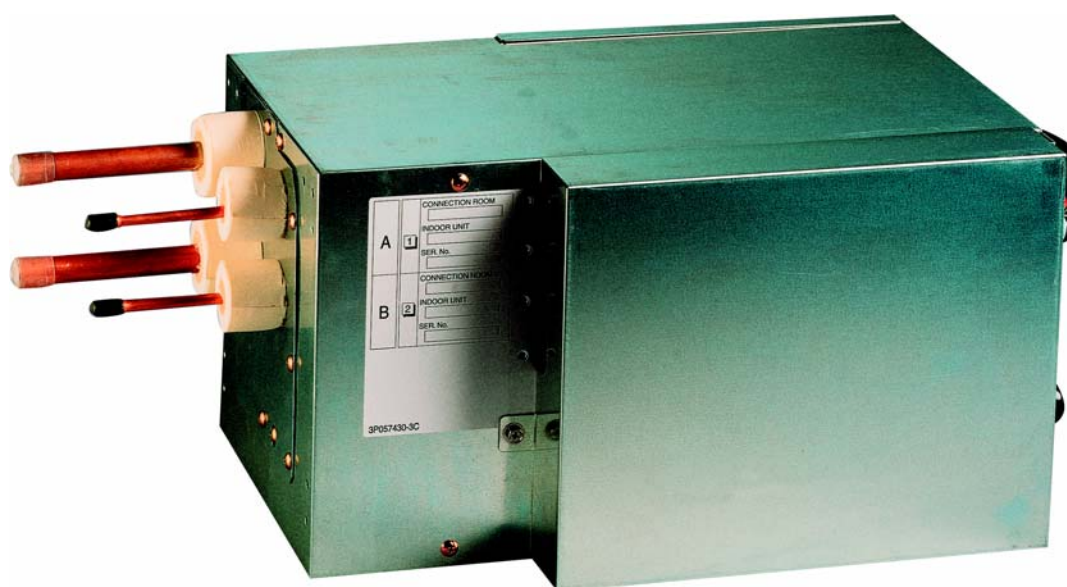




# Air Conditioning

# Technical Data

Branch selector box



EEEDEN15-200\_1

BPMKS967A



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## BPMKS967A

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# 1 Features

For connection of Split and Sky Air indoor units to VRV

1



2

## 2 Specifications

2-1 Technical Specifications				BPMKS967A2		BPMKS967A3		
Connectable indoor unit type				20 class - 71 class				
Application				For 2 rooms		For 3 rooms		
Combination	Min.		kW	2.0				
	Max.		kW	14.2		20.8		
Power input	Nom.		kW	0.010				
Dimensions	Unit	HeightxWidthxDepth		mm	180x650x350			
	Packed unit	HeightxWidthxDepth		mm	257x738x427			
Weight	Unit		kg	7.5		8		
	Packed unit		kg	11		12		
Casing	Colour			Unpainted				
Refrigerant	Type			R-410A				
Piping connections	Outdoor unit	Liquid	Quantity		1			
			ID	mm	9.5			
		Gas	Quantity	mm	1			
			ID	mm	19.1			
	Indoor unit	Liquid	Quantity		2		3	
			ID	mm	6.4			
		Gas	Quantity	mm	2		3	
			ID	mm	15.9			
Product country display				No display				

Standard Accessories : Reducer for indoor unit side; Liquid diameter 9.5; Quantity : 2;

Standard Accessories : Screws (M4x8); Quantity : 8;

Standard Accessories : Reducer for indoor unit side; Gas diameter 9.52; Quantity : 1;

Standard Accessories : Reducer for outdoor unit side; Gas diameter 19.1; Quantity : 1;

Standard Accessories : Reducer for outdoor unit side; Gas diameter 15.9; Quantity : 1;

Standard Accessories : Reducer for indoor unit side; Liquid diameter 12.7; Quantity : 2;

Standard Accessories : Reducer for outdoor unit side; Gas diameter 12.7; Quantity : 1;

Standard Accessories : Reducer for outdoor unit side; Liquid diameter 6.4; Quantity : 1;

Standard Accessories : Heat insulation; Quantity : 3;

Standard Accessories : Hanger metal; Quantity : 4;

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Binding band; Quantity : 2;

