

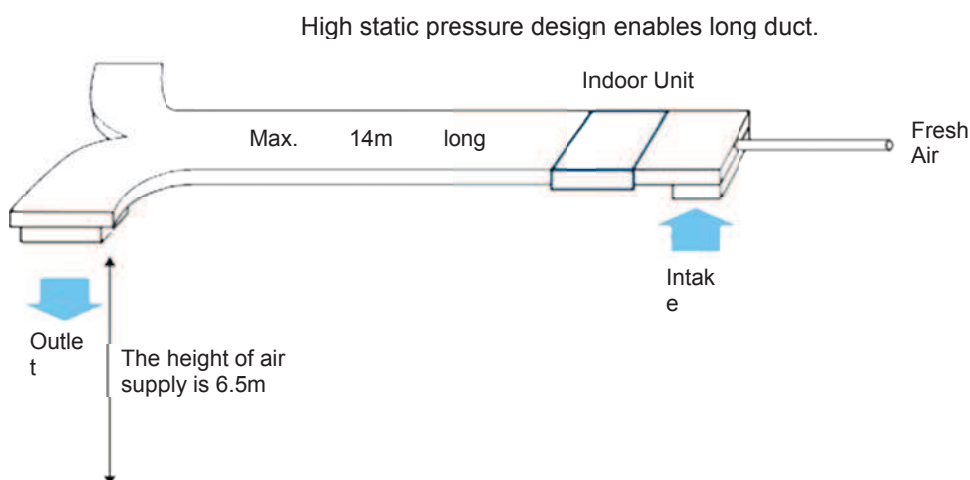
# High Static Pressure Duct

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## 1. Features

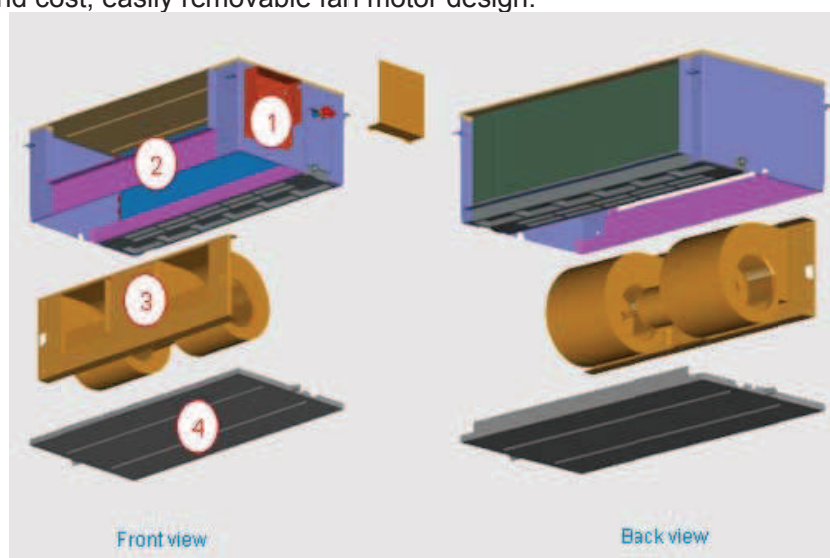
### 1.1 High static pressure design

- Max static pressure of indoor unit is 160Pa.
- The longest distance of air supply is 14m, the max height of air supply is 6.5m.
- Specially recommended for spacious and large rooms like large stores and factories.



### 1.2 Easy maintenance

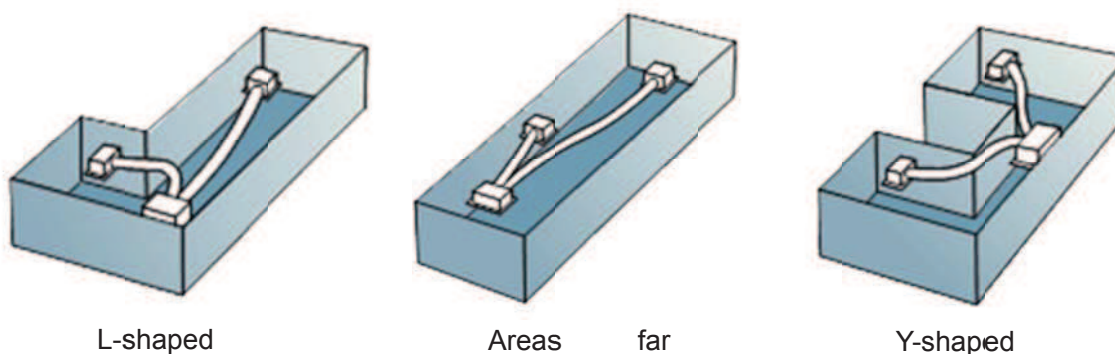
- Reduce time and cost, easily removable fan motor design.



