



SPLIT-TYPE AIR CONDITIONERS

TECHNICAL & SERVICE MANUAL

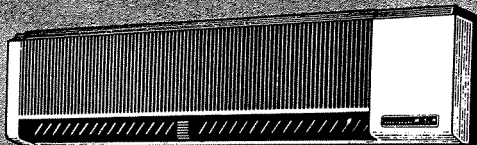
FOR LOW AMBIENT TEMPERATURE 0°F

Series PJL T-Bar Zone Module

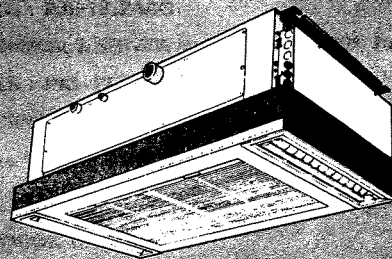
Models **PJL-12AG/PUL-12G6**
PJL-18AG/PUL-18G6
PJL-24AG/PUL-24G6

Series PKL Wall Mounted

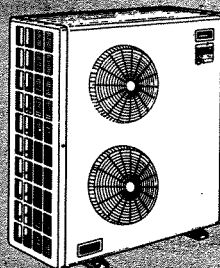
Models **PKL-12AG/PUL-12G6**
PKL-18AG/PUL-18G6
PKL-24AG/PUL-24G6



PKL-24AG-US



PJL-24AG-US



PUL-24G6-US



**The Slim Line.
From Mitsubishi Electric.**



Mr. SLIM

NOTE

PJL/PKL-AG series are designed to operate even in 0°F ambient temperature.

As PJL/PKL-AG series are similar in specifications to PJ/PK-AG series, this manual explains only differences or additional points. Refer to TECHNICAL & SERVICE MANUAL No.860201 for PJL-AG and also NO.860102 for PKL-AG. (Read PJ as PJL and PK as PKL.)

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Models	Cooling capacity	EER	SEER
PJL-12AG	12,600BTU/h	9.8	9.9
PJL-18AG	18,000BTU/h	9.5	9.8
PJL-24AG	24,000BTU/h	9.6	10.0

Models	Cooling capacity	EER	SEER
PKL-12AG	12,600BTU/h	10.5	10.6
PKL-18AG	18,000BTU/h	9.6	10.0
PKL-24AG	24,000BTU/h	9.8	10.1

1.1 ADVANCED MICROPROCESSOR CONTROL

1) Easy to Use Microprocessor Remote Controller

The convenient microprocessor remote controller puts operating control right at your fingertips for setting and adjusting. Only one, non-polar two-wire type remote controller cable is needed to connect the remote controller to the indoor unit, and the connection cables can be extended up to 550 yards for easy installation and various advanced system controls.

2) Green sign system

This system uses a glowing lamp to show the temperature you've selected, and a flashing lamp to show the present room temperature.

This system ensures a full measure of protection against over-cooling.

3) Non-polar Two-Wire Remote Controller Cables

The non-polar, two-wire type remote controller cable is slim, installation is simple and troublefree. Remote controller wires can be extended up to 550 yards.

1.2 COOLING OPERATION UNDER OUTDOOR TEMPERATURES AS LOW AS 0°F

With conventional air conditioners in cooling mode, the condensing pressure extremely reduces to stop units when the outdoor air temp is very low. However, in PJL, PKL series, controlling speed of the outdoor fan makes possible to keep the condensing pressure at the proper level. This results the cooling operation under extremely low outdoor temp. as 0°F.

1.3 INNOVATIVE SYSTEM CONTROL BY MICROPROCESSOR

The most significant feature of the series PJL and PKL is the advanced microprocessor system control. Behind the development of this system is the recent world-wide trend in the air conditioning of larger buildings, away from centralized duct systems in favor of a large number of individual split type units.

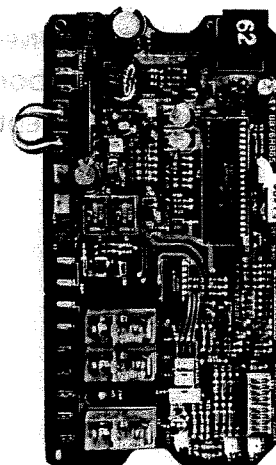
There are a number of reasons for this: first, costly, troublesome duct installation is eliminated; second, the overall air conditioning balance is excellent; and third, operation cost is low, since flexible control of each unit is possible. This system control was developed exclusively by Mitsubishi in the light of this demand. Microprocessor control makes possible group control, remote on/off control and individual control without troublesome modifications to the equipment.

- 1) Individual Control by Gathering Remote Controllers
- 2) Group Control by a Single Remote Controller
- 3) Both Remote ON/OFF Control and Individual Control

1.4 EASY TROUBLESHOOTING, AND HIGH RELIABILITY

- 1) Self-Diagnostic Function by Microprocessors
- 2) High Reliability and Easy Servicing

Indoor unit
microprocessor board



2

SPECIFICATIONS

2.1 MODELS : PJJ-12,18,24AG

ITEM		MODEL	PJJ-12AG	PJJ-18AG	PJJ-24AG
Cooling capacity		*1 BTU/h	12,600	18,000	24,000
Power consumption		*1 kW	1.28	1.9	2.5
EER		*1	9.8	9.5	9.6
SEER			9.9	9.8	10.0
INDOOR UNIT MODEL			PJJ-12AG.US	PJJ-18AG.US	PJJ-24AG.US
External finish			Munsell 2.5Y 8/0.3 & N6		
Power supply		V, Phase, Hz	115, 1, 60		
Max. fuse size (time delay)		A	15	15	15
Min. ampacity		A	2	2	3
Fan motor		F.L.A	1.3	1.5	1.8
Airflow Lo-Hi	Dry	CFM	400-490	460-560	500-620
	Wet	CFM	370-450	420-510	470-580
Cond. drain connection OD		in.	1-1/4	1-1/4	1-1/4
Dimensions	W	in.	46-7/8	46-7/8	46-7/8
	D	in.	22-5/8	22-5/8	22-5/8
	H	in.	13-3/4	13-3/4	13-3/4
Weight		lbs	97	97	97
OUTDOOR UNIT			PUL-12G6.US	PUL-18G6.US	PUL-24G6.US
External finish			Munsell 5Y 7/1		
Power supply		V, Phase, Hz	208/230, 1, 60		
Max. fuse size (time delay)		A	15	20	20
Min. ampacity		A	11	16	16
Fan motor		F.L.A	0.7	0.8	0.5+0.4
Compressor	Model (type)		RH427NAA	RH441NAA	RH456NF
	Winding resistance (Ω at 68°F)		C-R 2.47 C-S 4.62	C-R 1.59 C-S 3.22	C-R 0.86 C-S 1.72
	*1 R.L.A		8.0	12.0	11.5
	L.R.A		29	37	52
Crankcase heater		A(W)	0.11/0.12(23/28)	0.11/0.12(23/28)	0.16/0.17(33/39)
Refrigerant control			Capillary tube		
Dimensions	W	in.	33-1/2	33-1/2	31-1/2
	D *2	in.	11-7/16(12-5/8)	11-7/16(12-5/8)	12-5/8(13-3/4)
	H	in.	23-13/16	23-13/16	33-1/2
Weight		lbs	130	134	152
REMOTE CONTROLLER			With indoor unit		
Control voltage (by built-in transformer)			Indoor unit-remote controller : DC24V. Indoor unit-outdoor unit : DC12V		
REFRIGERANT PIPING			Not supplied (optional parts)		
Pipe size	Liquid	in.	3/8	3/8	3/8
	Gas	in.	5/8	5/8	5/8
Connection	Indoors		Flared		
	Outdoors		Flared		
Between the indoor & outdoor units	Height difference	ft	Max. 50	Max. 50	Max. 65
	Piping length	ft	Max. 65	Max. 65	Max. 100

Notes *1. Rating conditions (cooling)—indoor:80°F DB, 67°F WB outdoor:95°F DB, 75°F WB.

*2. Depth of outdoor unit () includes thickness of fan grille.

2.2 MODELS : PKL-12,18,24AG

ITEM		MODEL	PKL-12AG	PKL-18AG	PKL-24AG
Cooling capacity		*1BTU/h	12,600	18,000	24,000
Power consumption		*1kW	1.2	1.88	2.45
EER		*1	10.5	9.6	9.8
SEER			10.58	10.00	10.10
INDOOR UNIT MODEL			PKL-12AG.US	PKL-18AG.US	PKL-24AG.US
External finish			Munsell 2.5Y 8/0.3		
Power supply		V, Phase, Hz	115, 1, 60		
Max. fuse size (time delay)		A	15	15	15
Min. ampacity		A	1	1	2
Fan motor		F.L.A	0.5	0.5	0.9
Airflow Lo-Hi	Dry	CFM	390-480	390-480	570-800
	Wet	CFM	370-460	370-460	520-730
Cond. drain connection OD		in.	1	1	1
Dimensions	W	in.	48-1/16	48-1/16	60-1/4
	D	in.	8-11/16	8-11/16	8-11/16
	H	in.	14-3/16	14-3/16	14-3/16
Weight		lbs	55	55	68
OUTDOOR UNIT			PUL-12G6.US	PUL-18G6.US	PUL-24G6.US
External finish			Munsell 5Y 7/1		
Power supply		V, Phase, Hz	208/230, 1, 60		
Max. fuse size (time delay)		A	15	20	20
Min. ampacity		A	11	16	16
Fan motor		F.L.A	0.7	0.8	0.5+0.4
Compressor	Model (type)		RH427NAA	RH441NAA	NH456NF
	Winding resistance (Ω at 68°F)		C-R 2.47 C-S 4.62	C-R 1.59 C-S 3.22	C-R 0.86 C-S 1.72
	*1 R.L.A		8.0	12.0	11.5
	L.R.A		29	37	52
Crankcase heater		A(W)	0.11/0.12(23/28)	0.11/0.12(23/28)	0.16/0.17(33/39)
Refrigerant control			Capillary tube		
Dimensions	W	in.	33-1/2	33-1/2	31-1/2
	D*2	in.	11-7/16(12-5/8)	11-7/16(12-5/8)	12-5/8(13-3/4)
	H	in.	23-13/16	23-13/16	33-1/2
Weight		lbs	130	134	152
REMOTE CONTROLLER			With indoor unit		
Control voltage (by built-in transformer)			Indoor unit-remote controller : DC24V. Indoor unit-outdoor unit : DC12V		
REFRIGERANT PIPING			Not supplied (optional parts)		
Pipe size	Liquid	in.	3/8	3/8	3/8
	Gas	in.	5/8	5/8	5/8
Connection	Indoors		Flared		
	Outdoors		Flared		
Between the indoor & outdoor units	Height difference	ft	Max. 50	Max. 50	Max. 65
	Piping length	ft	Max. 65	Max. 65	Max. 100

Notes *1. Rating conditions (cooling)—indoor:80°F DB, 67°F WB outdoor:95°F DB, 75°F WB.

*2. Depth of outdoor unit () includes thickness of fan grille.

3.1 PERFORMANCE DATA

1. MODELS : PJJ-12,18,24AG

Refer to TECHNICAL & SERVICE MANUAL (No.860201) Page9.

2. MODELS : PKL-12, 18, 24AG

Refer to TECHNICAL & SERVICE MANUAL (No.860102) Page6.

3.2 PERFORMANCE CURVE

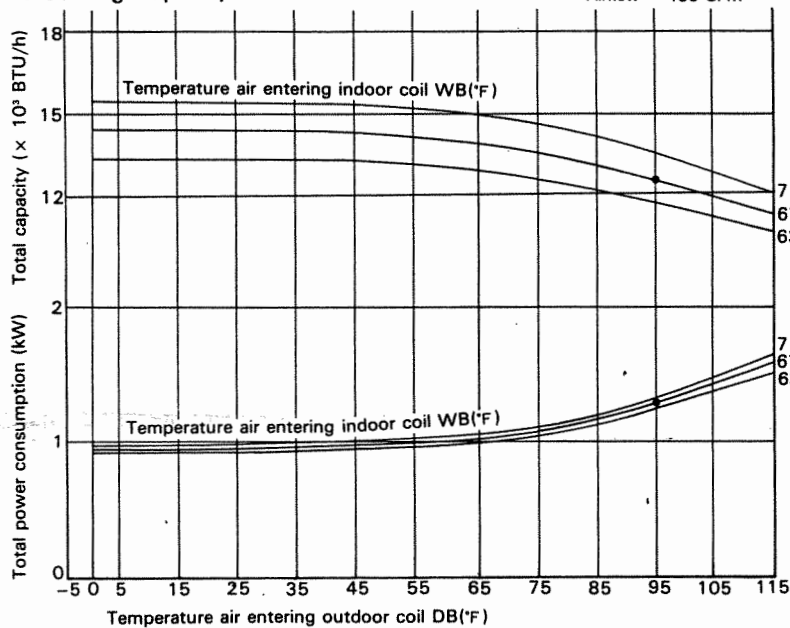
During indoor coil frost prevention mode with the compressor ON/OFF operation, the capacity will be dropped to approx. 70% of the performance curve.