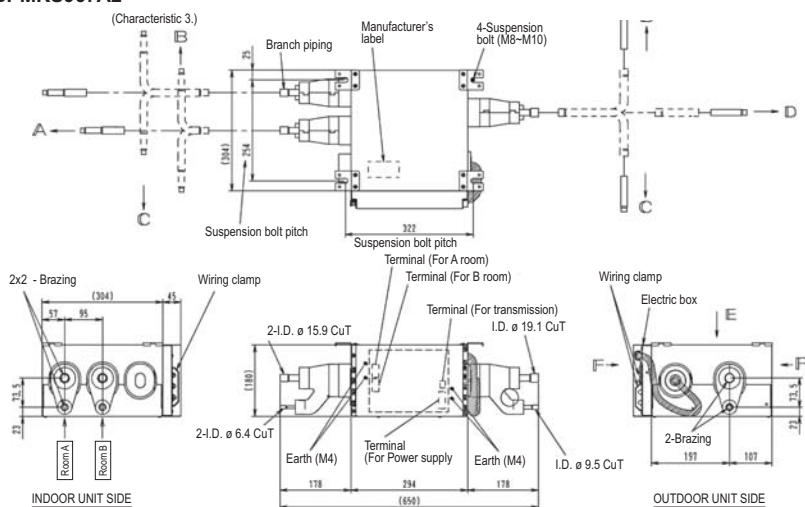
2-2 Electrical Specifications				BPMKS967A2	BPMKS967A3
Power supply	Frequency	Hz		50	
	Voltage	V		230	
Wiring connections	For power supply	Quantity		3	
		Remark		Earth wire included	
	Between outdoor and BP unit	Quantity		2	
		Remark		For DIII transmission	
	Between indoor and BP unit	Quantity		4	
		Remark		Earth wire included	

# 3 Dimensional drawings

## 3 - 1 Dimensional Drawings

3

### BPMKS967A2

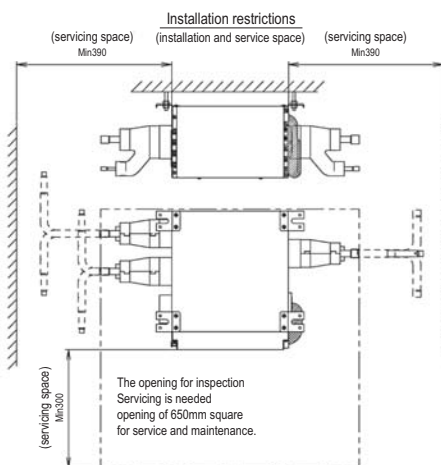
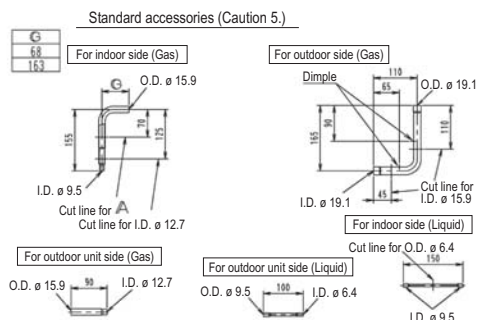
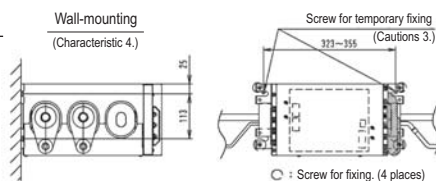


#### NOTES

1. No drain treatment necessary.
2. This unit can be installed so that F or R side faces forward. (it choosed by servicing direction).
3. The piping for the indoor unit and outdoor unit can be freely installed to directions of A, B, C or D.
4. This unit can be installed with either suspending from the ceiling or mounting on wall.