1. Control box
2. Fan casing
3. Motor assembly
4. Bottom panel

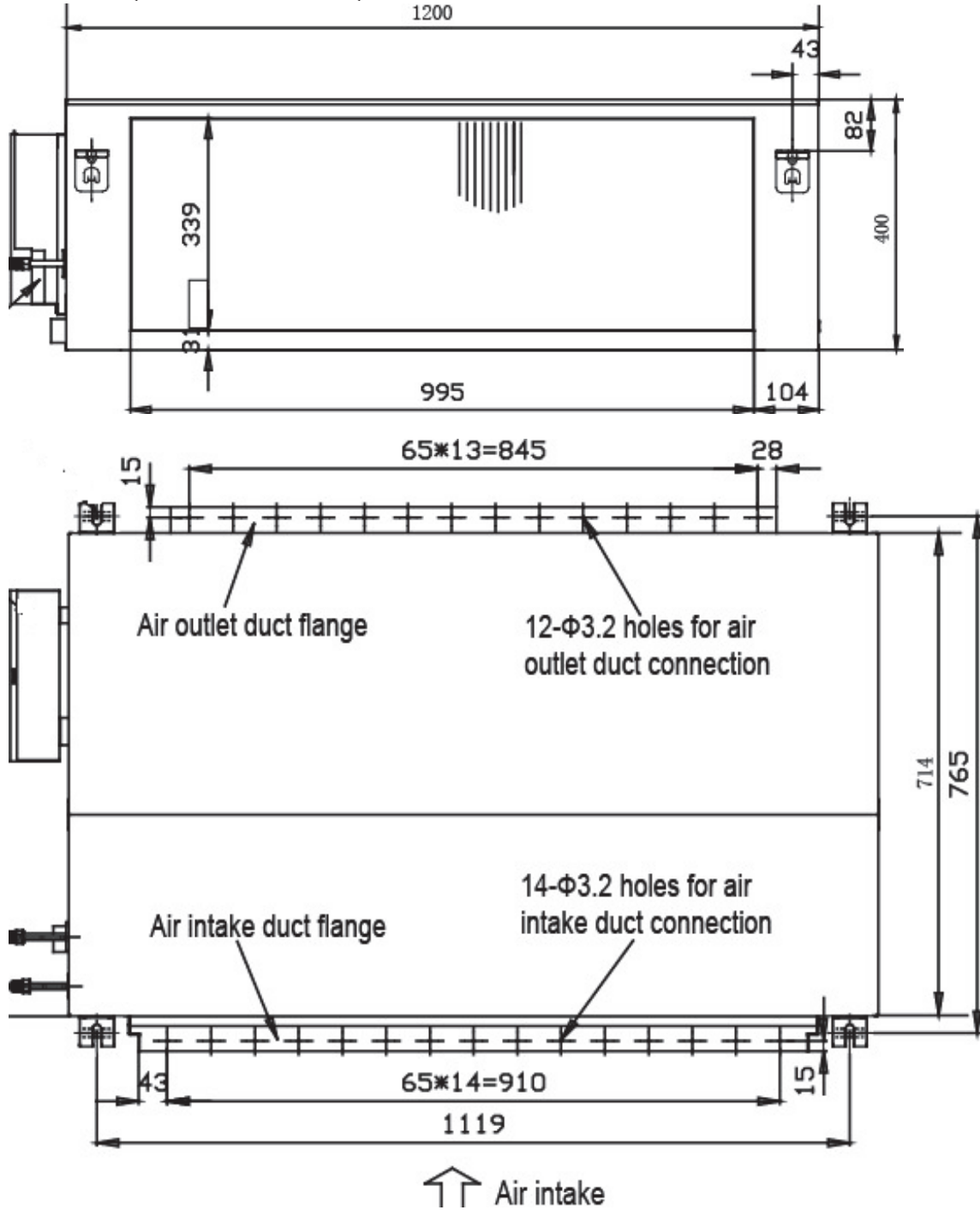
### 1.3 Flexible Installation

- Different solutions for any shape room by using kinds of air distribution ducts.



