

High-Wall Type

MMK-UP0031HP-E / TR

MMK-UP0051HP-E / TR

MMK-UP0071HP-E / TR

MMK-UP0091HP-E / TR

MMK-UP0121HP-E / TR

MMK-UP0151HP-E / TR

MMK-UP0181HP-E / TR

MMK-UP0241HP-E / TR

MMK-UP0271HP-E / TR

MMK-UP0301HP-E / TR

MMK-UP0361HP-E / TR



MMK-UP0031HPL-E

MMK-UP0051HPL-E

MMK-UP0071HPL-E

MMK-UP0091HPL-E

MMK-UP0121HPL-E

MMK-UP0151HPL-E

MMK-UP0181HPL-E

MMK-UP0241HPL-E

Contents

1. Specifications.....	2
2. Dimensions.....	5
3. Center of gravity.....	8
4. Piping diagram.....	10
5. Wiring diagram.....	11
6. Electrical characteristics.....	13
7. Sensible capacity table.....	14
8. Air throw distance chart.....	17
9. Sound characteristics (NC curve).....	21
10. Accessories.....	26

1. Specification

Model name			MMK-UP0031HP-E / TR UP0031HPL-E	UP0051HP-E / TR UP0051HPL-E	UP0071HP-E / TR UP0071HPL-E	UP0091HP-E / TR UP0091HPL-E	UP0121HP-E / TR UP0121HPL-E
Power supply			1 ph 230V (220-240V) ~ 50 Hz & 1 ph 220V (208-230V) ~ 60 Hz				
Cooling capacity (*1)		(kW)	0.9	1.7	2.2	2.8	3.6
Heating capacity (*1)		(kW)	1.3	1.9	2.5	3.2	4.0
Running current		(A)	0.15	0.15	0.16	0.17	0.18
Power consumption		(kW)	0.015	0.015	0.015	0.016	0.017
Starting current		(A)	0.19	0.19	0.20	0.21	0.22
FCU dimension		Height (mm)	293				
		Width (mm)	798				
		Depth (mm)	230				
Total weight		(kg)	11				
Heat exchangere			Finned tube				
Soundproof / Heat-insulation material			Non-flammable insulation				
Fan			Cross Flow Fan				
Air flow volume	Indoor unit (H/M/L)	(m³/h)	455 / 370 / 270	455 / 370 / 270	480 / 385 / 270	510 / 395 / 270	540 / 410 / 270
Sound pressure	Indoor unit (H/M/L)	dB(A)	33 / 29 / 25	33 / 29 / 25	35 / 30 / 25	36 / 31 / 25	37 / 32 / 25
Motor output		(W)	30.00				
Conecting pipe	Gas side	(mm)	ø 9.52				
	Liquid side	(mm)	ø 6.35				
	Drain pipe	(mm)	16 (Polyvinyl chloride tube)				
Operating Range for SMMS-u	Cooling	(°C)	5 ~ 46 - 52 (*2)				
	Heating	(°C)	-10 ~ 46				

(*1) Rated testing conditions Cooling : Indoor air temperature 27 °C DB/ 19°C WB, Outdoor 35 °C DB

Heating : Indoor air temperature 20 °C DB, Outdoor 7°C DB / 6°C WB

(*2) 46-52 °C is also available but temporary operate

Model name		MMK-	UP0151HP-E / TR UP0151HPL-E	UP0181HP-E / TR UP0181HPL-E	UP0241HP-E / TR UP0241HPL-E
Power supply			1 ph 230V (220-240V) ~ 50 Hz & 1 ph 220V (208-230V) ~ 60 Hz		
Cooling capacity (*1)	(kW)		4.5	5.6	7.1
Heating capacity (*1)	(kW)		5.0	6.3	8.0
Running current	(A)		0.26	0.29	0.40
Power consumption	(kW)		0.028	0.032	0.050
Starting current	(A)		0.35	0.38	0.50
FCU dimension	Height	(mm)	320		
	Width	(mm)	1050		
	Depth	(mm)	250		
Total weight	(kg)		16		
Heat exchangere			Finned tube		
Soundproof / Heat-insulation material			Non-flammable insulation		
Fan			Cross Flow Fan		
Air flow volume	Indoor unit (H/M/L)	(m³/h)	840 / 690 / 550	900 / 720 / 550	1200 / 900 / 600
Sound pressure	Indoor unit (H/M/L)	dB(A)	40 / 36 / 32	41 / 37 / 32	45 / 39 / 33
Motor output		(W)	30		
Conecting pipe	Gas side	(mm)	ø 12.70		ø 15.88
	Liquid side	(mm)	ø 6.35		ø 9.53
	Drain pipe	(mm)	16 (Polyvinyl chloride tube)		
Operating Range for SMMS-u	Cooling	(°C)	5 ~ 46 - 52 (*2)		
	Heating	(°C)	-10 ~ 46		

(*1) Rated testing conditions Cooling : Indoor air tempreature 27 °C DB/ 19°C WB, Outdoor 35 °C DB

