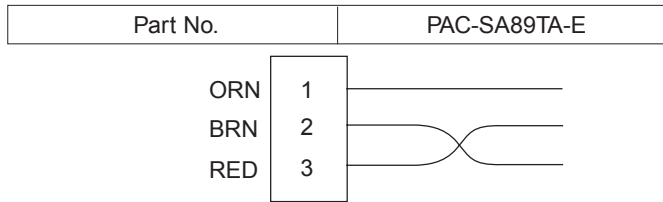
NOTE: While the program timer is connected to the remote controller, the 24hour ON/OFF timer on the remote controller will not operate.

2-4. Names and functions <PAC-SC32PTA>



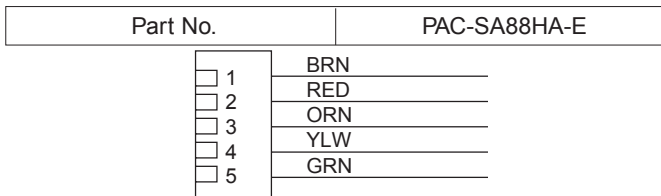
3. TIMER ADAPTER

This adapter is needed for system control and for operation via external contacts. Adapter connection is described on page 49.



4. MULTIPLE REMOTE CONTROLLER ADAPTER

This adapter is needed for remote indication (operation/check). Adapter connection is described on page 49.



5. MULTI FUNCTION CASEMENT (For HIGH EFFICIENCY FILTER AND FRESH AIR INTAKE)

Part No.	PAC-SG03TM-E
Applicable Model	PL12/18/24/30/36/42AK

6. HIGH EFFICIENCY FILTER ELEMENT

Part No.	PAC-SG01KF
Applicable Model	PL12/18/24/30/36/42AK

7. AIR OUTLET SHUTTER PLATE

Part No.	PAC-SG06SP-E
Applicable Model	PL12/18/24/30/36/42AK

Mr.SLIM™



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