1) MODELS : PJJ-12,18,24AG

PJJ-12AG Cooling Capacity

SHF at rating Condition = 0.79

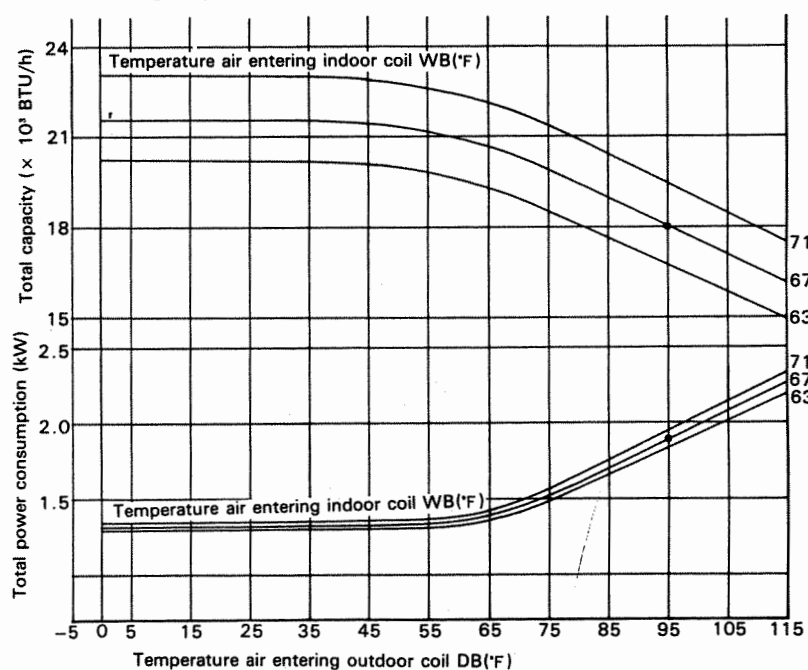
Airflow = 450 CFM



PJJ-18AG Cooling Capacity

SHF at rating Condition = 0.70

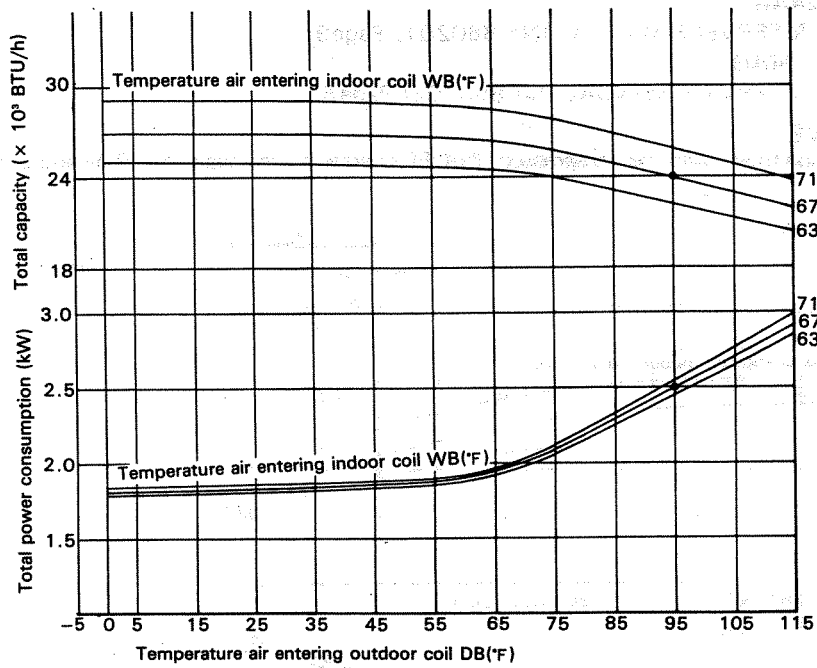
Airflow = 510 CFM



PJL-24AG Cooling Capacity

SHF at rating Condition = 0.65

Airflow = 580 CFM

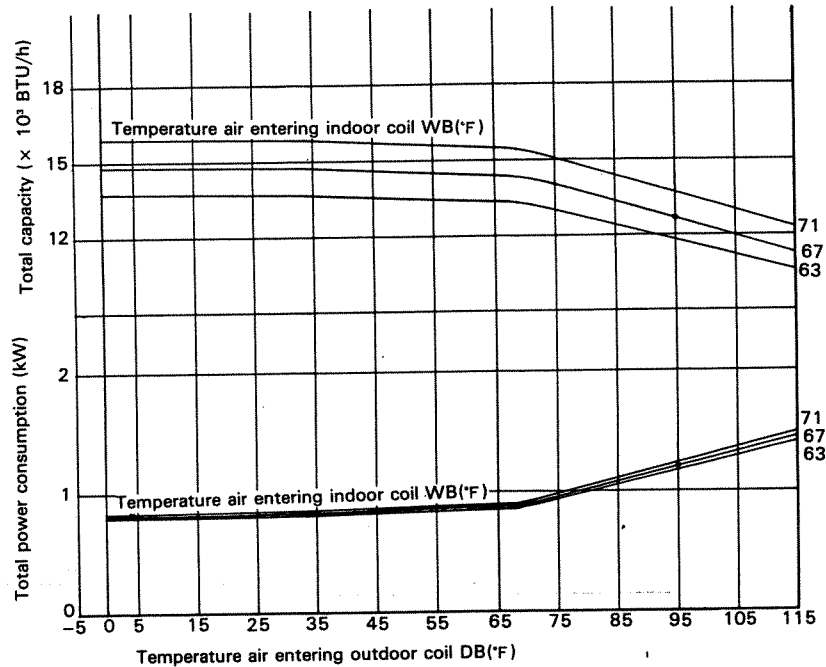


2) MODELS PKL-12, 18, 24AG

PKL-12AG Cooling Capacity

SHF at rating Condition = 0.75

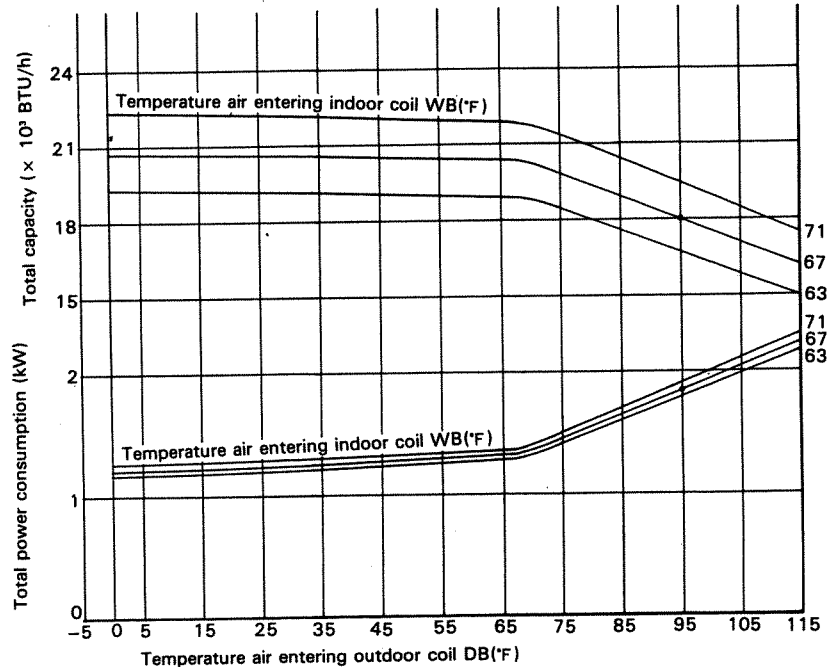
Airflow = 460 CFM



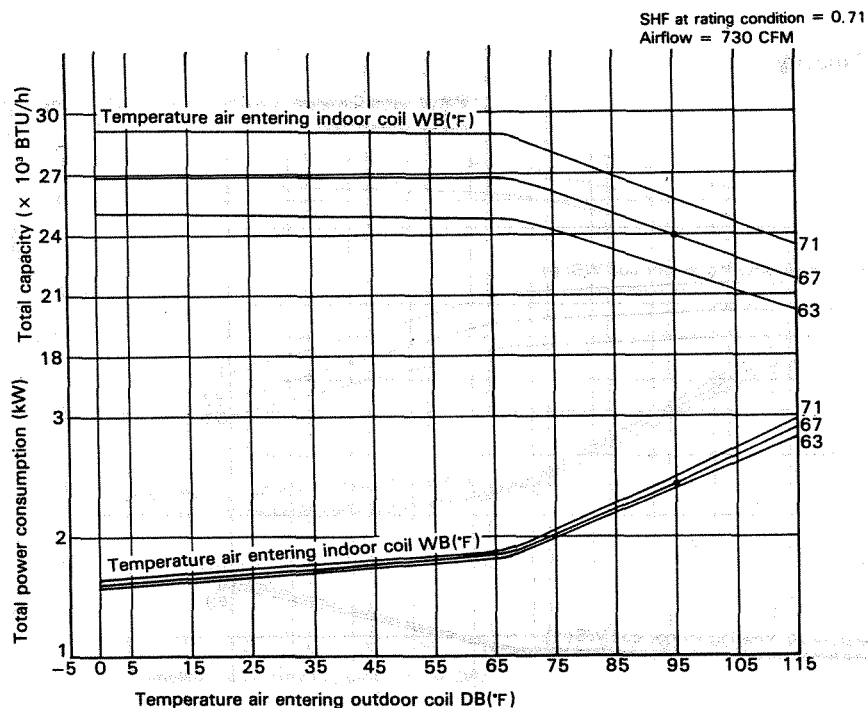
PKL-18AG Cooling Capacity

SHF at rating Condition = 0.68

Airflow = 460 CFM



PKL-24AG Cooling Capacity



3.3 OPERATING RANGE

1) POWER SUPPLY

	Rating	Allowable voltage
Indoor unit	115V 1 phase 60Hz	Min. 103V – Max. 127V
Outdoor unit	208/230V 1 phase 60Hz	Min. 198V – Max. 253V

2) OPERATING RANGE

Function	Entering air temp. Condition	Indoor		Outdoor	
		DB(°F)	WB(°F)	DB(°F)	WB(°F)
Cooling	Standard temp.	80	67	95	75
	Maximum temp.	95	71	115	75
	Minimum temp.	67	57	0	—
	Maximum humidity	80	75	80	75

3.4 OUTLET AIR SPEED AND COVERAGE RANGE

3.5 REFRIGERANT CHARGE

3.6 STANDARD OPERATION DATA

1. MODELS : PJK-18,24AG

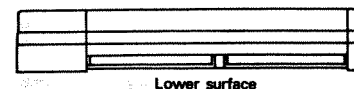
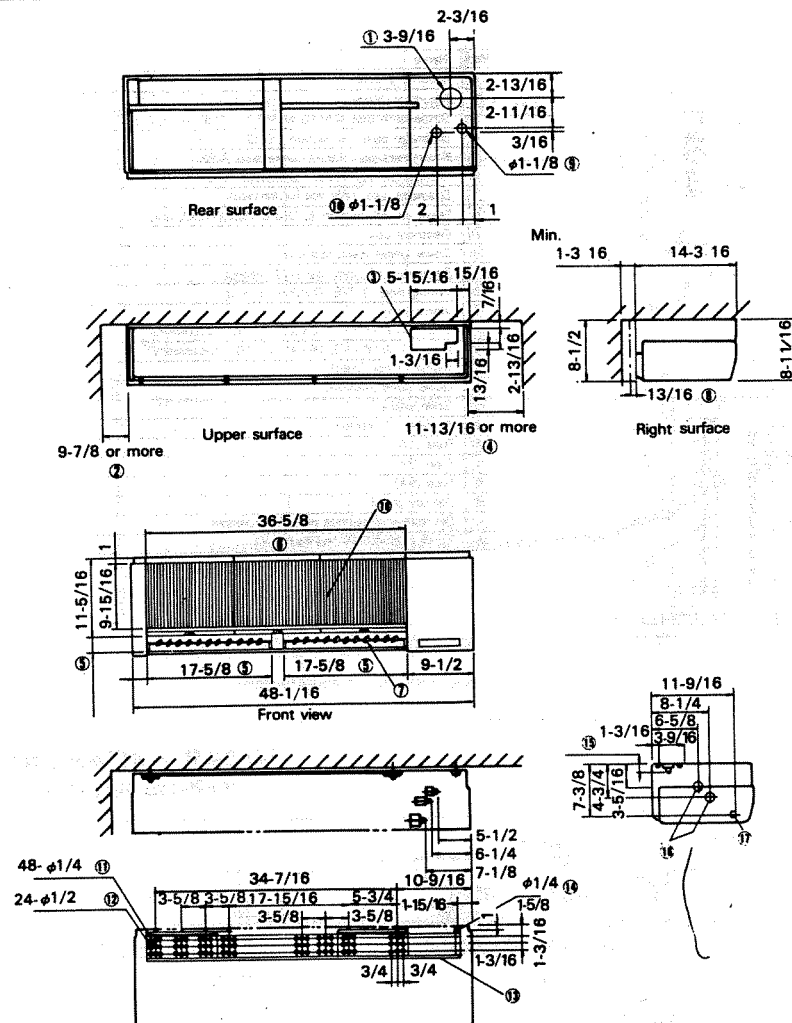
Refer to TECHNICAL & SERVICE MANUAL
(No.860201) page 7,8,12,13.

2. MODELS : PKL-12,18,24AG

Refer to TECHNICAL & SERVICE MANUAL
(No.860102) page 9,10.

PKL-12AG US, PKL-18AG US INDOOR UNITS

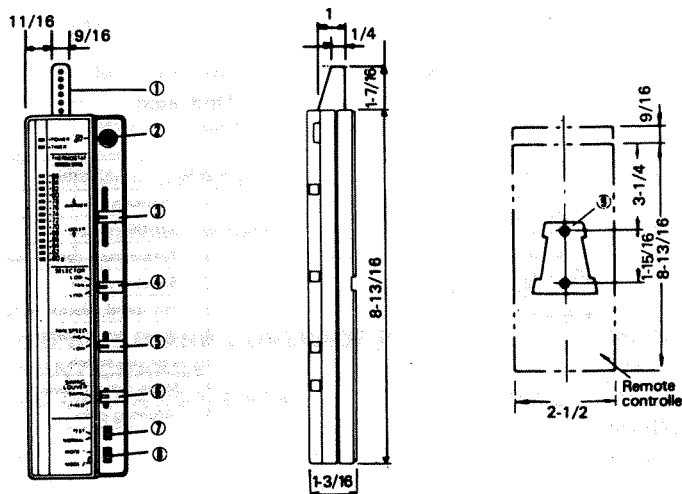
Unit : inch



Mark	Name
①	Knockout hole for rear piping (refrigerant, drainage)
②	Min. of 9-7/8 service space
③	Knockout hole for upper piping (refrigerant and wiring)
④	Min. of 11-13/16 service space
⑤	Air outlet
⑥	Air intake grille
⑦	Swing louver
⑧	Inset
⑨	Knockout hole for rear wiring (main circuit)
⑩	Knockout hole for rear wiring (control circuit)
⑪	Wood-screw holes
⑫	Bolt holes
⑬	Wall fitting
⑭	Ø5 hole for main units
⑮	Bolt : 13/16 (max.)
⑯	Refrigerant-pipe flared connection Ø3/8, Ø5/8
⑰	Drainage connection Ø1
⑱	Alarm lamp

REMOTE CONTROLLER

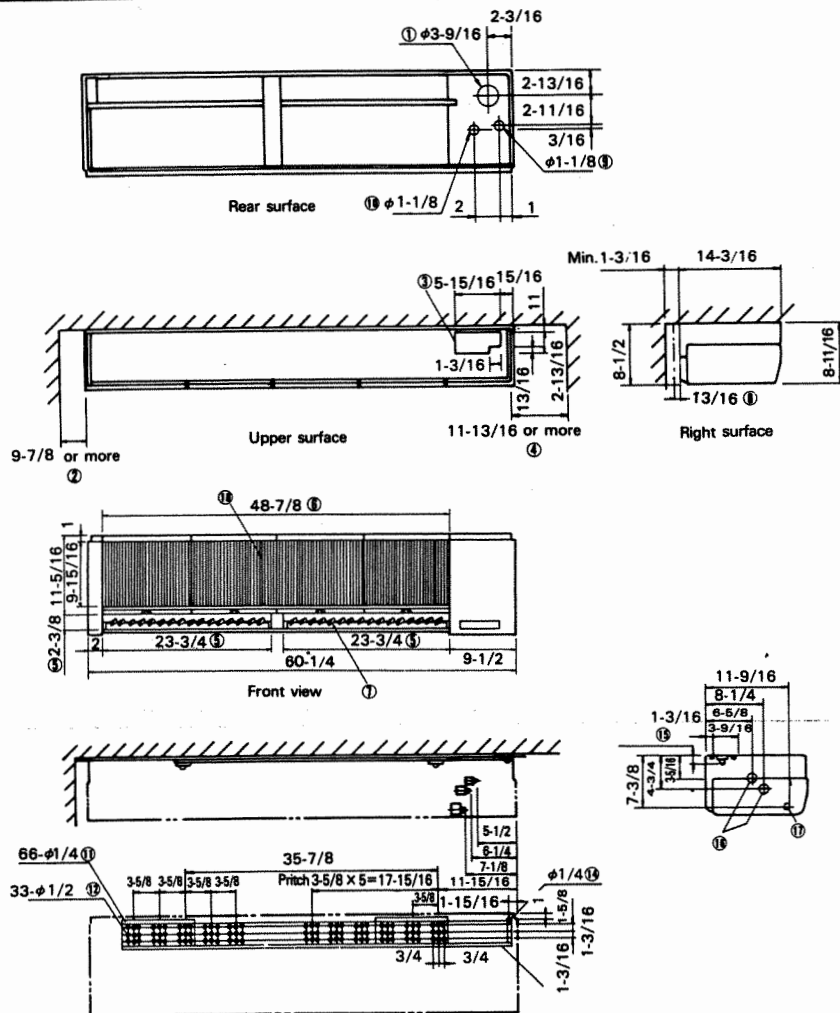
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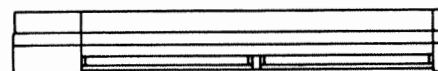
Mark	Name
①	Thermistor box
②	ON/OFF switch
③	Temperature control switch
④	Selector switch
⑤	Fan speed selector switch
⑥	Swing louver switch
⑦	Test run switch
⑧	Mode selector switch
⑨	Mounting plate

Note: The symbol ϕ indicates the diameter.