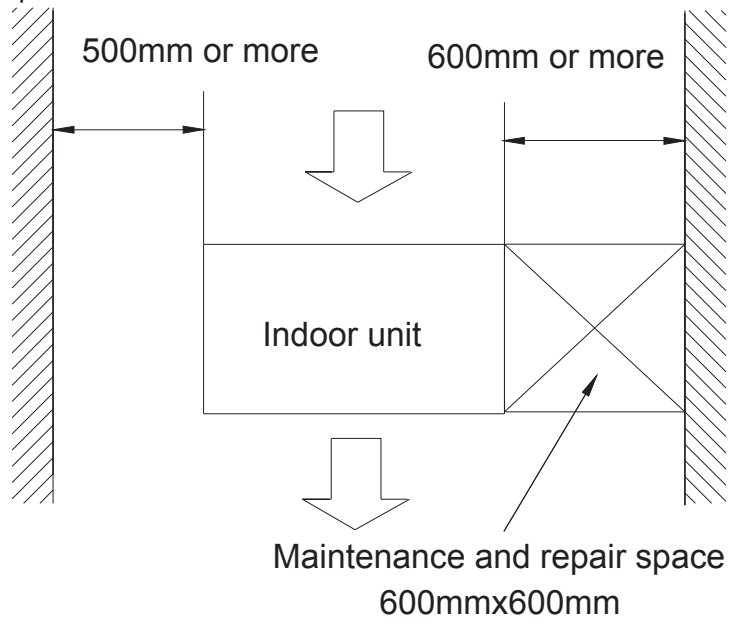
## 2. Dimensions

MHD-36HRDN1-Q MHD-48HRDN1-Q MHD-60HRDN1-R



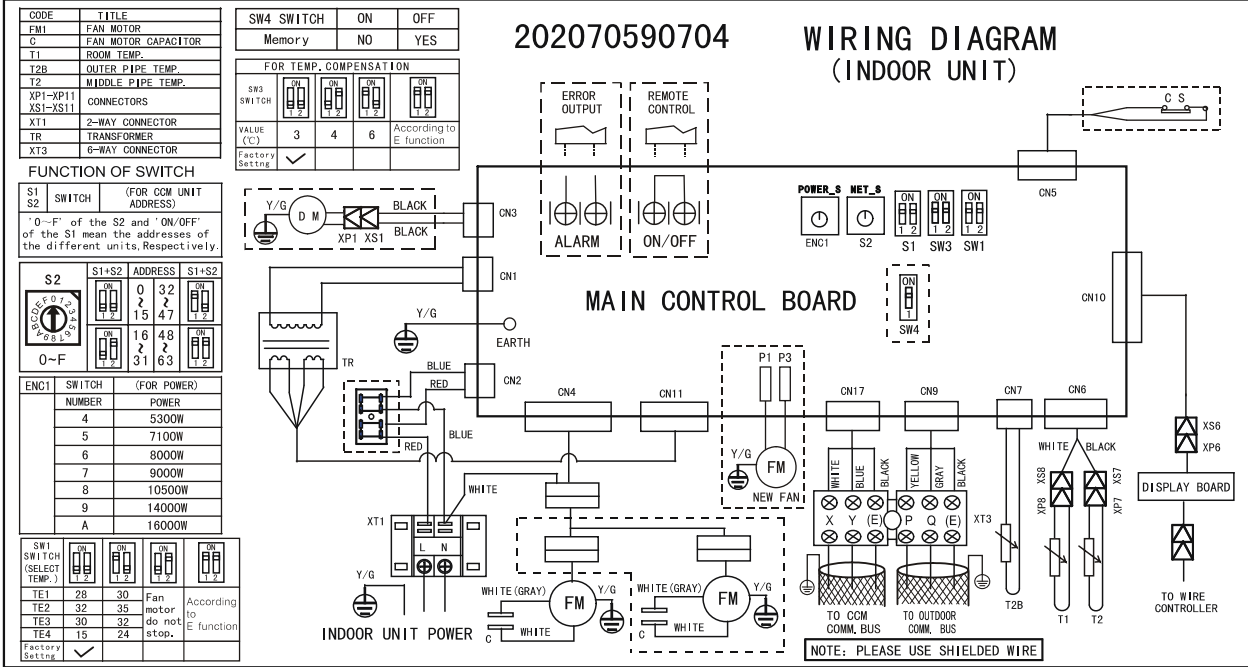
### 3. Service Space

Ensure enough space required for installation and maintenance