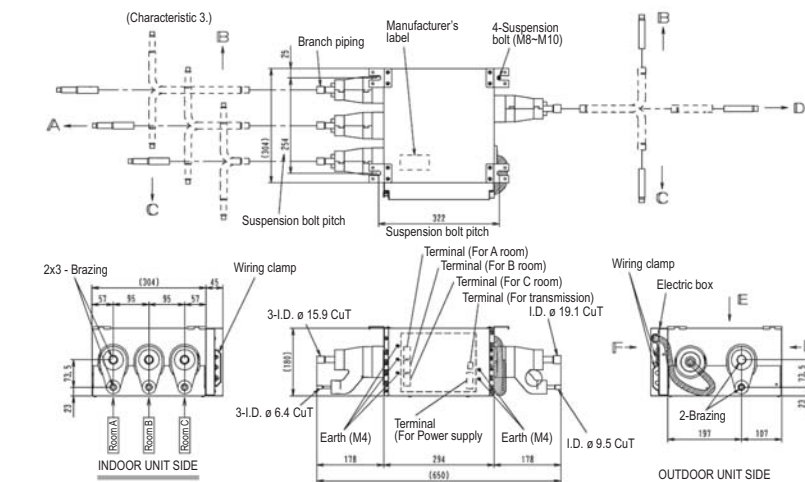
#### CAUTIONS

1. This unit must be installed so that side of E is facing up.
2. The slant of face E must be within  $\pm 5^\circ$  for front and rear, right and left.
3. Before mounting on the wall, installation becomes easy by hanging this unit on screw for temporary fixing. (2 places)
4. At the time of brazing the pipes, wrap the pipes with sufficient wet clothes. And after brazing also, must cool piping enough.
5. Cut the piping of the standard accessories in order to match the indoor unit's piping diameter.



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### BPMKS967A3

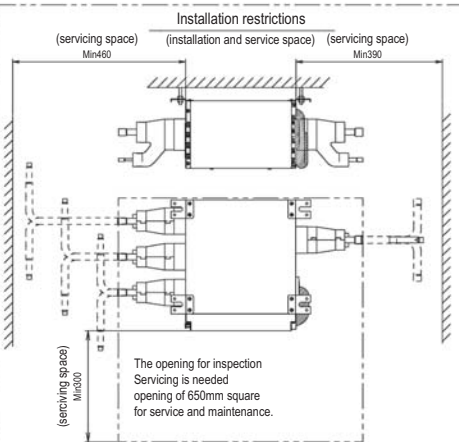
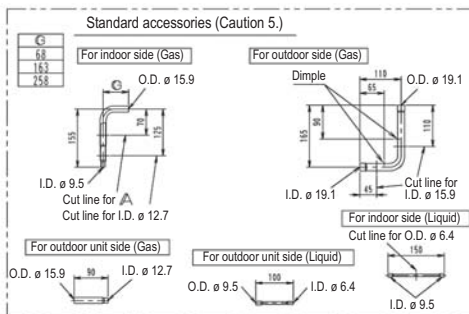
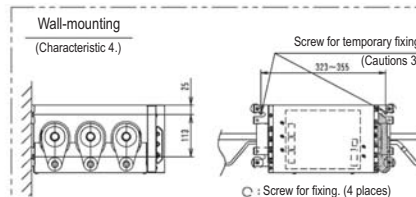


#### NOTES

1. No drain treatment necessary.
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#### CAUTIONS

1. This unit must be installed so that side of E is facing up.
2. The slant of face E must be within  $\pm 5^\circ$  for front and rear, right and left.
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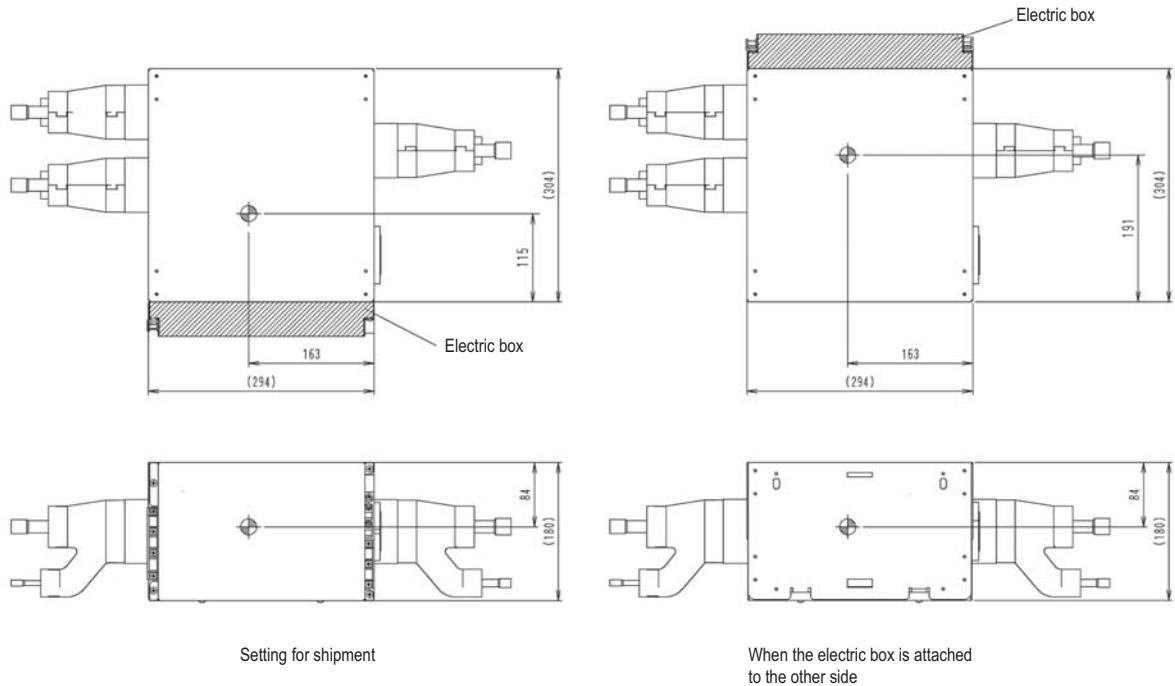
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4