PKL-24AG, US INDOOR UNIT



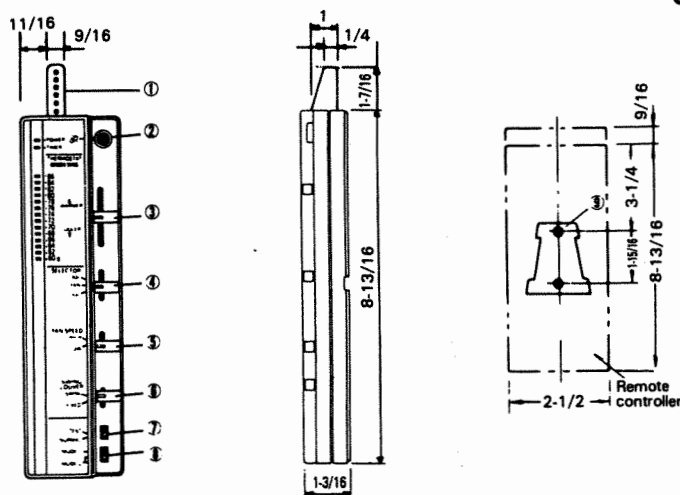
Unit: inch



Lower surface

Mark	Name
①	Knock out hole for rear piping (refrigerant, drainage)
②	Min. of 9-7/8 service space
③	Knockout hole for upper piping (refrigerant and wiring)
④	Min. of 11-13/16 service space
⑤	Air outlet
⑥	Air intake grille
⑦	Swing louver
⑧	Inset
⑨	Knockout hole for rear wiring (main circuit)
⑩	Knockout hole for rear wiring (control circuit)
⑪	Wood-screw holes
⑫	Bolt holes
⑬	Wall fitting
⑭	ø5 hole for main units
⑮	Bolt : 13/16 (max.)
⑯	Refrigerant-pipe flared connection ø3/8, ø5/8
⑰	Drainage connection ø1
⑱	Alarm lamp

REMOTE CONTROLLER

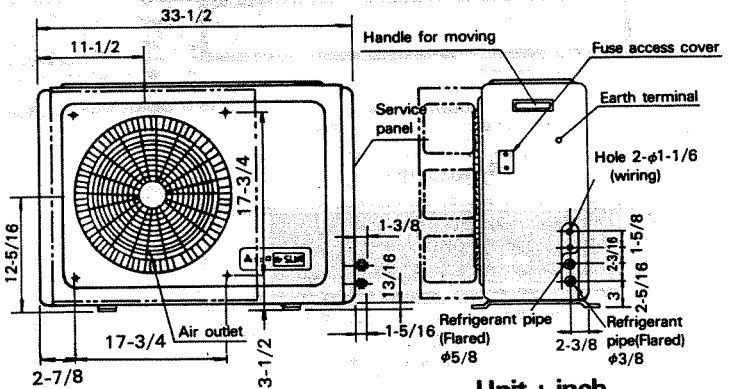
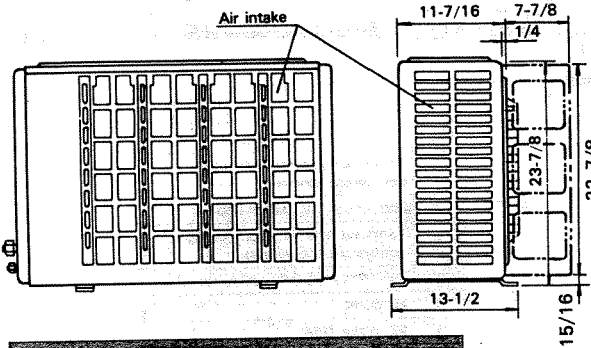
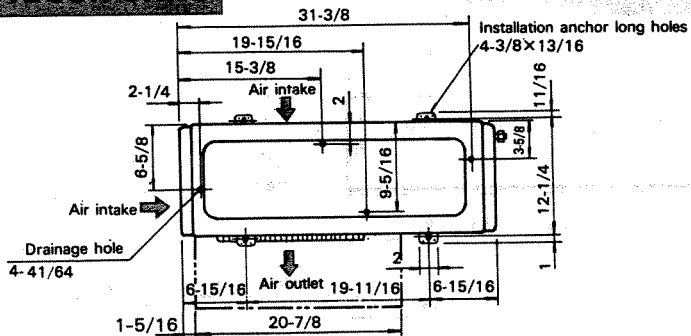
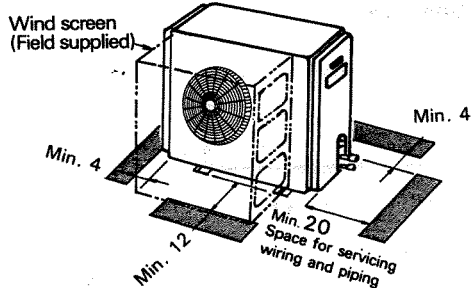


Unit : inch

Mark	Name
①	Thermistor box
②	ON/OFF switch
③	Temperature control switch
④	Selector switch
⑤	Fan speed selector switch
⑥	Swing louver switch
⑦	Test run switch
⑧	Mode selector switch
⑨	Mounting plate

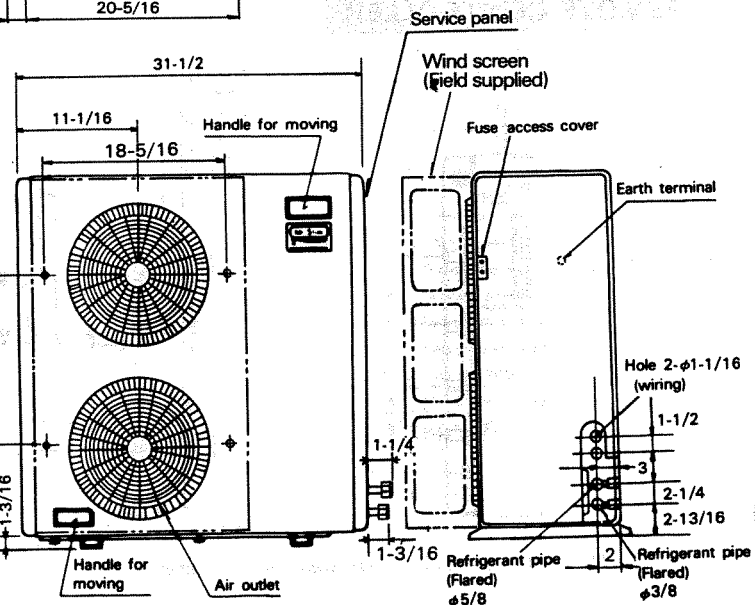
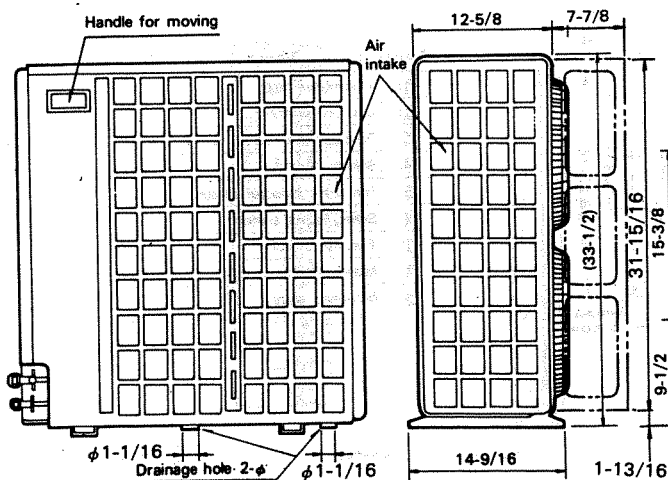
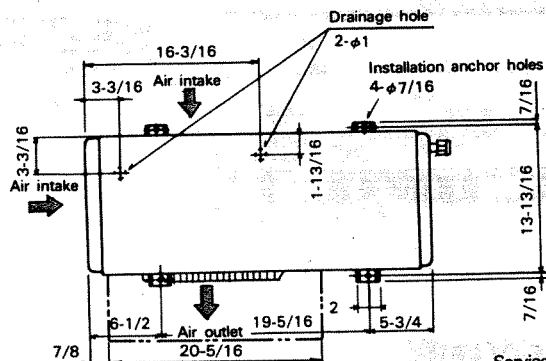
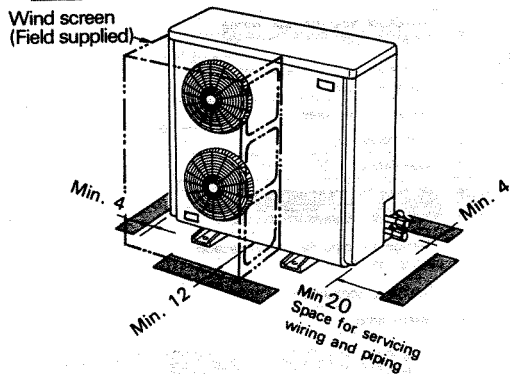
Note: The symbol ϕ indicates the diameter.

PUL-12G6 US, PUL-18G6 US OUTDOOR UNITS



Unit : inch

PUL-24G6 US OUTDOOR UNIT



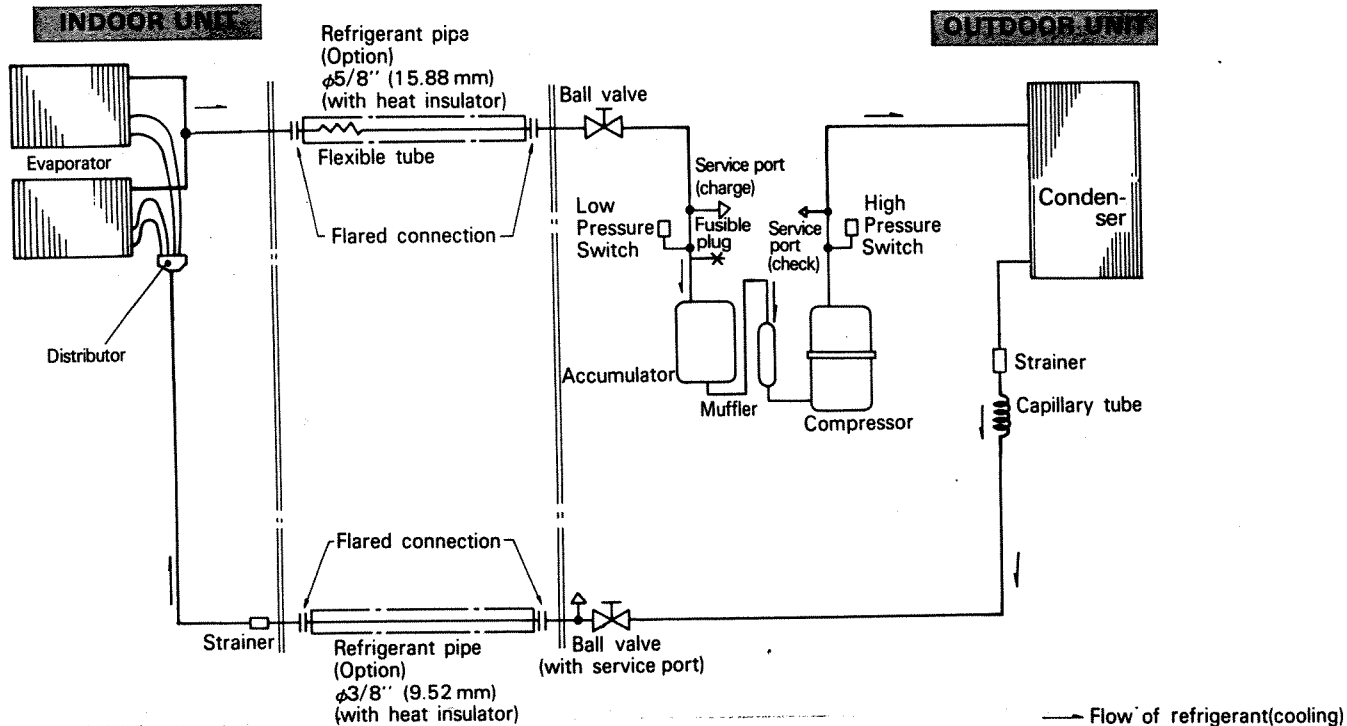
Unit : inch

Note: The symbol φ indicates the diameter.

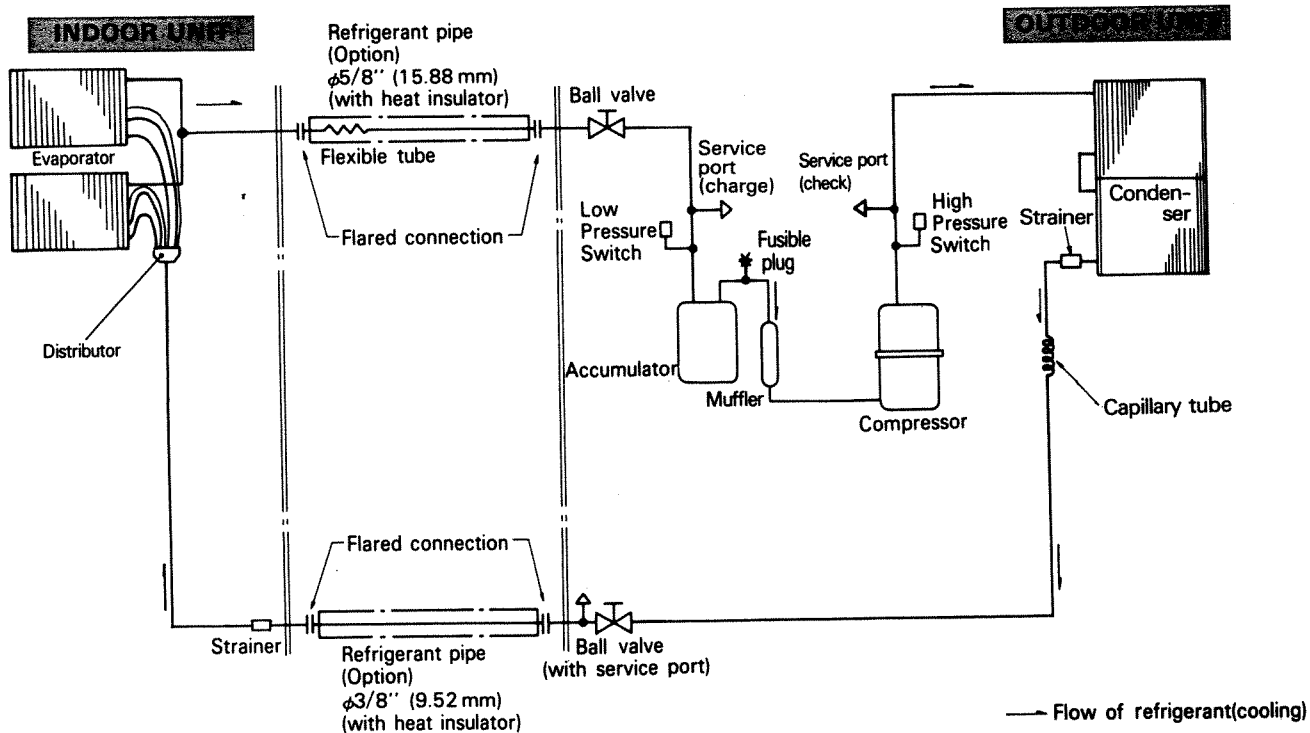
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REFRIGERANT SYSTEM DIAGRAM

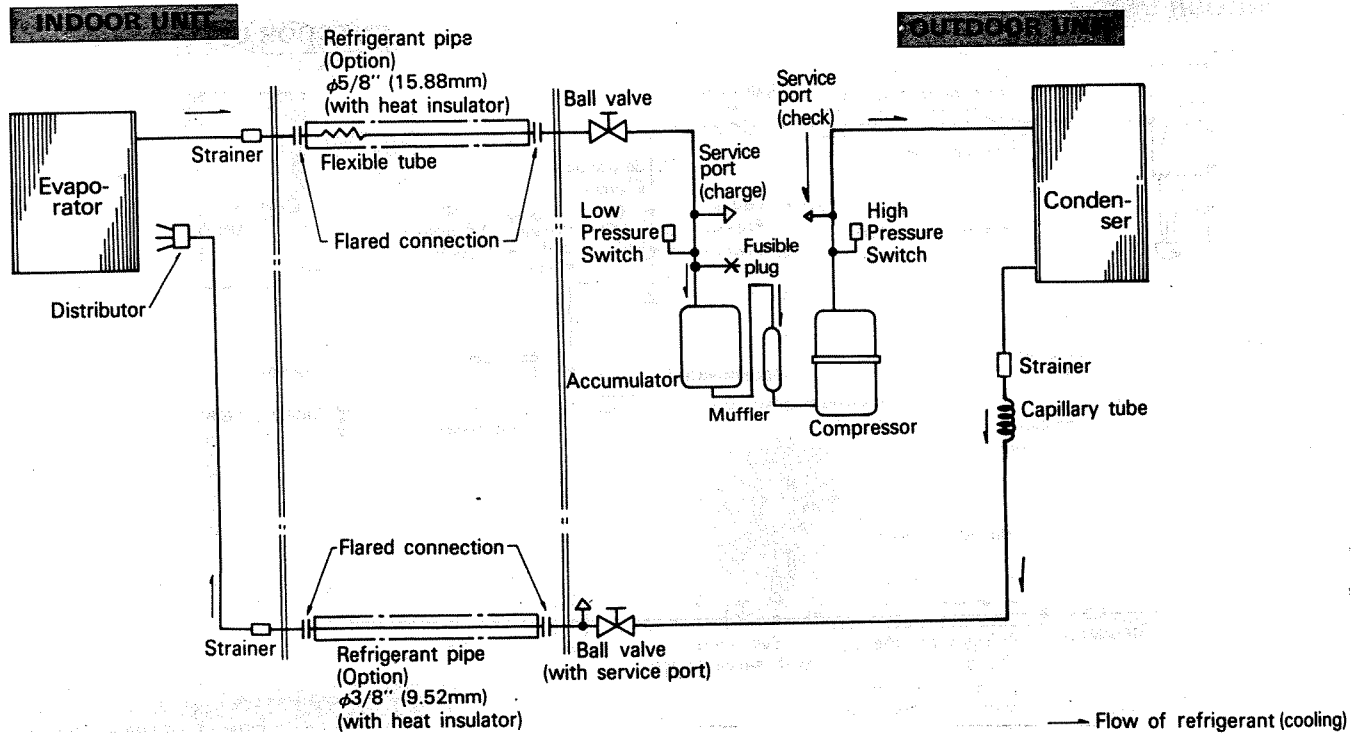
PJL-12AG.US/PUL-12G6.US
PJL-18AG.US/PUL-18G6.US