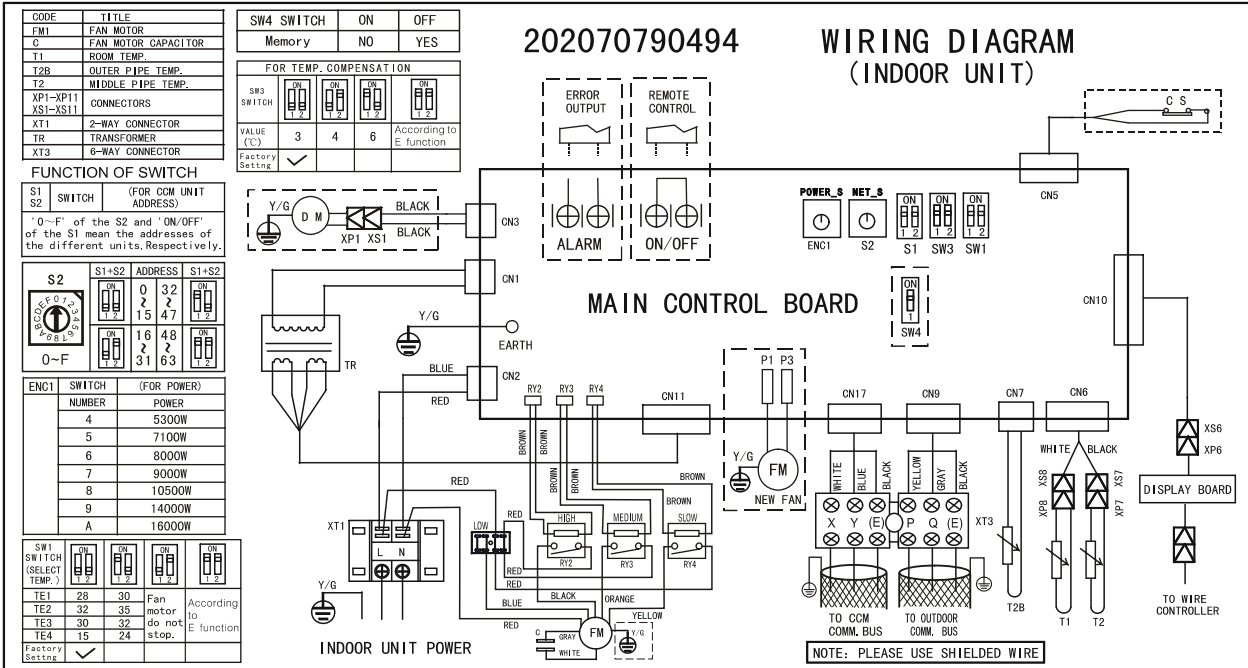


# 4. Wiring Diagrams

## MHD-36HRDN1-Q

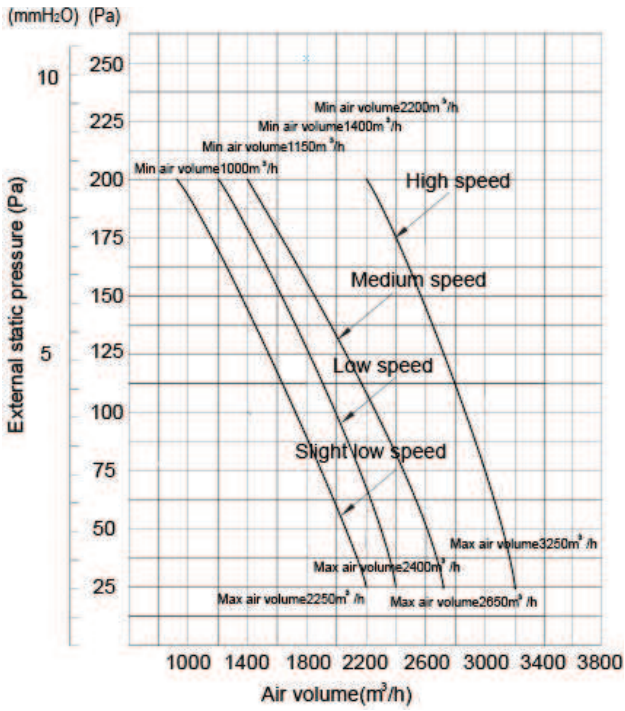


## MHD-48HRDN1-Q MHD-60HRDN1-R

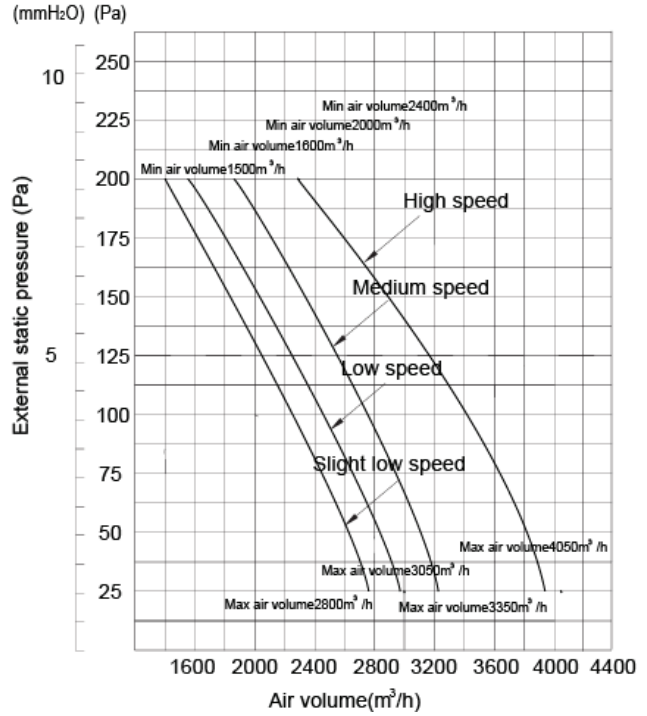


## 5. Fan Performances

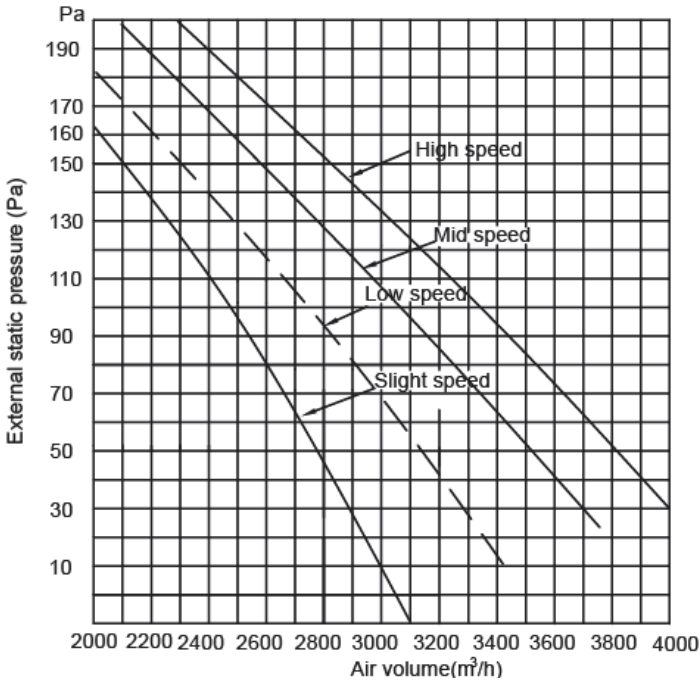