# 4 Centre of gravity

## 4 - 1 Centre of Gravity

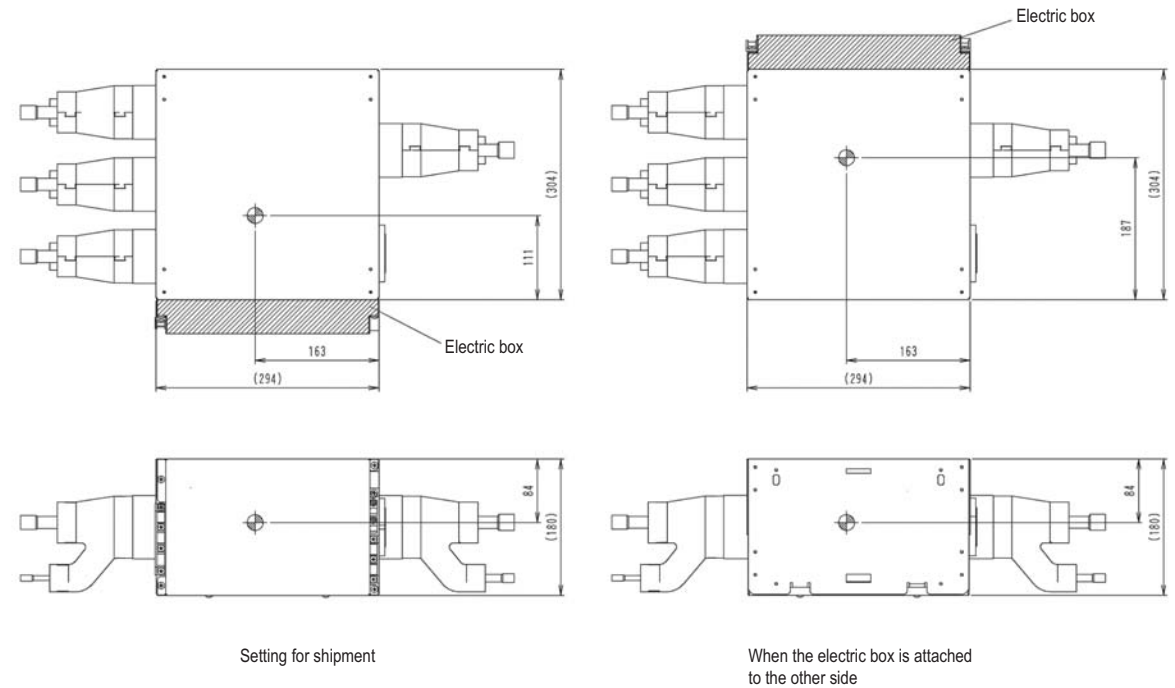
### BPMKS967A2



The center of gravity shifts with the location of the electric box

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### BPMKS967A3



The center of gravity shifts with the location of the electric box

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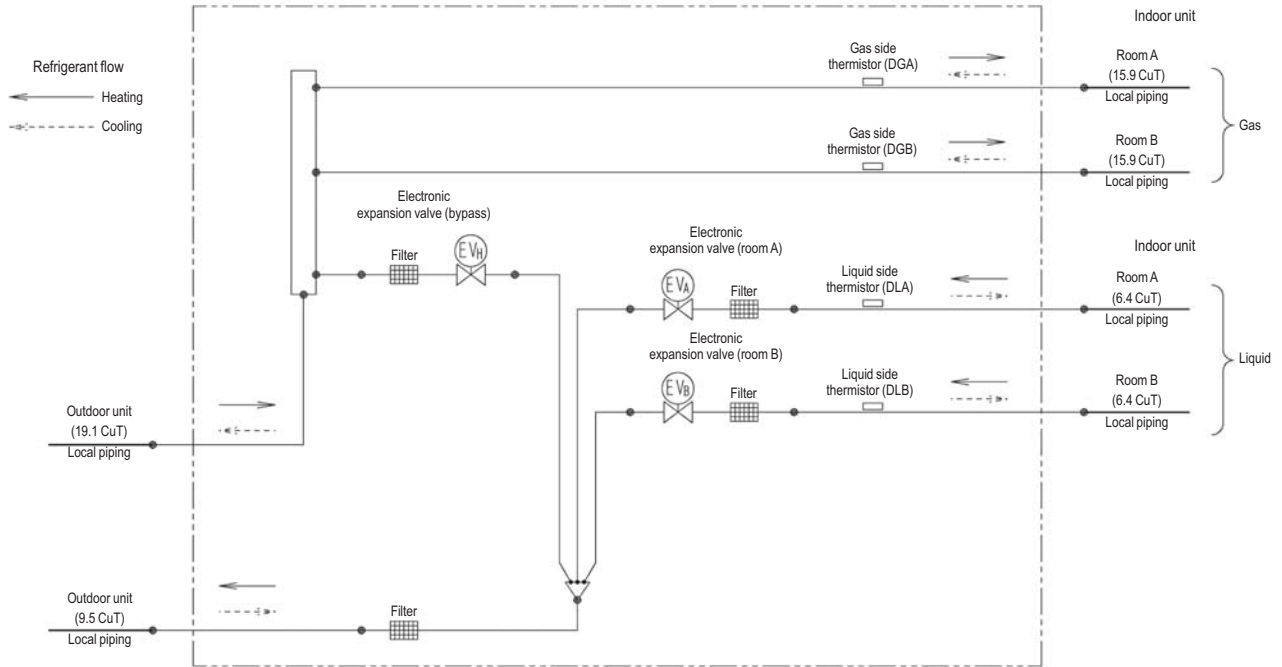