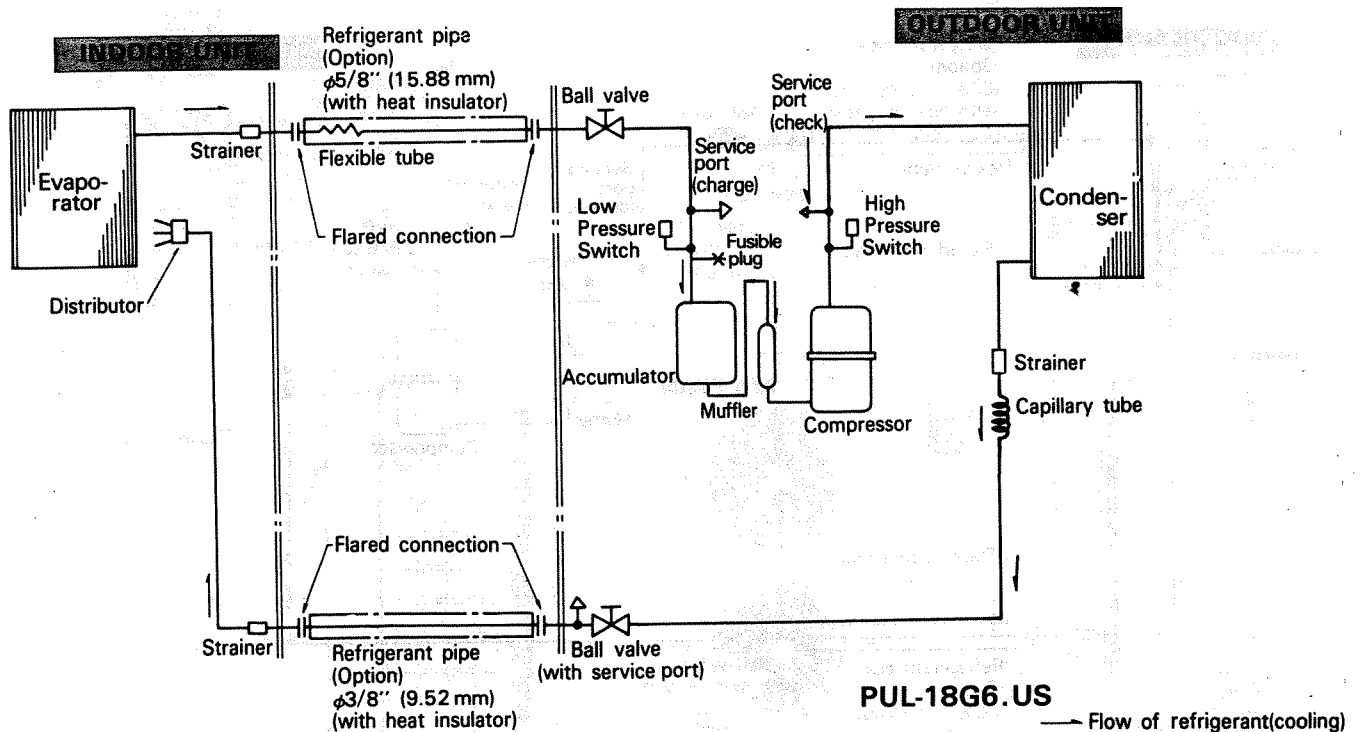
PJL-24AG.US/PUL-24G6.US



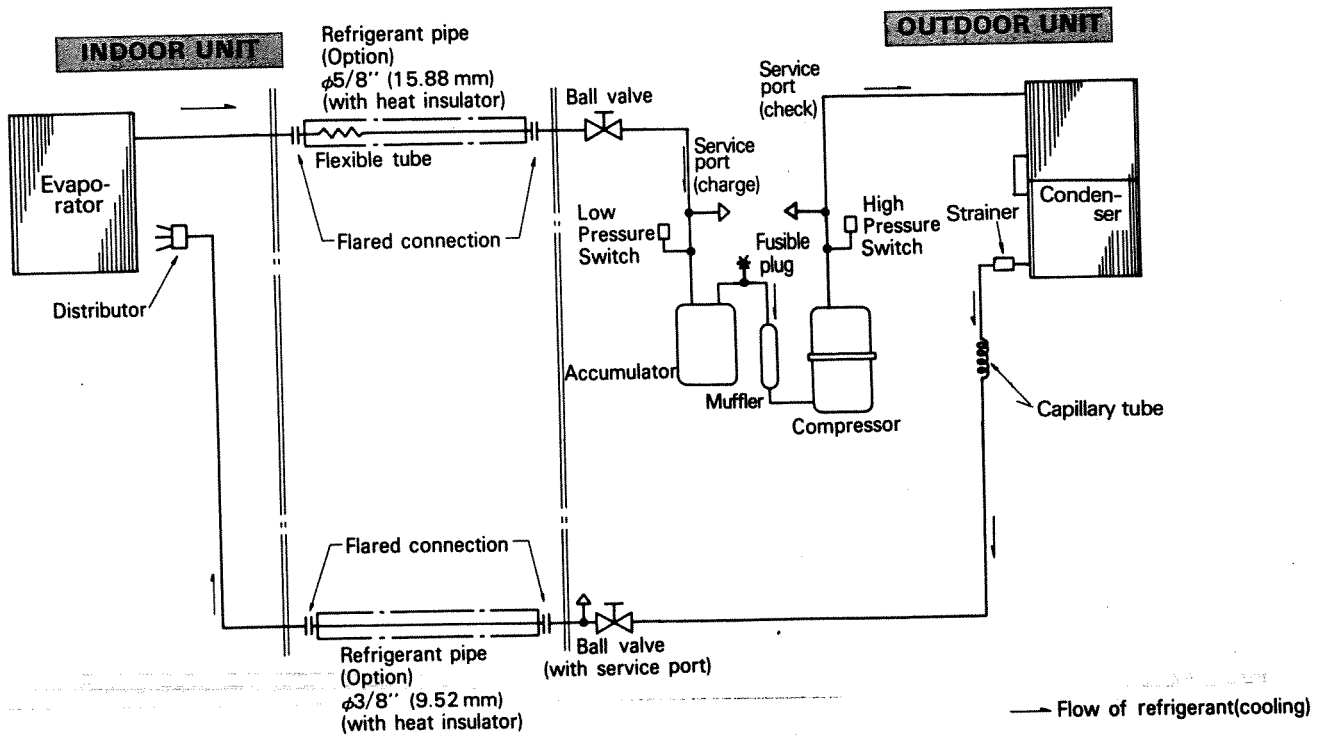
PKL-12AG.US/PUL-12G6.US



PKL-18AG.US/PUL-18G6.US



PK-24AG.US/PU-24G6.US

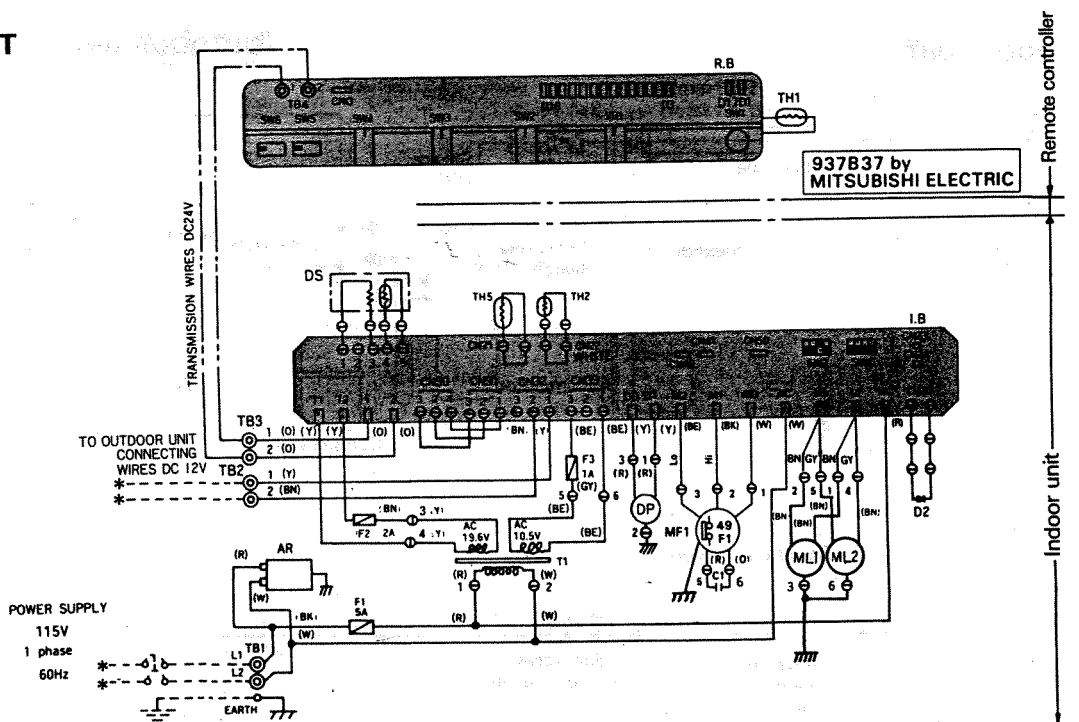


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CIRCUIT DIAGRAM

MODELS : P.JL-12,18,24AG.US/PUL-12,18,24G6.US CIRCUIT DIAGRAM

INDOOR UNIT



* Wire code
 BK.....BLACK
 BN.....BROWN
 BE.....BLUE
 GY.....GRAY
 O.....ORANGE
 Y.....YELLOW
 R.....RED
 W.....WHITE

AR SURGE ABSORBER
 C RUN CAPACITOR FOR MC
 C1 RUN CAPACITOR FOR MF1
 C3,4 RUN CAPACITOR FOR MF3,4
 CNO(R.B) CONNECTOR (FOR TIME SWITCH)
 CN23 (I.B) CONNECTOR (FOR SELF DIAGNOSTIC FUNCTION)
 CN24 (I.B) CONNECTOR (FOR INTERVAL START TIMER)
 CN40 (I.B) CONNECTOR (NORMAL OPERATION)
 CN41 (I.B) CONNECTOR (EMERGENCY OPERATION FOR COOLING)
 CN50 CONNECTOR (FOR REMOTE INDICATOR)
 D1 (R.B) POWER ON/OFF LED INDICATOR
 D2 LED FOR ALARM LAMP
 D3-D16 (R.B) TEMPERATURE LED INDICATOR
 D17 (R.B) TIME SWITCH LED INDICATOR
 DP DRAIN WATER LIFT-UP MECHANISM
 DS SENSOR FOR DRAIN WATER LEVEL
 F1-F3 FUSE
 F4 FUSE
 HC CRANKCASE HEATER
 I.B INDOOR CONTROLLER BOARD
 MC COMPRESSOR MOTOR
 MF1 INDOOR FAN MOTOR
 MF3,4 OUTDOOR FAN MOTOR
 ML1,2 SWING LOUVER MOTOR
 O.B OUTDOOR CONTROLLER BOARD
 R.B REMOTE CONTROLLER BOARD
 SW1 (I.B) SWITCH (SELF DIAGNOSTIC FUNCTION OR INTERVAL START TIMER)

SW2 (I.B) SWITCH (MODE SELECTOR)
 SW1 (R.B) POWER ON-OFF SWITCH
 SW2 (R.B) FUNCTION SELECTOR SWITCH
 SW3 (R.B) FAN MOTOR SPEED SELECTOR SWITCH
 SW4 (R.B) SWING LOUVER SWITCH
 SW5 (R.B) TEST RUN SWITCH
 SW6 (R.B) THERMOSTAT SELECTOR SWITCH
 TB1 TERMINAL BLOCK (POWER SUPPLY)
 TB2 TERMINAL BLOCK. TRANSMISSION WIRE (INDOOR/OUTDOOR)
 TB3,4 TERMINAL BLOCK. TRANSMISSION WIRE (INDOOR/REMOTE CONTROLLER)
 TB5 TERMINAL BLOCK (POWER SUPPLY)
 TB6 TERMINAL BLOCK. TRANSMISSION WIRE (INDOOR/OUTDOOR)
 TH1 THERMISTOR FOR ROOM TEMPERATURE
 TH2 (I.B) THERMISTOR FOR PIPE TEMPERATURE
 TH4 THERMISTOR FOR PIPE TEMPERATURE
 TH5 (I.B) THERMISTOR FOR INTAKE AIR TEMPERATURE
 T1 TRANSFORMER
 T2,3 TRANSFORMER
 VR1 (R.B) VARIABLE RESISTOR (TEMPERATURE CONTROL)
 49C INTERNAL THERMOSTAT FOR MC
 49F1 INTERNAL THERMOSTAT FOR MF1
 49F3,4 INTERNAL THERMOSTAT FOR MF3,4
 51C OVERCURRENT RELAY FOR MC
 52C CONTACTOR FOR MC
 63H HIGH PRESSURE SWITCH
 63L LOW PRESSURE SWITCH

PUL-12,18G6.US



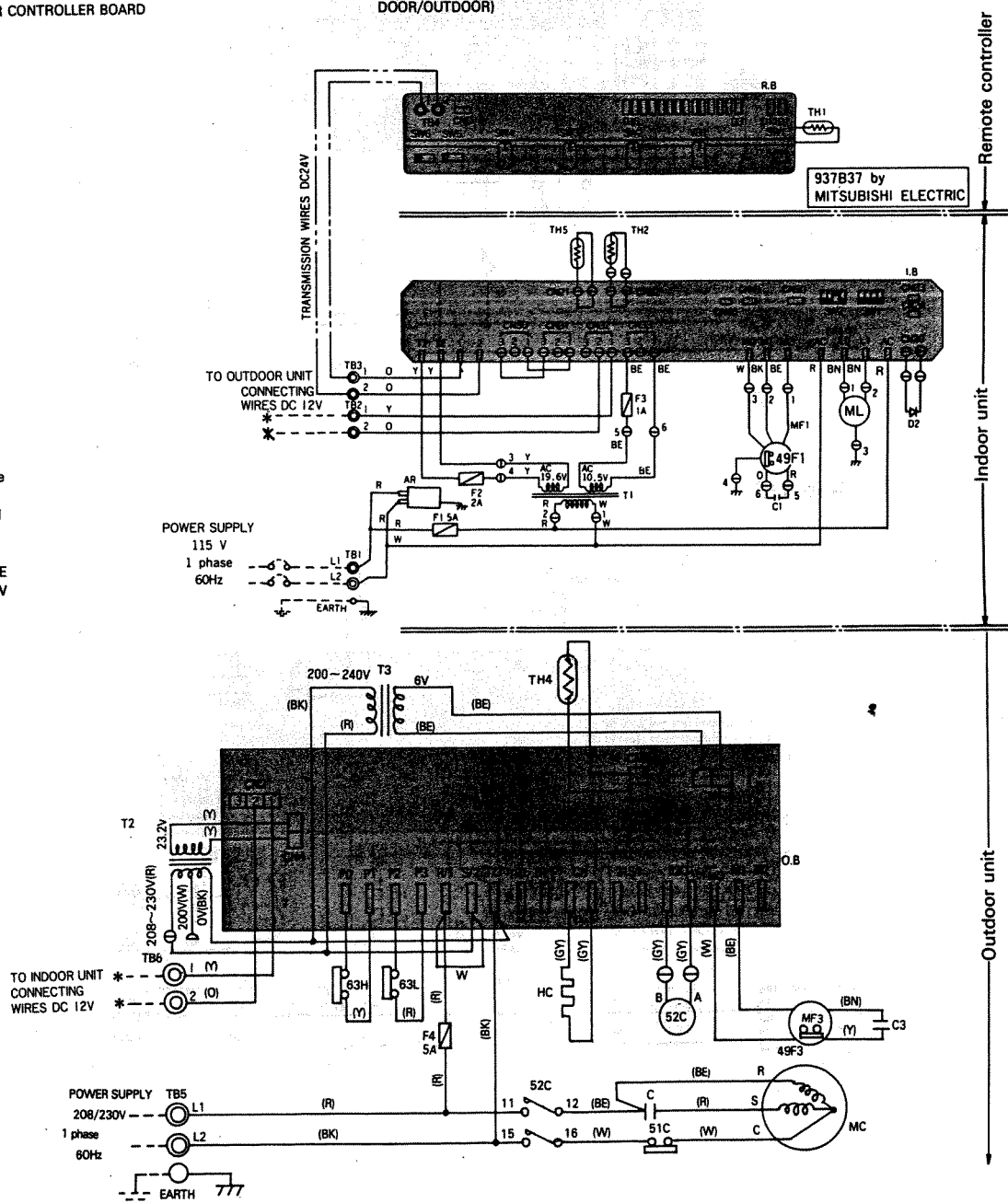
MODELS : PKL-12,18AG.US/PUL-12,18G6.US CIRCUIT DIAGRAM

AR SURGE ABSORBER
C RUN CAPACITOR FOR MC
C1-C3 RUN CAPACITOR FOR MF1-MF3
CN0(R.B) CONNECTOR (FOR TIME-SWITCH)
CN23(I.B) CONNECTOR (FOR SELF DIAGNOSTIC FUNCTION)
CN24(I.B) CONNECTOR (FOR INTERVAL START TIMER)
CN40(I.B) CONNECTOR (NORMAL OPERATION)
CN41(I.B) COOLING)
CN50(I.B) CONNECTOR (FOR REMOTE INDICATOR)
D1 CHECK LED INDICATOR
D2 TEMPERATURE LED INDICATOR
D3~D16 TIME SWITCH LED INDICATOR
D17 FUSE
F1~F4 CRANKCASE HEATER
I.B INDOOR CONTROLLER BOARD