### MHD-36HRDN1-Q



### MHD-48HRDN1-Q



### MHD-60HRDN1-R



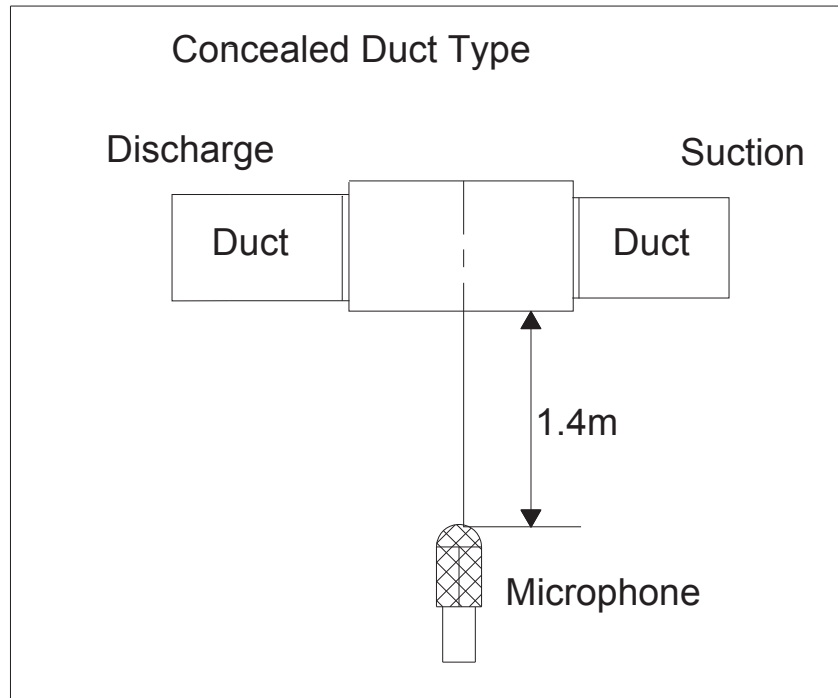
## 6. Electric Characteristics

Model	Indoor Units				Power Supply
	Hz	Voltage	Min.	Max.	MFA
MHD-36HRDN1-Q	50	220-240V	198V	254V	15
MHD-48HRDN1-Q	50	220-240V	198V	254V	15
MHD-60HRDN1-R	50	220-240V	198V	254V	15

Note:













MFA: Max. Fuse Amps. (A)

## 7. Sound Levels



Model	Noise level dB(A)		
	H	M	L
MHD-36HRDN1-Q	52	47	45
MHD-48HRDN1-Q	55	52	48
MHD-60HRDN1-R	55	52	45