## 5 Piping diagrams

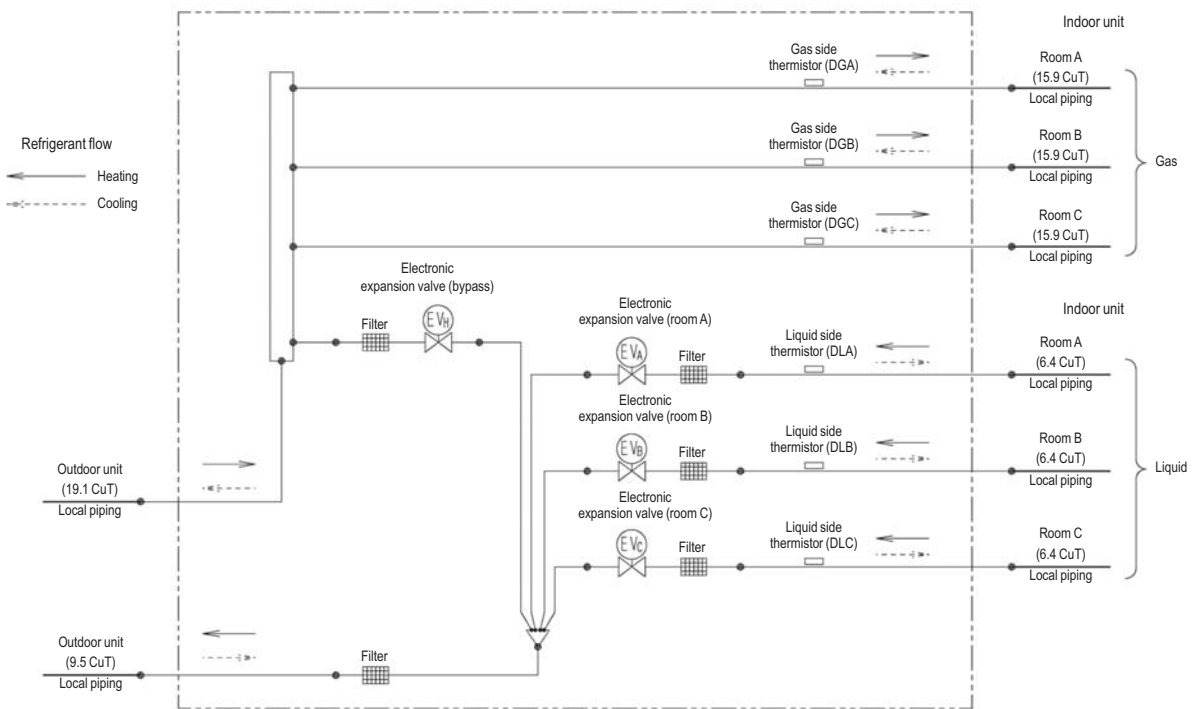
### 5 - 1 Piping Diagrams

5