MC COMPRESSOR MOTOR
MF1 INDOOR FAN MOTOR
MF3 OUTDOOR FAN MOTOR
ML SWING LOUVER MOTOR
O.B OUTDOOR CONTROLLER BOARD
R.B REMOTE CONTROLLER BOARD
SW1(I.B) SWITCH (SELF DIAGNOSTIC FUNCTION OR INTERVAL START TIMER)
SW2(I.B) SWITCH (MODE SELECTOR)
SW1(R.B) POWER ON-OFF SWITCH
SW2(R.B) FUNCTION SELECTOR SWITCH
SW3(R.B) FAN MOTOR SPEED SELECTOR SWITCH
SW4(R.B) SWING LOUVER SWITCH
SW5(R.B) TEST RUN SWITCH
SW6(R.B) THERMOSTAT SELECTOR SWITCH
TB1.5 TERMINAL BLOCK (POWER SUPPLY)
TB2.6 TERMINAL BLOCK. TRANSMISSION WIRE (IN-DOOR/OUTDOOR)

TB3.4 TERMINAL BLOCK. TRANSMISSION WIRE (IN-DOOR/REMOTE CONTROLLER)
TH1 THERMISTOR FOR ROOM TEMPERATURE
TH2 THERMISTOR FOR PIPE TEMPERATURE
TH4 THERMISTOR FOR PIPE TEMPERATURE
TH5 THERMISTOR FOR INTAKE AIR TEMPERATURE
T1-T3 TRANSFORMER
VR1 VARIABLE RESISTOR (TEMPERATURE CONTROL)
49F1-F3 INTERNAL THERMOSTAT FOR MF1-MF3
51C OVERCURRENT RELAY FOR MC
52C CONTACTOR FOR MC
63H HIGH PRESSURE SWITCH
63L LOW PRESSURE SWITCH

*Wire color code
BK.....BLACK
BN.....BROWN
BE.....BLUE
GY.....GRAY
O ORANGE
Y YELLOW
R RED
W WHITE



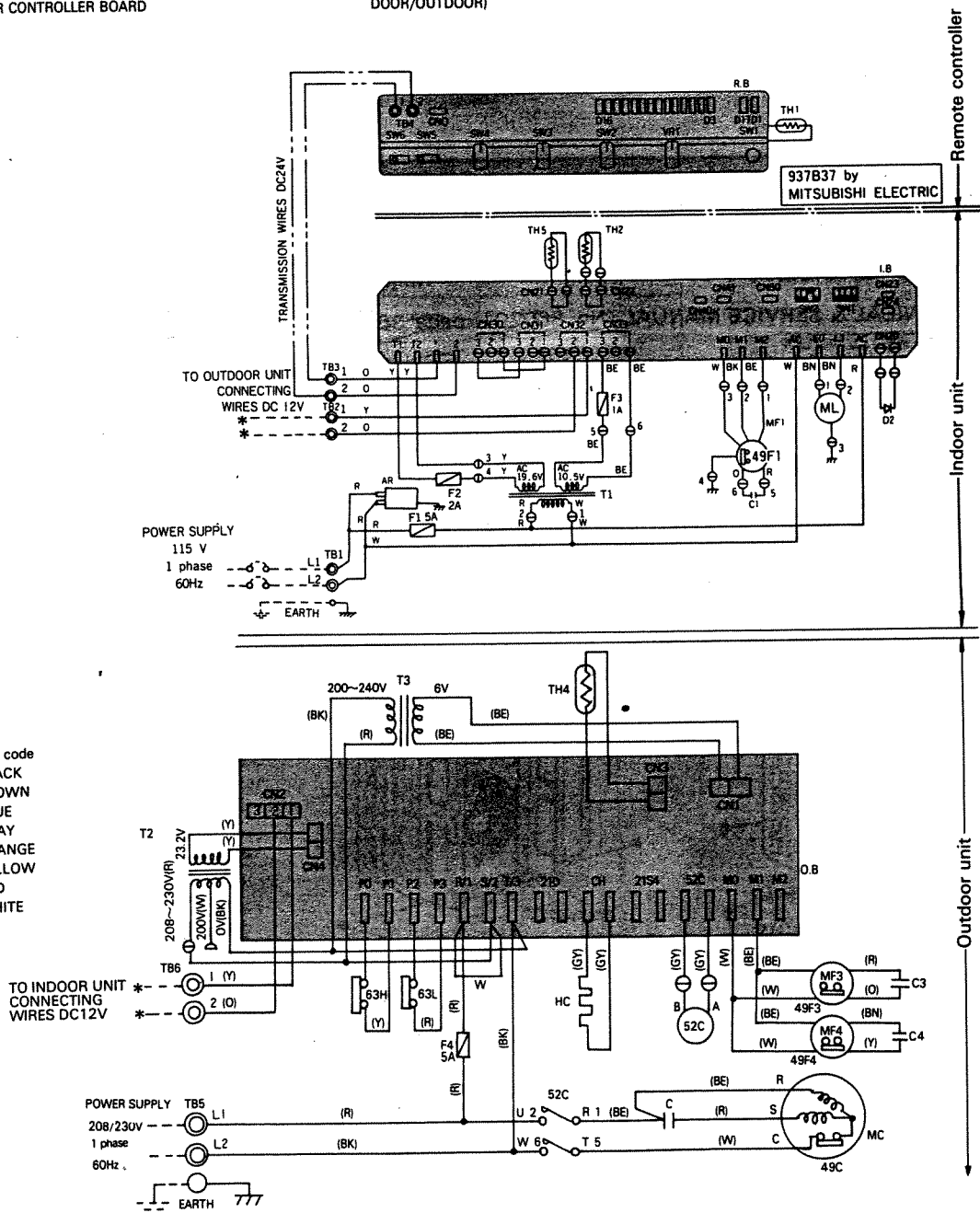
MODELS : PKL-24AG.US/PUL-24G6.US CIRCUIT DIAGRAM

AR SURGE ABSORBER
C RUN CAPACITOR FOR MC
C1-C4 RUN CAPACITOR FOR MF.-MF4
CNO(R.B) CONNECTOR (FOR TIME SWITCH)
CN23 (I.B) CONNECTOR (FOR SELF DIAGNOSTIC FUNCTION)
CN24 (I.B) CONNECTOR (FOR INTERVAL START TIMER)
CN40 (I.B) CONNECTOR (NORMAL OPERATION)
CN41 (I.B) CONNECTOR (EMERGENCY OPERATION FOR COOLING)
CN50 (I.B) CONNECTOR (FOR REMOTE INDICATOR)
D1 POWER ON/OFF LED INDICATOR
D2 L.E.D. FOR LED INDICATOR
D3-D16 TEMPERATURE LED INDICATOR
D17 (R.B) TIME SWITCH LED INDICATOR
F1-F4 FUSE
HC CRANKCASE HEATER
I.B INDOOR CONTROLLER BOARD

MC COMPRESSOR MOTOR
MF1 INDOOR FAN MOTOR
MF3, MF4 OUTDOOR FAN MOTOR
ML SWING LOUVER MOTOR
O.B OUTDOOR CONTROLLER BOARD
R.B REMOTE CONTROLLER BOARD
SW1 (I.B) SWITCH (SELF DIAGNOSTIC FUNCTION OR INTERVAL START TIMER)
SW2 (I.B) SWITCH (MODE SELECTOR)
SW1 (R.B) POWER ON-OFF SWITCH
SW2 (R.B) FUNCTION SELECTOR SWITCH
SW3 (R.B) FAN MOTOR SPEED SELECTOR SWITCH
SW4 (R.B) SWING LOUVER SWITCH
SW5 (R.B) TEST RUN SWITCH
SW6 (R.B) THERMOSTAT SELECTOR SWITCH
TB1,5 TERMINAL BLOCK (POWER SUPPLY)
TB2,6 TERMINAL BLOCK (TRANSMISSION WIRE (IN-DOOR/OUTDOOR))

TB3,4 TERMINAL BLOCK. TRANSMISSION WIRE (IN-DOOR/REMOTE CONTROLLER)
TH1 THERMISTOR FOR ROOM TEMPERATURE
TH2 THERMISTOR FOR PIPE TEMPERATURE
TH4 THERMISTOR FOR PIPE TEMPERATURE
TH5 THERMISTOR FOR INTAKE AIR TEMPERATURE
VR1 (R.B) VARIABLE RESISTOR (TEMPERATURE CONTROL)
49C INTERNAL THERMOSTAT FOR MC
49F1-F4 INTERNAL THERMOSTAT FOR MF1-MF4
52C CONTACTOR FOR MC
63H HIGH PRESSURE SWITCH
63L LOW PRESSURE SWITCH

*Wire color code
BK.....BLACK
BN.....BROWN
BE.....BLUE
GY.....GRAY
O ORANGE
Y YELLOW
R RED
W WHITE



7**OPERATION FLOW-CHART****1. MODELS : PJJ-12,18,24AG**

Refer to TECHNICAL & SERVICE MANUAL (No.860201) page 24,25.

2. MODELS : PKL-12,18,24AG

Refer to TECHNICAL & SERVICE MANUAL (No.860102) page 19,20.

8**MICROPROCESSOR CONTROL****1. MODELS : PJJ-12,18,24AG**

Refer to TECHNICAL & SERVICE MANUAL (No.860201) page 26 ~ 35.

2. MODELS : PKL-12,18,24AG

Refer to TECHNICAL & SERVICE MANUAL (No.860102) page 21 ~ 29.

9**DRAINAGE PIPE CONNECTION WORK****1. MODELS : PJJ-12,18,24AG**

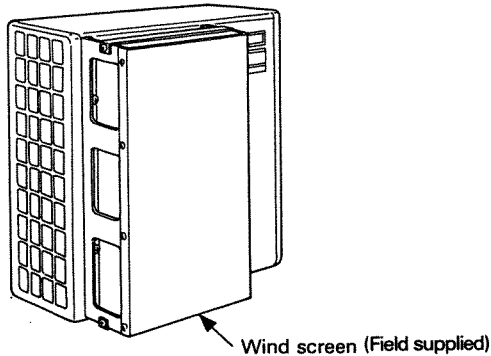
Refer to TECHNICAL & SERVICE MANUAL (No.860201) page 36,37.

10

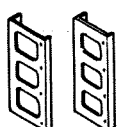
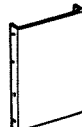
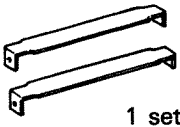
OPTIONAL PARTS

10.1 WIND SCREEN (FIELD SUPPLIES)

A wind screen should be installed any time the presence of high velocity prevailing winds would remove excessive heat from the condenser, resulting in unacceptable low pressures.



10.2 INSTALLATION PROCEDURE

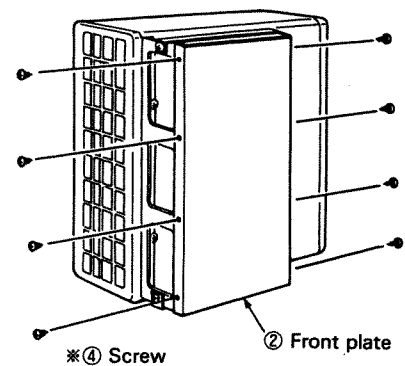
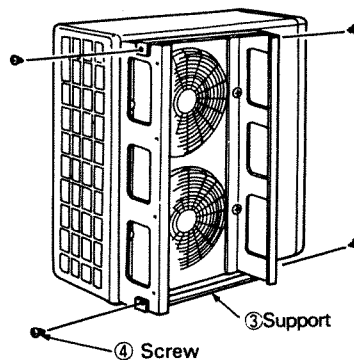
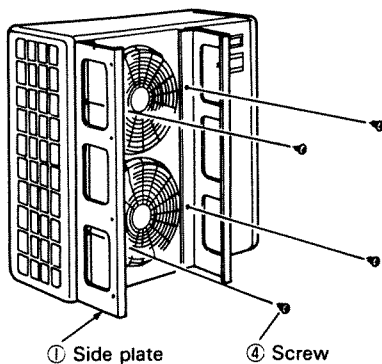
① Side plate	② Front plate	③ Support	④ Screw
 1 set	 × 1	 1 set	 × 14 (× 16)

APPLICABLE MODELS

PUL-12, 18G6. US
(PUL-24G6. US)

Installation

- 1). Side plate ① to the outdoor unit with two (2) screws ④ as shown below.
- 2). Support ③ to the side plate ① with two (2) screws ④ as shown below.
- 3). Front plate ② to the side plate ① with screws ④ as shown below.

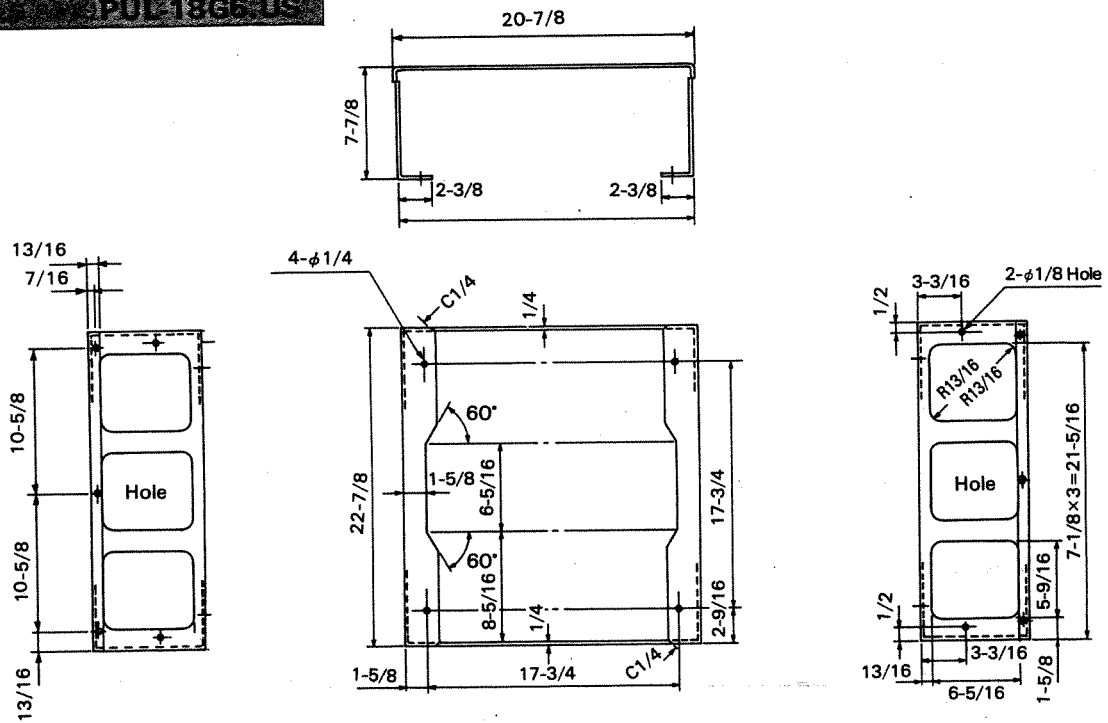


*PUL-12, 18G6. US --- Six (6) screws
PUL-24G6. US --- Eight (8) screws

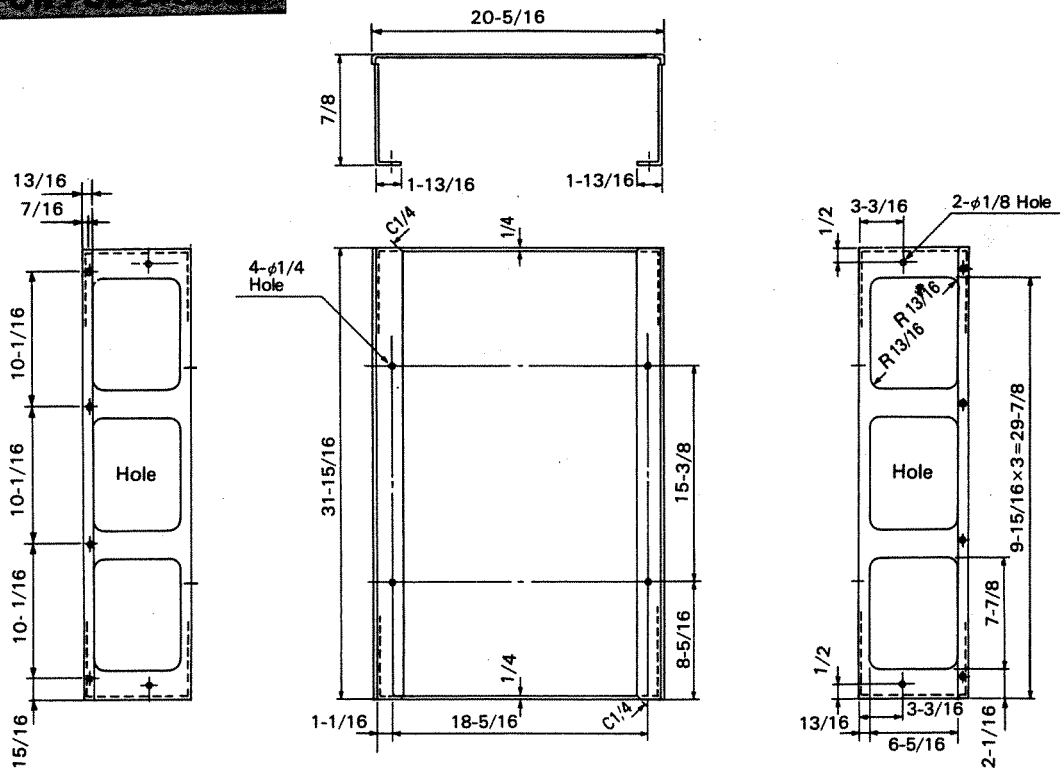
10.3 OUTLINE DIMENSIONS

Unit: inch

PARTS FOR PUL-12GG-US
PUL-18GG-US



PARTS FOR PUL-21GG-US



11**DISASSEMBLY PROCEDURE****1. P JL INDOOR UNITS**

Refer to TECHNICAL & SERVICE MANUAL (No.860201) page 38 ~ 40.