## 8. Accessories

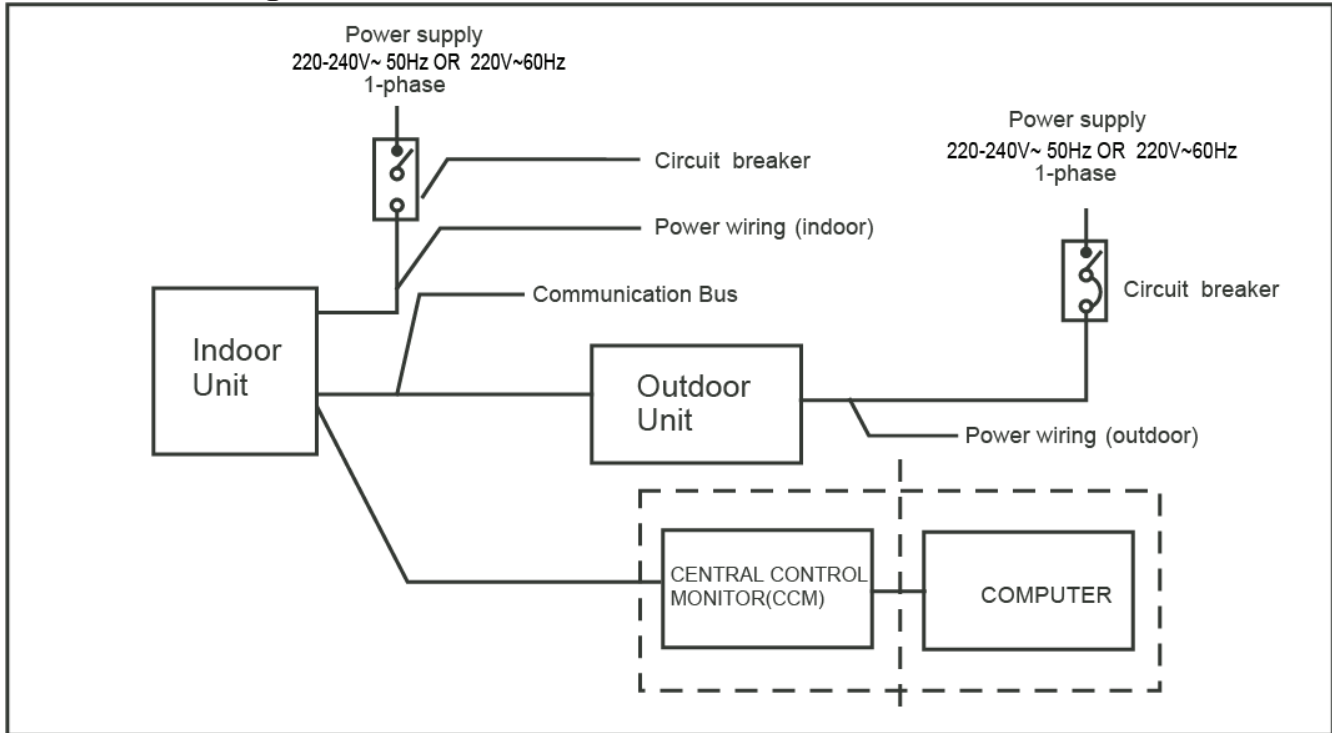
	Name	Shape	Quantity
Tubing & Fittings	1. Soundproof/ insulation sheath		2
	2. Binding tape		1
Drainpipe Fittings	3. Drain joint		1
	4. Seal ring		1
Wireless Remote controller & Its Frame	5. Wireless Remote controller		1
	6. Frame		1
	7. Mounting screw(ST2.9×10-C-H)		2
	8. Alkaline dry batteries (AM4)		2
Others	9. Install spring		2
	10. Installation manual		1
	11. User's manual		1
	12. Wireless Remote controller manual		1



## 9. The Specification of Power

Model		36000Btu/h	48000Btu/h	60000 Btu/h	36000Btu/h	48000-60000Btu/h
INDOOR UNIT POWER	Phase	1-phase	1-phase	1-phase	1-phase	1-phase
	Frequency and Voltage	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
	POWER WIRING (mm <sup>2</sup> )	3×1.0	3×1.0	3×1.0	3×1.0	3×1.0
	CIRCUIT BREAKER /FUSE (A)	15/10	15/10	15/10	15/10	15/10
OUTDOOR UNIT POWER	Phase	1-phase	1-phase	1-phase	3-phase	3-phase
	Frequency and Voltage	220-240V, 50H	220-240V, 50H	220-240V, 50H	380-415V, 50H	380-415V, 50H
	POWER WIRING (mm <sup>2</sup> )	3×4.0	3×4.0	3×4.0	5×2.5	5×2.5
	CIRCUIT BREAKER /FUSE(A)	40/30	40/35	50/40	30/20	30/25
Indoor/Outdoor Connecting Wiring(Weak Electric Signal) (mm <sup>2</sup> )		3×0.5	3×0.5	3×0.5	3×0.5	3×0.5
Indoor/Outdoor Connecting Wiring(Strong Electric Signal) (mm <sup>2</sup> )		————	————	————	————	————

# 10. Field Wiring



## Air Condition Link-Circuit

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