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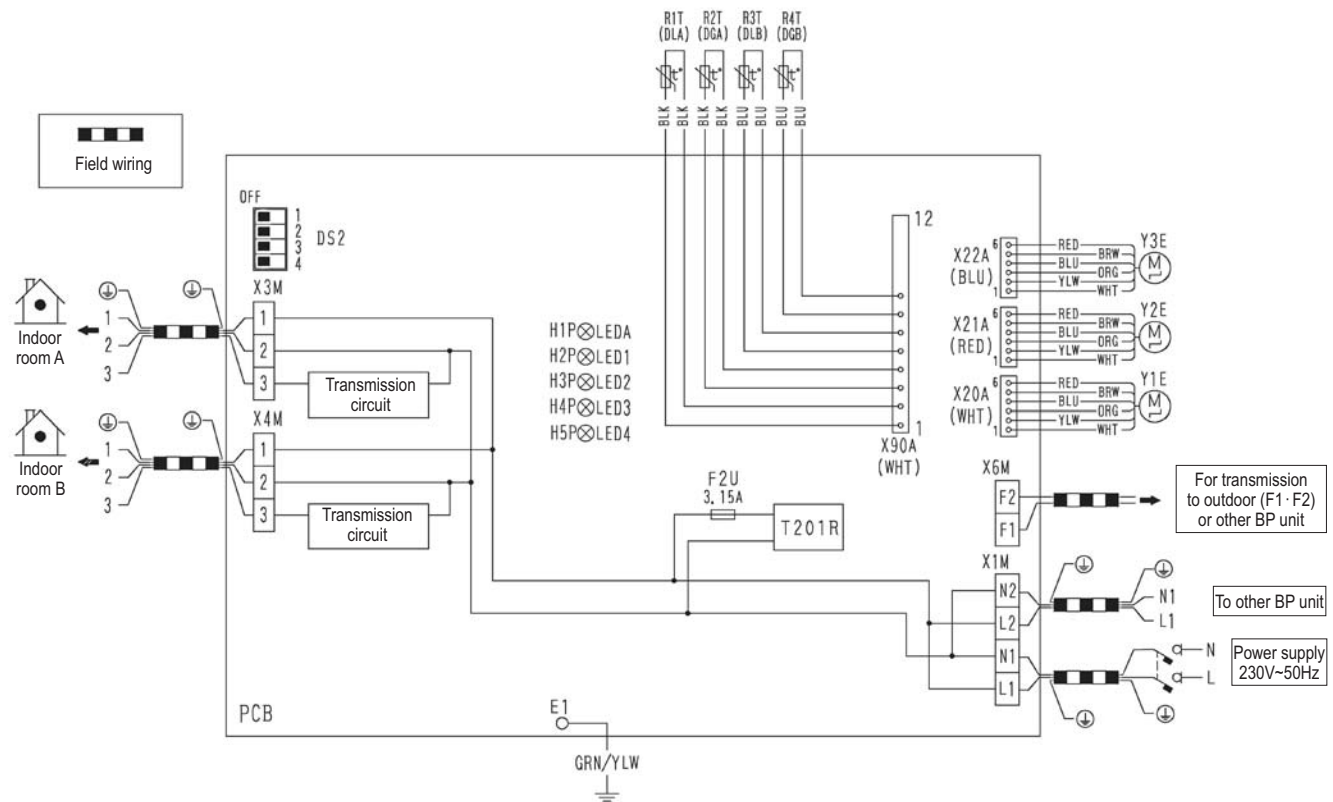
6