2. PKL INDOOR UNITS

Refer to TECHNICAL & SERVICE MANUAL (No.860102) page 30 ~ 32.

3. PUL OUTDOOR UNITS

Refer to TECHNICAL & SERVICE MANUAL (No.860201) page 41 ~ 43.

12**OPTIONAL PARTS****1. P JL INDOOR UNITS**

Refer to TECHNICAL & SERVICE MANUAL (No.860201) page 56.

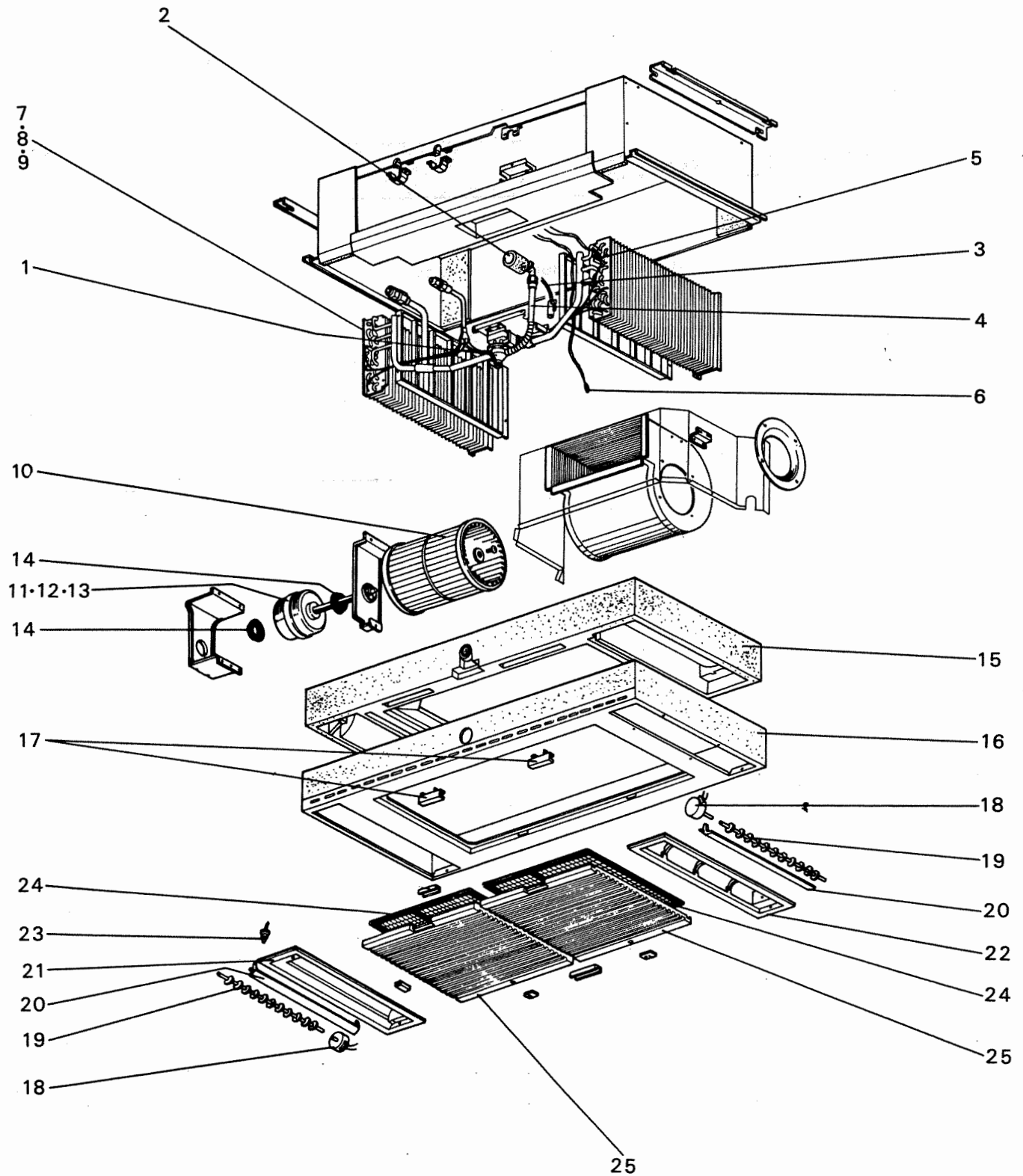
2. PKL INDOOR UNITS

Refer to TECHNICAL & SERVICE MANUAL (No.860102) page 50.

13

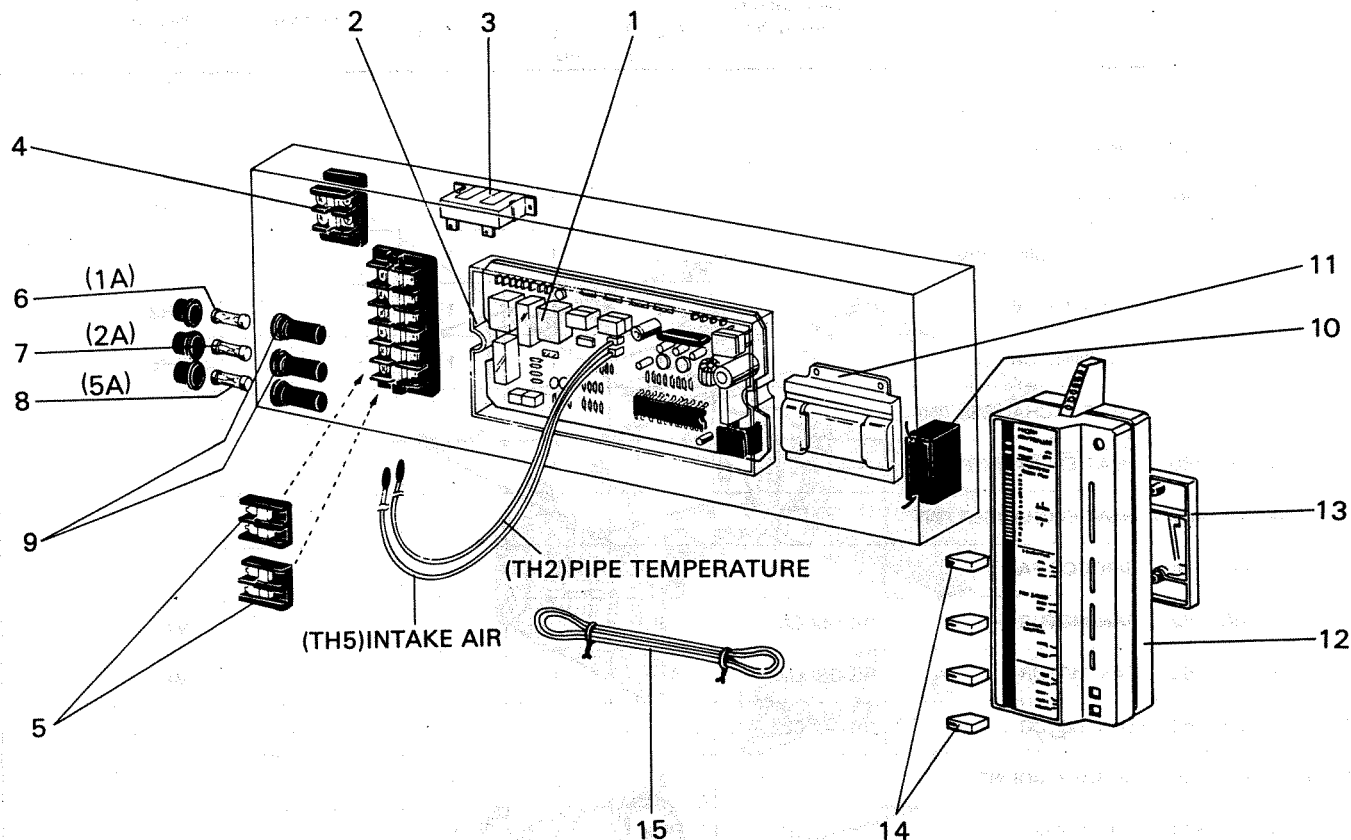
PARTS LIST

PJL-12AG.US, 18AG.US, 24AG.US STRUCTURAL PARTS



No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set			Remarks	Circuit Diagram Symbol	Price
				PJL-12 AG.US	PJL-18 AG.US	PJL-24 AG.US			
1	T7W 200 355	DRAIN PUMP	1φ115V60Hz	1	1	1		DP	
2	T7W 200 523	DRAIN SOCKET		1	1	1			
3	T7W 200 266	DRAIN SENSOR		1	1	1		DS	
4	T7W 200 528	PUMP HOSE (DRAIN)		1	1	1			
5	T7W 200 202	THERMISTOR		1	1	1		TH2	
6	T7W 204 202	THERMISTOR		1	1	1		TH5	
7	T7W 300 480	HEAT EXCHANGER (IN)		1					
8	T7W 200 480	HEAT EXCHANGER (IN)			1				
9	T7W 201 480	HEAT EXCHANGER (IN)				1			
10	R01 531 114	SIROCCO FAN		1	1	1			
11	T7W 300 762	FAN MOTOR	RB-050LA	1				MF1	
12	T7W 200 762	FAN MOTOR	RB-080LD		1			MF1	
13	T7W 201 762	FAN MOTOR	RB-100LD			1		MF1	
14	R01 527 105	RUBBER MOUNT		2	2	2			
15	T7W 200 529	DRAIN PAN		1	1	1			
16	T7W 200 669	UNDER PANEL		1	1	1			
17	T7W 200 061	HINGE		2	2	2			
18	T7W 200 222	LOUVER MOTOR		2	2	2		ML1,2	
19	T7W 200 003	SWING LOUVER		2	2	2			
20	T7W 200 002	GUIDE VANE		2	2	2			
21	T7W 200 550	NOZZLE (No.1)		1	1	1			
22	T7W 200 551	NOZZLE (No.2)		1	1	1			
23	T7W 200 217	ALARM LAMP		1	1	1		D2	
24	T7W 200 500	AIR FILTER		2	2	2			
25	T7W 200 691	INTAKE GRILLE		2	2	2			

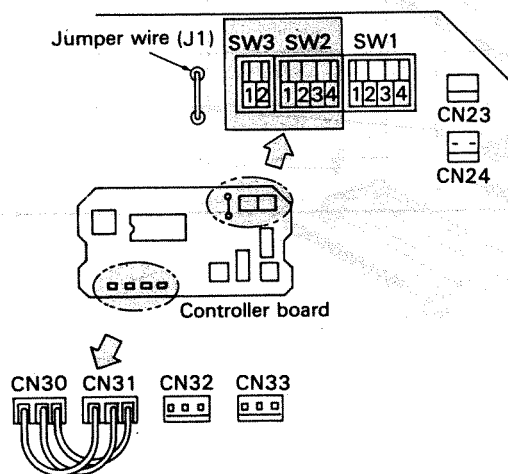
PJL-12AG.US, 18AG.US, 24AG.US ELECTRICAL PARTS



PRECAUTION FOR CONTROLLER BOARD REPLACEMENT FOR AG models (T7W 206 310)

This service board made for all AG models.

- When using this board for drain-pump models such as PJ(X), PJL, PJH(X), cut Jumper wire(J1) on the upper right of the board to function the drain sensor circuit. (See the fig. below.)
Set connectors (CN23,24,30 and 31) and also SW1,2,3 on the new board as same setting as on the present board.
- The present board except twin model has no SW3.
If the board of the unit has no SW3, set all SW3 toggles to off.



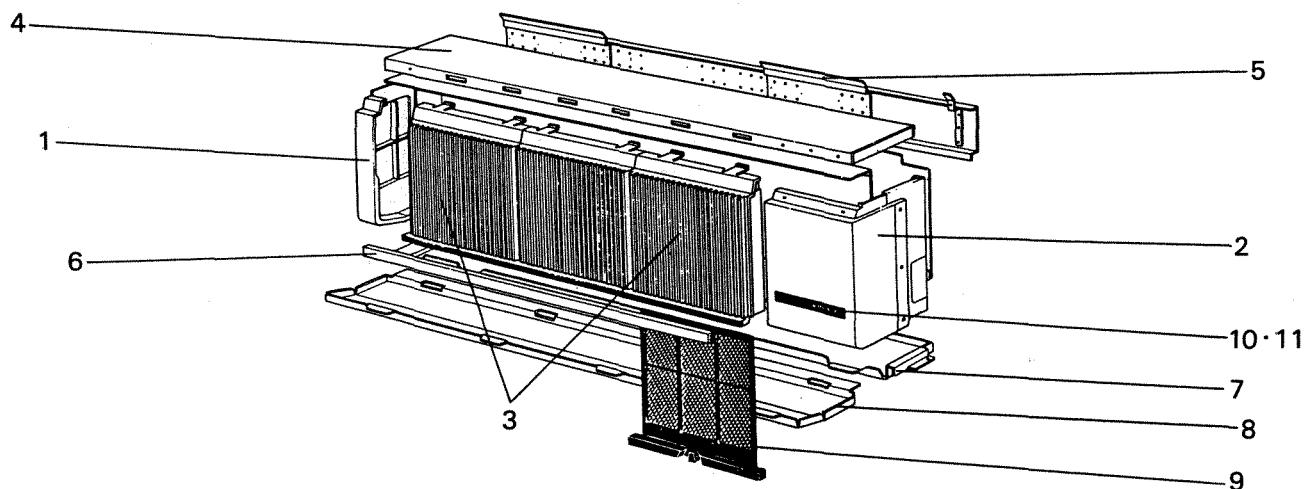
SW2, SW3 SETTING & JUMPER WIRE CUTTING

MODEL	SW2	SW3	J1 WIRE
PJ-AG			Cut
PJL-AG			Cut
PJX-AG1			Cut
PJX-AG2			Cut
PJH-AG			Cut
PJHX-AG1			Cut
PJHX-AG2			Cut
PC-AG			
PK-AG			
PKL-AG			
PCH-AG			

* For the present board without SW3.

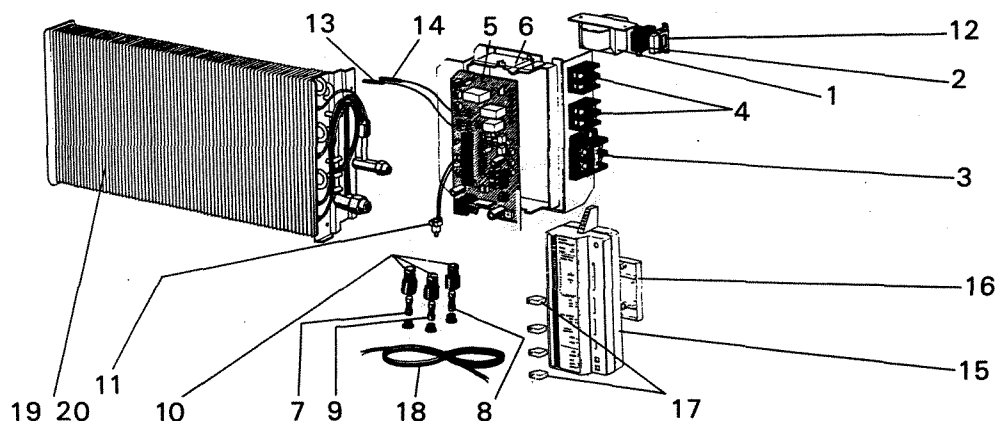
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set			Remarks	Circuit Diagram Symbol	Price
				PJL-12 AG.US	PJL-18 AG.US	PJL-24 AG.US			
1	T7W 206 310	CONTROLLER BOARD (INDOOR)		1	1	1		IB	
2	T7W 829 070	CONTROLLER CASE		1	1	1			
3	M21 A21 465	SURGE ABSORBER		1	1	1		AR	
4	R01 998 246	TERMINAL BED	660V 40A 2P(L ¹ , L ²)	1	1	1		TB1	
5	R01 556 246	TERMINAL BED	250V 15A 2P(1,2)	2	2	2		TB2,3	
6	T7W 829 239	FUSE	UL1A	1	1	1		F3	
7	T7W 651 239	FUSE	UL2A	1	1	1		F2	
8	T7W 645 239	FUSE	UL5A	1	1	1		F1	
9	T7W 645 241	FUSE HOLDER		3	3	3			
10	T7W 200 255	RUN CAPACITOR	8 μ F220V	1	1	1		C1	
11	T7W 200 799	TRANSFORMER	115V/10.5V0.4A 19.6V0.8A	1	1	1			
12	T7W 920 200	REMOTE CONTROLLER		1	1	1		R.B	
13	T7W 829 065	BRACKET CONTROLLER		1	1	1			
14	T7W 829 008	KNOB		4	4	4			
15	T7W 556 305	REMOTO CONTROLLER CABLE	39ft (12m)	1	1	1			

PKL-12AG.US,18AG.US STRUCTURAL PARTS



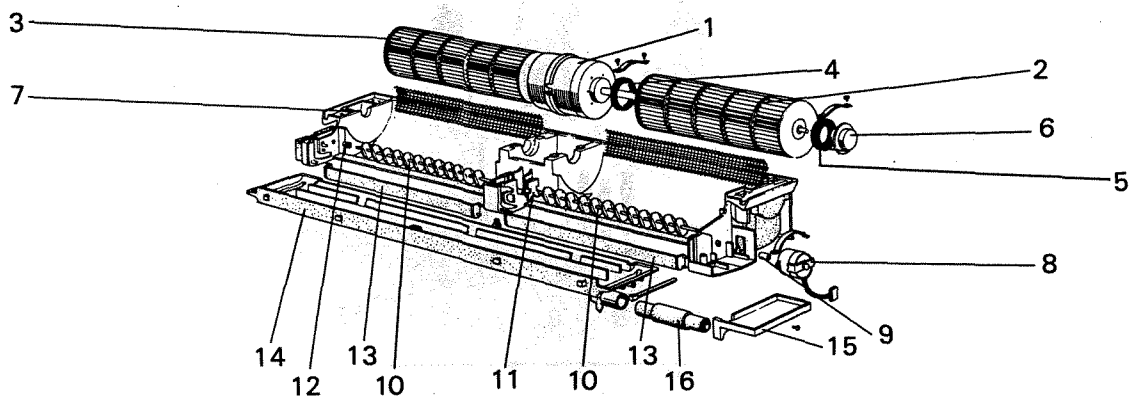
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PKL-12AG. US-W	PKL-18AG. US-W			
1	R01 566 662	SIDE PANEL (LEFT)		1	1	PK-24AG.US-W PK-30AG.US-W		
2	T7W 930 661	SIDE PANEL (RIGHT)		1	1	PK-24AG.US-W PK-30AG.US-W		
3	R01 566 691	INTAKE GRILLE		3	3	PK-24AG.US-W PK-30AG.US-W		
4	R01 802 641	TOP FRAME		1	1			
5	R01 571 808	WALL CLAMP		1	1			
6	R01 566 001	COVER (GRILLE INTAKE)		1	1			
7	T7W 930 812	LOWER PLATE (REAR)		1	1			
8	R01 566 811	LOWER PLATE (FRONT)		1	1			
9	R01 566 500	AIR FILTER		3	3	PK-24AG.US-M,W PK-30AG.US-M,W		
10	T7W 122 820	BADGE ASSEMBLY		1				
11	T7W 125 820	BADGE ASSEMBLY			1			

PKL-12AG .US,18AG .US ELECTRICAL PARTS



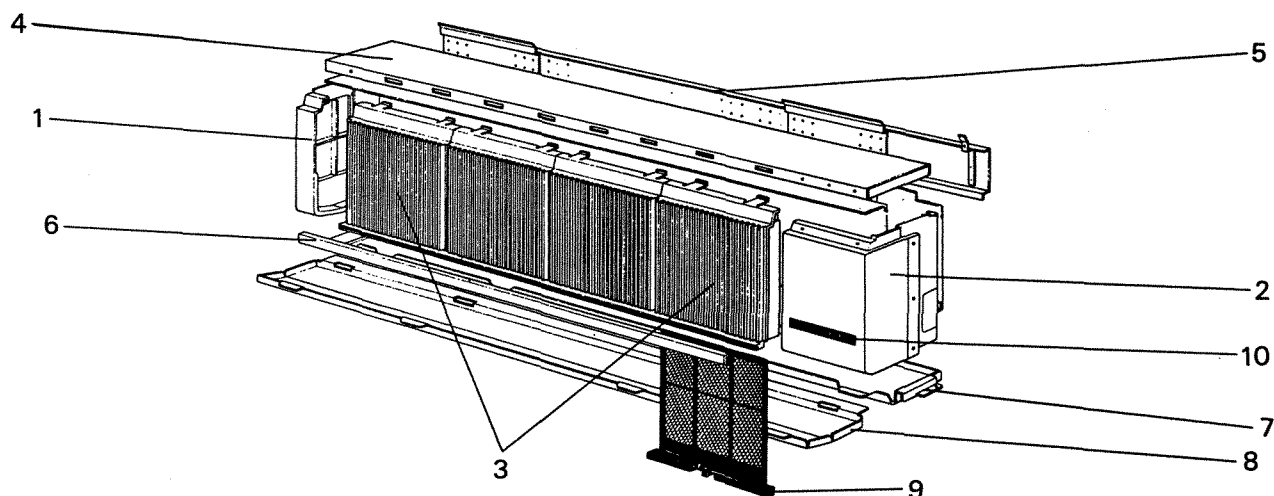
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PKL-12AG. US-W	PKL-18AG. US-W			
1	T7W 930 799	TRFNSFORMER		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
2	T7W 930 255	RUN CAPACITOR (FAN MOTOR)	250V 5 μ F	1	1	PK-24AG.US-M,W PK-30AG.US-M,W	C1	
3	R01 998 246	TERMINAL BLOCK	40A,660V 2P (L1,L2)	1	1	PK-24AG.US-M,W PK-30AG.US-M,W	TB2	
4	R01 556 246	TERMINAL BLOCK	15A 250V 2P(1,2)	2	2	PK-24AG.US-M,W PK-30AG.US-M,W	TB3,4	
5	T7W 206 310	CONTROLLER BOARD (INDOOR)		1	1	PK-24AG.US-M,W PK-30AG.US-M,W	IB	
6	T7W 829 070	CASE (CONTROLLER)		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
7	T7W 645 239	FUSE	UL-5A	2	2	PK-24AG.US-M,W PK-30AG.US-M,W	F1	
8	T7W 651 239	FUSE	UL-1A	1	1	PK-24AG.US-M,W PK-30AG.US-M,W	F3	
9	T7W 829 239	FUSE	UL-2A	1	1	PK-24AG.US-M,W PK-30AG.US-M,W	F2	
10	T7W 645 241	FUSE HOLDER		3	3	PK-24AG.US-M,W PK-30AG.US-M,W		
11	R01 802 217	ALARM LAMP		1	1	PK-24AG.US-M,W PK-30AG.US-M,W	D2	
12	R01 885 348	SURGE ABSORBER		1	1	PK-24AG.US-M,W PK-30AG.US-M,W	AR	
13	T7W 204 202	THERMISTOR		1	1	PK-24AG.US-M,W PK-30AG.US-M,W	TH1	
14	R01 005 202	THERMISTOR		1	1	PK-24AG.US-M,W PK-30AG.US-M,W	TH2	
15	T7W 920 200	REMOTE CONTROLLER		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
16	T7W 829 065	BRACKET		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
17	T7W 829 008	KNOB (B)		4	4	PK-24AG.US-M,W PK-30AG.US-M,W		
18	T7W 556 305	(CONTROLLER) CABLE		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
19	R01 922 480	HEAT EXCHANGER		1				
20	T7W 913 480	HEAT EXCHANGER			1			

PKL-12AGW.US,18AGW.US FAN PARTS



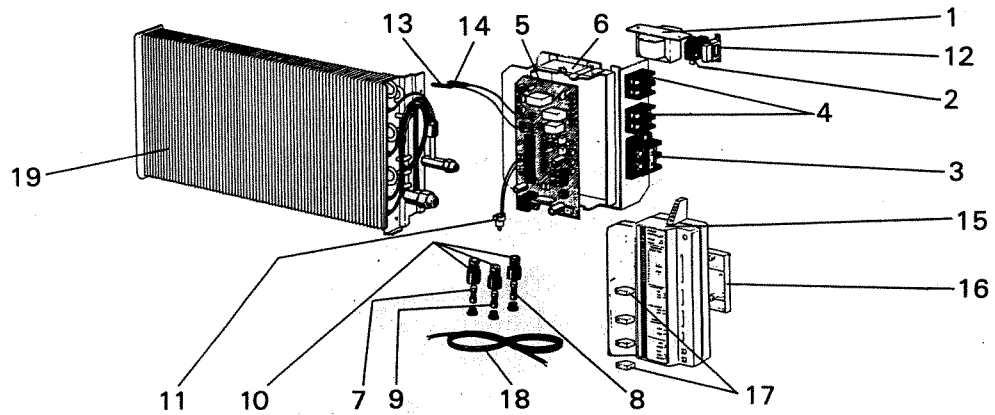
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PKL-12AG. US-W	PKL-18AG. US-W			
1	T7W 930 762	FAN MOTOR	DFA-43C-LA	1	1		MF1	
2	R01 566 115	LINEFLOW FAN (RIGHT)		1	1			
3	R01 566 114	LINEFLOW FAN (LEFT)		1	1			
4	R01 566 105	RUBBER MOUNT (MOTOR)		2	2	PK-24AG.US-M,W PK-30AG.US-M,W		
5	R01 566 102	RUBBER MOUNT (BEARING)		2	2	PK-24AG.US-M,W PK-30AG.US-M,W		
6	R01 566 103	BEARING (FAN)		2	2	PK-24AG.US-M,W PK-30AG.US-M,W		
7	T7W 930 117	SCROOL ASSEMBLY		1	1			
8	T7W 930 222	LOUVER MOTOR		1	1	PK-24AG.US-M,W PK-30AG.US-M,W	ML	
9	R01 566 153	JOINT (LOUVER MOTOR)		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
10	R01 566 003	SWING LOUVER		2	2			
11	R01 566 063	JOINT (SWING LOUVER)		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
12	R01 566 150	BUSH (SWING LOUVER)		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
13	R01 566 002	GUIDE VANE		2	2			
14	R01 566 529	DRAIN PAN		1	1			
15	T7W 930 531	DRAIN COVER		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		
16	T7W 930 527	DRAIN HOSE		1	1	PK-24AG.US-M,W PK-30AG.US-M,W		

PKL-24AG. US STRUCTURAL PARTS



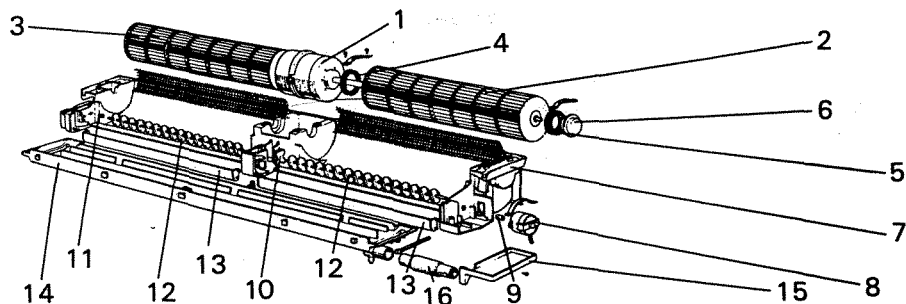
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PKL-24AG. US-W				
1	R01 566 662	SIDE PANEL (LEFT)		1		PK-12AG.US-W PK-18AG.US-W		
2	T7W 930 661	SIDE PANEL (RIGHT)		1		PK-12AG.US-W PK-18AG.US-W		
3	R01 566 691	INTAKE GRILLE		4		PK-12AG.US-W PK-18AG.US-W		
4	R01 806 641	TOP FRAME		1				
5	R01 569 808	WALL CLAMP		1				
6	R01 569 001	COVER (INTAKE GRILLE)		1				
7	T7W 936 812	LOWER PLATE (REAR)		1				
8	R01 569 811	LOWER PLATE (FRONT)		1				
9	R01 566 500	AIR FILTER		4		PK-12AG.US-M,W PK-18AG.US-M,W		
10	T7W 135 820	BADGE ASSEMBLY		1				

PKL-24AG.US ELECTRICAL PARTS



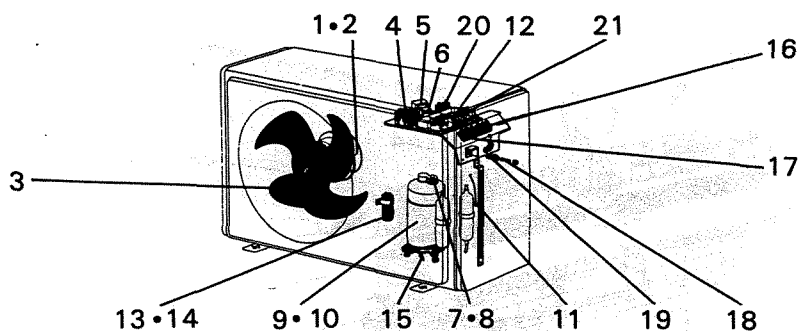
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PKL-24AG. US-W				
1	T7W 930 799	TRANSFORMER		1		PK-12AG.US-M,W PK-18AG.US-M,W	T1	
2	T7W 930 255	RUN CAPACITOR (FAN MOTOR)	250V 5 μ F	1		PK-12AG.US-M,W PK-18AG.US-M,W	C1	
3	R01 996 246	TERMINAL BLOCK	40A, 660V 2P (L1,L2)	1		PK-12AG.US-M,W PK-18AG.US-M,W	TB3,4	
4	R01 556 246	TERMINAL BLOCK	15A 250V 2P (1, 2)	2		PK-12AG.US-M,W PK-18AG.US-M,W	TB3	
5	T7W 206 310	CONTROLLER BOARD (INDOOR)		1		PK-12AG.US-M,W PK-18AG.US-M,W	IB	
6	T7W 829 070	CASE (CONTROLLER)		1		PK-12AG.US-M,W PK-18AG.US-M,W		
7	T7W 645 239	FUSE	UL-5A	1		PK-12AG.US-M,W PK-18AG.US-M,W	F1	
8	T7W 651 239	FUSE	UL-1A	1		PK-12AG.US-M,W PK-18AG.US-M,W	F3	
9	T7W 829 239	FUSE	UL-2A	1		PK-12AG.US-M,W PK-18AG.US-M,W	F2	
10	T7W 645 241	FUSE HOLDER		3		PK-12AG.US-M,W PK-18AG.US-M,W		
11	R01 802 217	ALARM LAMP		1		PK-12AG.US-M,W PK-18AG.US-M,W	D2	
12	R01 885 348	SURGE ABSORBER		1		PK-12AG.US-M,W PK-18AG.US-M,W	AR	
13	T7W 204 202	THERMISTOR		1		PK-12AG.US-M,W PK-18AG.US-M,W	TH1	
14	R01 005 202	THERMISTOR		1		PK-12AG.US-M,W PK-18AG.US-M,W	TH2	
15	T7W 920 200	REMOTE CONTROLLER		1		PK-12AG.US-M,W PK-18AG.US-M,W		
16	T7W 829 065	BRACKET		1		PK-12AG.US-M,W PK-18AG.US-M,W		
17	T7W 829 008	KNOB (B)		4		PK-12AG.US-M,W PK-18AG.US-M,W		
18	T7W 556 305	CORD (CONTROLLER)		1		PK-12AG.US-M,W PK-18AG.US-M,W		
19	R01 915 480	HEAT EXCHANGER	BA00N303B10	1				