## 6 Wiring diagrams

### 6 - 1 Wiring Diagrams - Single Phase

BPMKS967A2



X20A~X22A, X90A	Connector	DS2	Dip switch
PCB	Printed circuit board	T201R	Transformer
F2U	Fuse	X1M, X3M, X4M, X6M	Terminal strip
H1P~H5P	Pilot Lamp	Y1E~Y3E	Motor operated valve coil
R1T~R4T	Thermistor		

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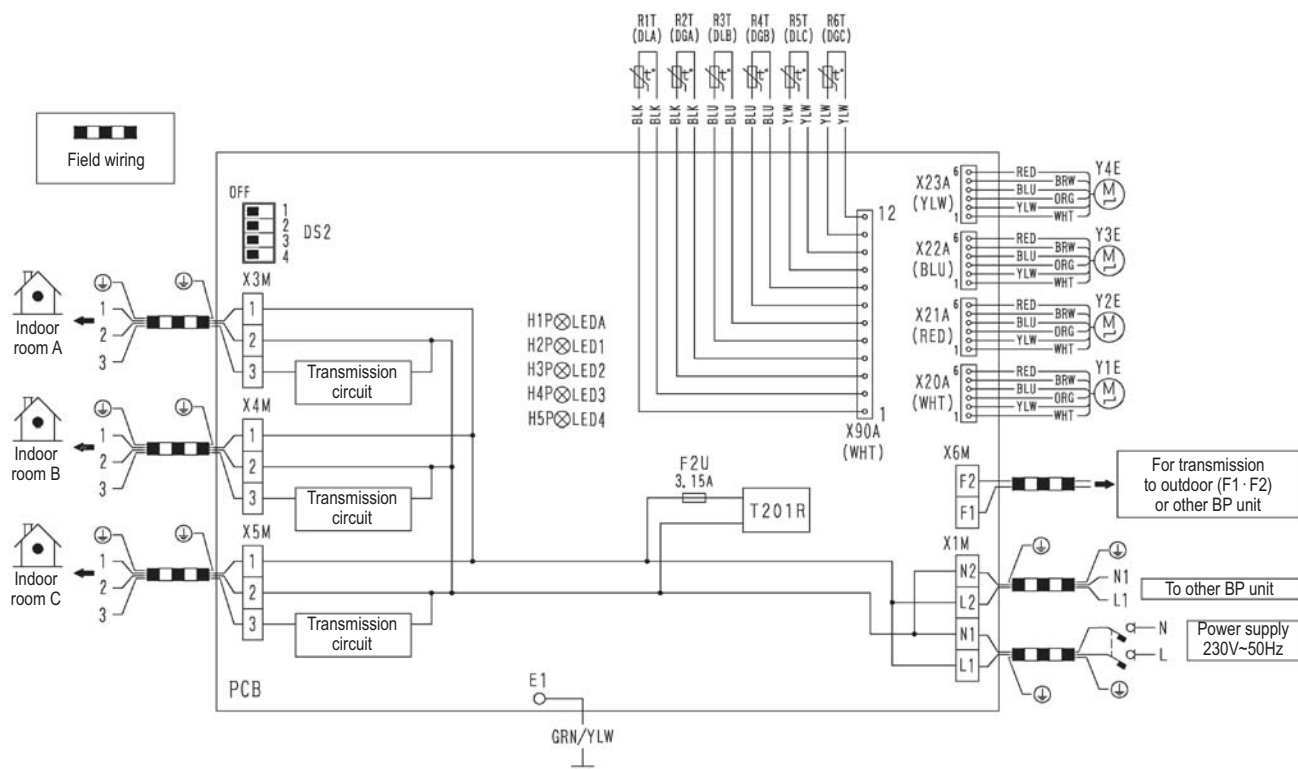
#### NOTES

1. Wiring diagram nameplate size: width 100 x length 150 mm
2. Refer to AS(Y)303002 unless otherwise specified.

## 6 Wiring diagrams

### 6 - 1 Wiring Diagrams - Single Phase

BPMKS967A3

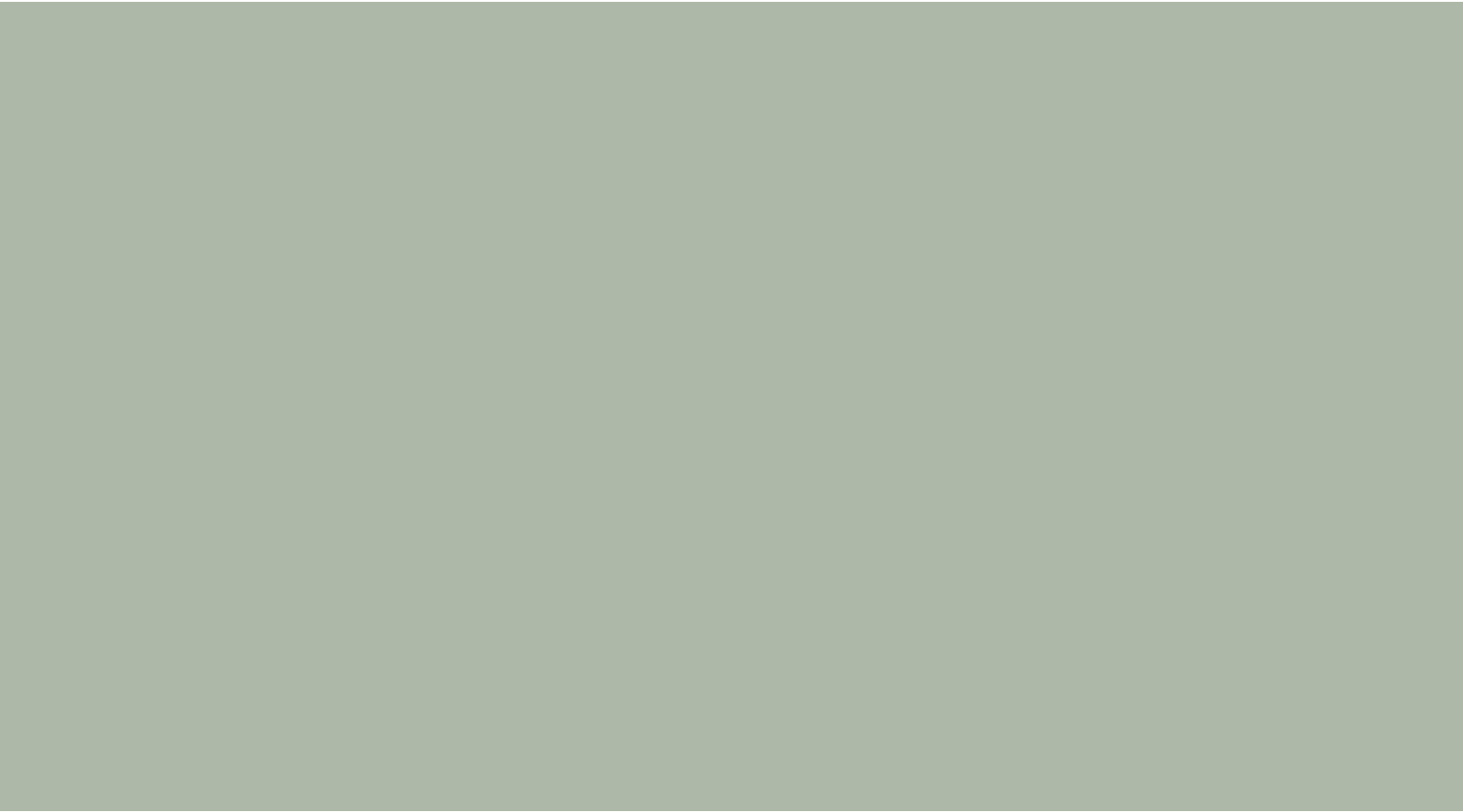


X20A~X23A, X90A	Connector	DS2	Dip switch
PCB	Printed circuit board	T201R	Transformer
F2U	Fuse	X1M, X3M~X6m	Terminal strip
H1P~H5P	Pilot Lamp	Y1E~Y4E	Motor operated valve coil
R1T~R4T	Thermistor		

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#### NOTES

1. Wiring diagram nameplate size: width 100 x length 150 mm
2. Refer to AS(Y)303002 unless otherwise specified.



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