PKL-24AG.US FAN PARTS



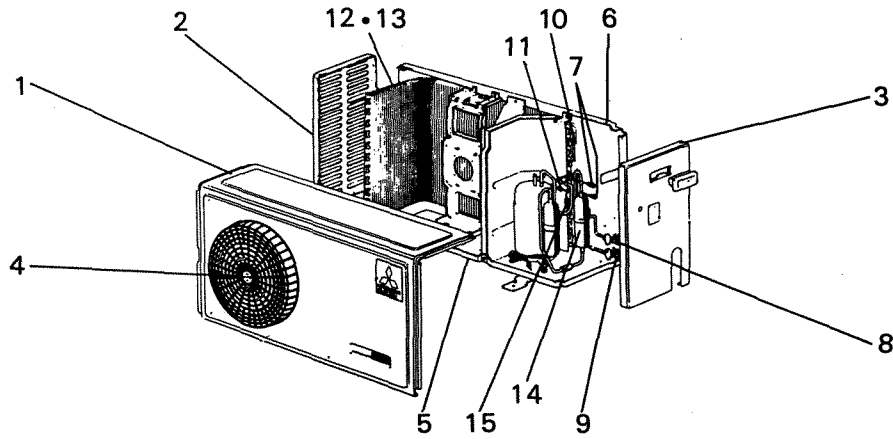
No.	Part No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PKL-24AG. US-W				
1	T7W 936 762	FAN MOTOR	DFA-53C-LA	1			MF1	
2	R01 808 115	LINEFLOW FAN (RIGHT)		1				
3	R01 808 114	LINEFLOW FAN (LEFT)		1				
4	R01 566 105	RUBBER MOUNT (MOTOR)		2		PK-12AG.US-M,W PK-18AG.US-M,W		
5	R01 566 102	RUBBER MOUNT (BEARING)		2		PK-12AG.US-M,W PK-18AG.US-M,W		
6	R01 566 103	BEARING		2		PK-12AG.US-M,W PK-18AG.US-M,W		
7	T7W 936 117	SCROOL ASSEMBLY		1				
8	T7W 930 222	LOUVER MOTOR	BB61R923H02	1		PK-12AG.US-M,W PK-18AG.US-M,W	ML	
9	R01 566 153	JOINT (LOUVER MOTOR)	BA25S486H02	1		PK-12AG.US-M,W PK-18AG.US-M,W		
10	R01 566 063	JOINT (SWING SWING)		1		PK-12AG.US-M,W PK-18AG.US-M,W		
11	R01 566 150	BUSH (SWING LOUVER)		1		PK-12AG.US-M,W PK-18AG.US-M,W		
12	R01 569 003	SWING LOUVER		2				
13	R01 569 002	GUIDE VANE		2				
14	R01 569 529	DRAIN PAN		1				
15	T7W 930 531	DRAIN COVER		1		PK-12AG.US-M,W PK-18AG.US-M,W		
16	T7W 930 527	DRAIN HOSE		1		PK-12AG.US-M,W PK-18AG.US-M,W		

PUL-12G6.US, 18G6.US FUNCTIONAL PARTS



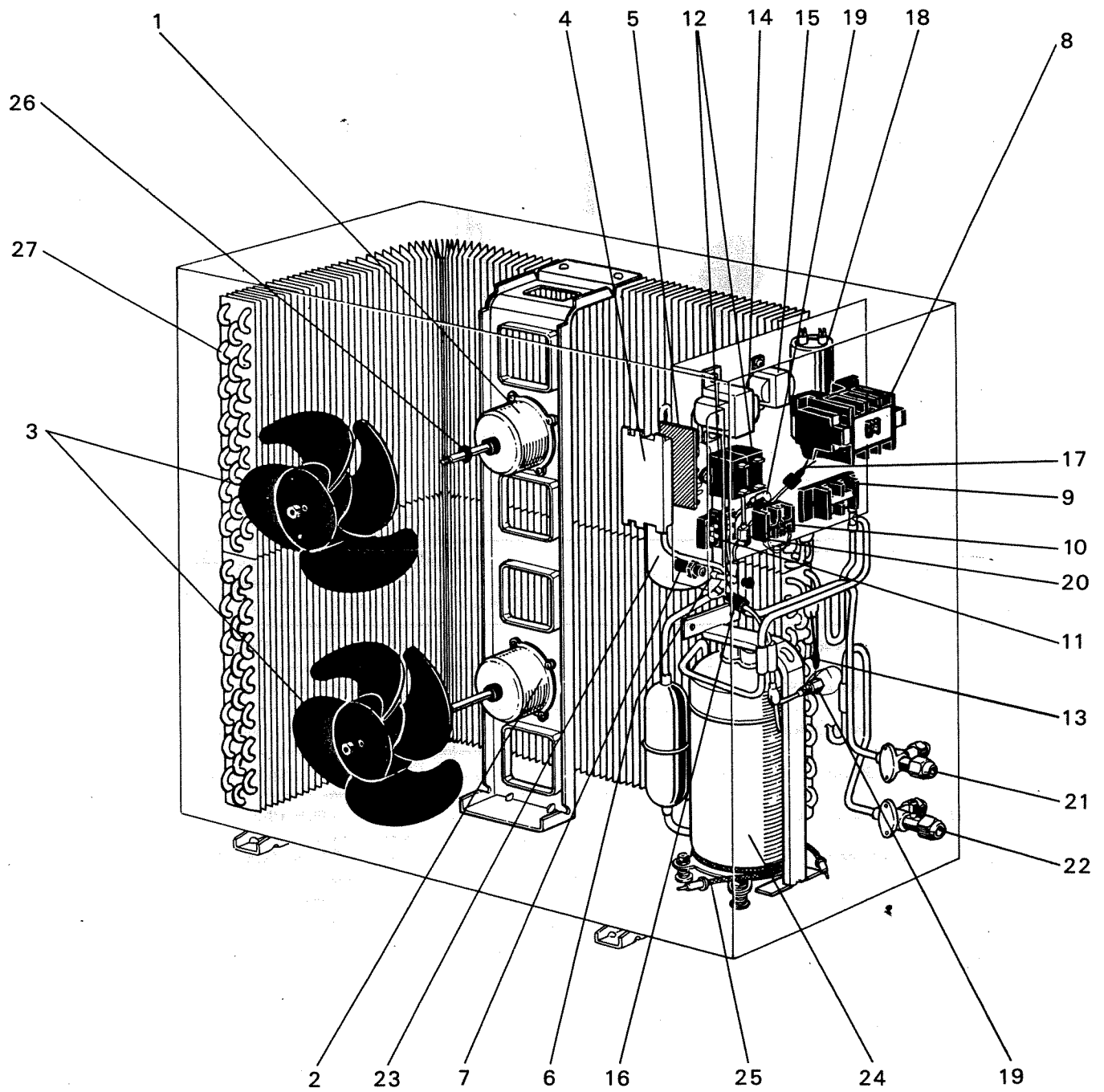
No.	Parts No.	Parts Name	Specifications Drawing. No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PUL-12G6.US	PUL-18G6.US			
1	T7W 093 763	FAN MOTOR	SGD-60F · PE	1			MF3	
2	T7W 101 763	FAN MOTOR	SGD-65F · PE		1	PUH-18G6.US	MF3	
3	R01 093 115	PROPELLER FAN		1	1	PUH-18G6.US		
4	T7W 651 215	RELAY (COMP.)	VC-20F-3A 1B	1	1	PUH-18G6.US	52C	
5	T7W 093 799	TRANSFORMER	208~240V/23.2V	1	1	PUH-18G6.US	T2	
6	T7W 093 798	TRANSFORMER	200~240V/6V	1	1	PUH-18G6.US	T3	
7	T7W 966 238	MOTOR PROTECTOR	MRA-98880-903	1		PU-12G6.US	51C	
8	T7W 969 238	MOTOR PROTECTOR	MRA-98881-093		1	PUH-18G6.US	51C	
9	T97 530 452	COMPRESSOR	RH-427NAA	1		PU-12G6.US	MC	
10	T97 531 452	COMPRESSOR	RH-441NAA		1	PUH-18G6.US	MC	
11	R01 005 202	THERMISTOR		1	1	PUH-18G6.US	TH4	
12	T7W 112 315	CONTROLLER BOARD (OUTDOOR)		1	1	PUL-18,24G6.US	O.B	
13	T7W 966 723	RUN CAPACITOR (COMP.)	25 μ F 370V	1		PU-12G6.US	C	
14	T7W 969 723	RUN CAPACITOR (COMP.)	30 μ F 370V		1	PUH-18G6.US	C	
15	T7W 966 236	CRANKCASE HEATER	240V 30W	1	1	PUH-18G6.US	HC	
16	R01 998 246	TERMINAL BED	660V 40A 2P(L ¹ , L ²)	1	1	PUH-18G6.US	TB5	
17	R01 556 246	TERMINAL BED	250V 30A 2P(1,2)	1	1	PU-24G6.US PU-30G6.US	TB6	
18	T7W 645 239	FUSE	UL-5A	1	1	PUH-18G6.US	F4	
19	T7W 645 241	FUSE HOLDER		1	1	PUH-18G6.US		
20	R01 576 255	RUN CAPACITOR (FAN)	3 μ F 440V	1	1	PUH-18G6.US	C3	
21	T7W 829 070	CONTROLLER CASE		1	1	PUH-18G6.US		

PUL-12G6.US, 18G6.US STRUCTURAL PARTS



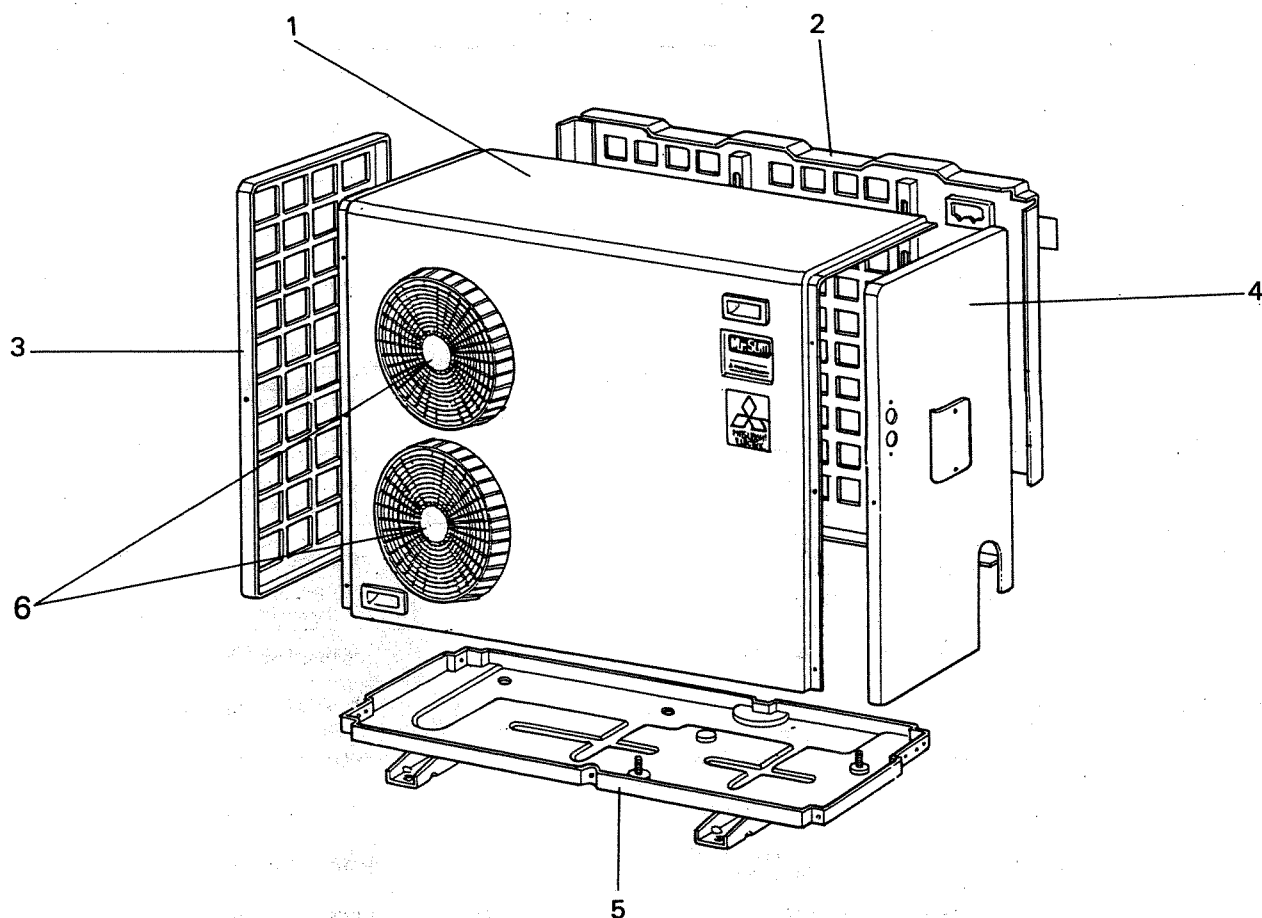
No.	Parts No.	Parts Name	Specifications Drawing. No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PUL-12G6.US	PUL-18G6.US			
1	R01 648 810	FRONT PANEL		1	1	PUH-18G6.US		
2	R01 648 662	SIDE PANEL (LEFT)		1	1	PUH-18G6.US		
3	T7W 966 661	SIDE PANEL (RIGHT)		1	1	PUH-18G6.US		
4	R01 093 675	FAN GRILLE		1	1	PUH-18G6.US		
5	T7W 966 686	BASE ASSEMBLY		1	1	PUH-18G6.US		
6	R01 856 682	REAR PANEL		1	1	PUH-18G6.US		
7	R01 590 413	CHARGE PLUG		2	2	PUH-18G6.US		
8	R01 943 411	STOP VALVE	5/8	1	1	PUH-18G6.US		
9	R01 943 410	STOP VALVE	3/8	1	1	PUH-18G6.US		
10	T7W 867 208	HIGH PRESSURE SWITCH	OFF 469Lbf/in ² (33kg/cm ²)	1	1	PUH-18G6.US	63H	
11	T7W 869 209	LOW PRESSURE SWITCH	OFF 7Lbf/in ² (0.5kg/cm ²)	1	1	PUH-18G6.US	63L	
12	T7W 093 408	HEAT EXCHANGER		1				
13	T7W 100 408	HEAT EXCHANGER			1			
14	R01 737 440	ACCUMULATOR		1	1	PUH-18G6.US		
15	T7W 973 507	FUSIBLE PLUG		1	1	PUH-18G6.US		

PUL-24G6.US FUNCTIONAL PARTS



No.	Parts No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PUL-24G6.US				
1	T7W 103 763	FAN MOTOR (UP)	SFD-36CP	1		PUH-24G6.US	MF3	
2	T7W 104 763	FAN MOTOR (LOW)	SFD-32CP	1		PUH-24G6.US	MF4	
3	R01 103 115	PROPELLER FAN		2		PUH-24G6.US		
4	T7W 829 070	CONTROLLER CASE		1		PU(H)-G6.US		
5	T7W 112 315	CONTROLLER BOARD (OUTDOOR)		1		PUL-12G6.US	O.B	
6	T7W 645 239	FUSE	UL-5A	1		PU-12, 18G6.US PU-30G6.US	F4	
7	T7W 645 241	FUSE HOLDER		1		PU-12, 18G6.US PU-30G6.US		
8	T7W 867 708	CONTACTOR	AC-208V S-K25UR	1		PU-30G6.US PUH-24G6.US	52C	
9	R01 998 246	TERMINAL BED	660V 40A 2P(L ¹ , L ²)	1		PU-12, 18G6.US PU-30G6.US	TB5	
10	R01 556 246	TERMINAL BED	250V 15A 2P(1,2)	1		PU-12, 18G6.US PU-30G6.US	TB6	
11	R01 996 246	TERMINAL BED	250V 20A	1		PU-30G6.US PUH-24G6.US		
12	R01 566 255	RUN CAPACITOR (FAN)	1.8 μ F 440V	2		PUH-24G6.US	C3,C4	
13	R01 885 202	THERMISTOR		1		PUH-24G6.US	TH4	
14	T7W 093 799	TRANSFORMER	208~240V/23.2V	1		PUH-24G6.US	T2	
15	T7W 093 798	TRANSFORMER	200~240V/6V	1		PUH-24G6.US	T3	
16	T7W 867 208	HIGH PRESSURE SWITCH	OFF 497Lbf/in ² (33kg/cm ²)	1		PUH-24G6.US	63H	
17	T7W 867 209	LOW PRESSURE SWITCH	OFF 7Lbf/in ² (0.5kg/cm ²)	1		PUH-24G6.US	63L	
18	T7W 973 723	RUN CAPACITOR (COMP.)	40 μ F 400V	1		PUH-24G6.US	C	
19	R01 590 413	CHARGE PLUG		2		PUH-24G6.US		
20	T7W 973 507	FUSIBLE PLUG		1		PUH-24G6.US		
21	R01 951 411	STOP VALVE	5/8	1		PUH-24G6.US		
22	R01 943 410	STOP VALVE	3/8	1		PUH-24G6.U		
23	R01 470 440	ACCUMULATOR		1		PUH-24G6.US		
24	T97 517 362	COMPRESSOR	NH-456NF	1		PUH-24G6.US	MC	
25	T7W 867 236	CRANKCASE HEATER	43W 240V	1		PUH-24G6.US	MC	
26	T7W 105 140	FAN PACKING		2		PUH-24G6.US		
27	T7W 103 408	HEAT EXCHANGER		1				

PUL-24G6.US STRUCTURAL PARTS



No.	Parts No.	Parts Name	Specifications Drawing No.	Q'ty/set		Remarks	Circuit Diagram Symbol	Price
				PUL-24G6.US				
1	T7W 653 668	FRONT PANEL		1		PUH-24G6.US		
2	R01 951 682	REAR PANEL		1		PUH-24G6.US		
3	R01 469 662	SIDE PANEL (LEFT)		1		PUH-24G6.US		
4	T7W 653 661	SIDE PANEL (RIGHT)		1		PUH-24G6.US		
5	R01 658 686	BASE ASSEMBLY		1				
6	R01 103 675	FAN GRILLE		2		PUH-24G6.US		

NOTE

NOTE

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