Heating : Indoor air tempreature 20 °C DB, Outdoor 7°C DB / 6°C WB

(*2) 46-52 °C is also availabel but temporary oparate

Model name			MMK-	UP0271HP-E/TR	UP0301HP-E/TR	UP0361HP-E/TR
Power supply				1 ph 230V (220-240V) ~ 50 Hz & 1 ph 220V (208-230V) ~ 60 Hz		
Cooling capacity (*1)			(kW)	8.0	9.0	11.2
Heating capacity (*1)			(kW)	9.0	10.0	12.5
Running current			(A)	0.30	0.46	0.56
Power consumption			(kW)	0.034	0.054	0.066
Starting current			(A)	0.34	0.50	0.60
FCU dimension		Height	(mm)	348		
		Width	(mm)	1200		
		Depth	(mm)	280		
Total weight			(kg)	21		
Heat exchangere				Finned tube		
Soundproof / Heat-insulation material				Non-flammable insulation		
Fan				Cross Flow Fan		
Air flow volume	Indoor unit (H/M/L)	(m3/h)	1200 / 1000 / 800	1500 / 1300 / 1100	1650 / 1350 / 1250	
Sound pressure	Indoor unit (H/M/L)	dB(A)	44 / 41 / 39	48 / 44 / 41	50 / 45 / 43	
Motor output			(W)	61		
Sound power	Indoor unit (H)	dB(A)	60	63	65	
Conecting pipe	Gas side	(mm)	ø 15.88			
	Liquid side	(mm)	ø 9.53			
	Drain pipe	(mm)	16 (Polyvinyl chloride tube)			
Operating Range for SMMS-u	Cooling	(°C)	-10 to 52			
	Heating	(°C)	-25.0 to 15.5			

(*1) Rated testing conditions

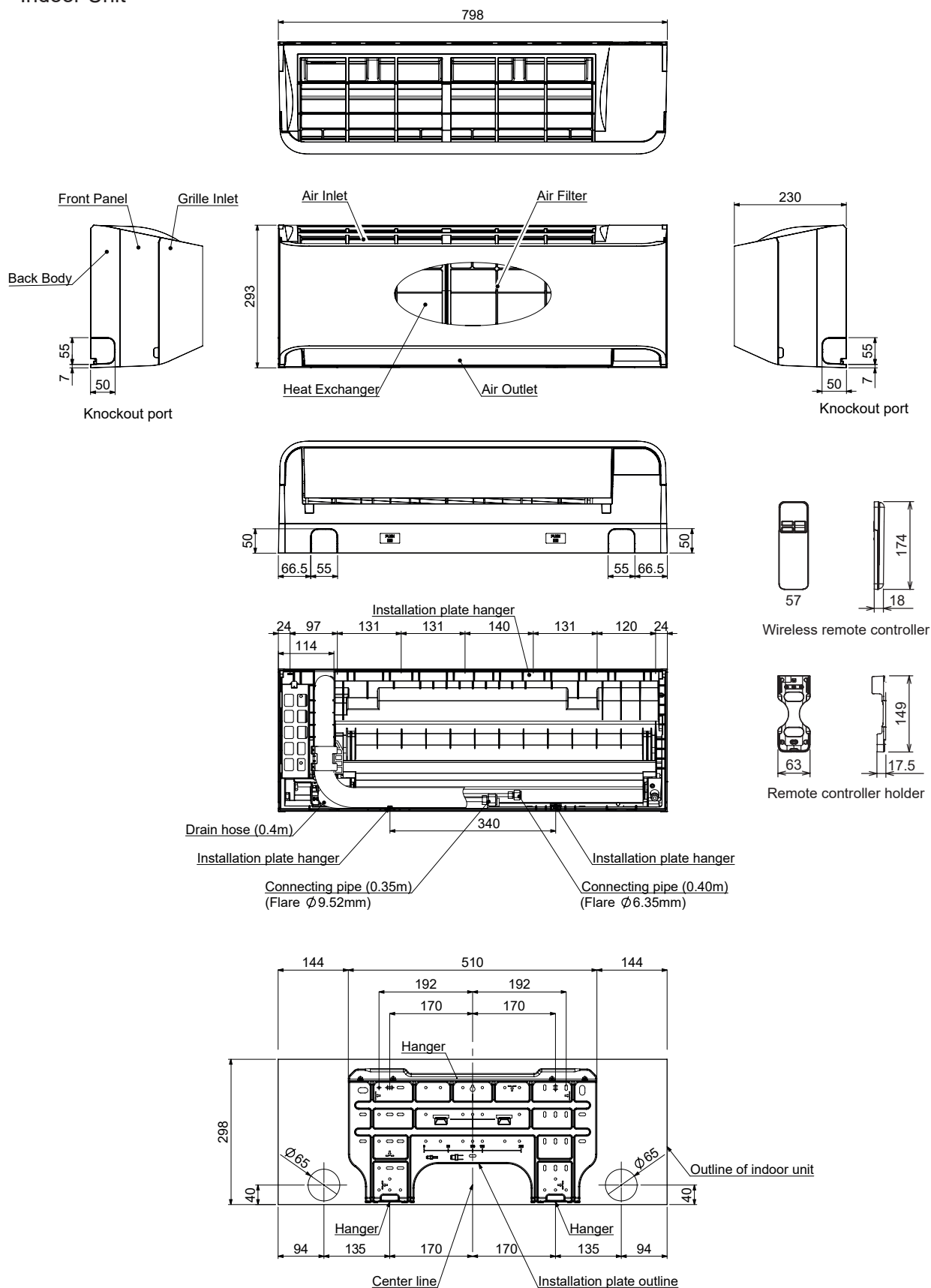
Cooling : Indoor air temperature 27 °C DB/ 19°C WB, Outdoor 35 °C DB

Heating : Indoor air temperature 20 °C DB, Outdoor 7°C DB / 6°C WB

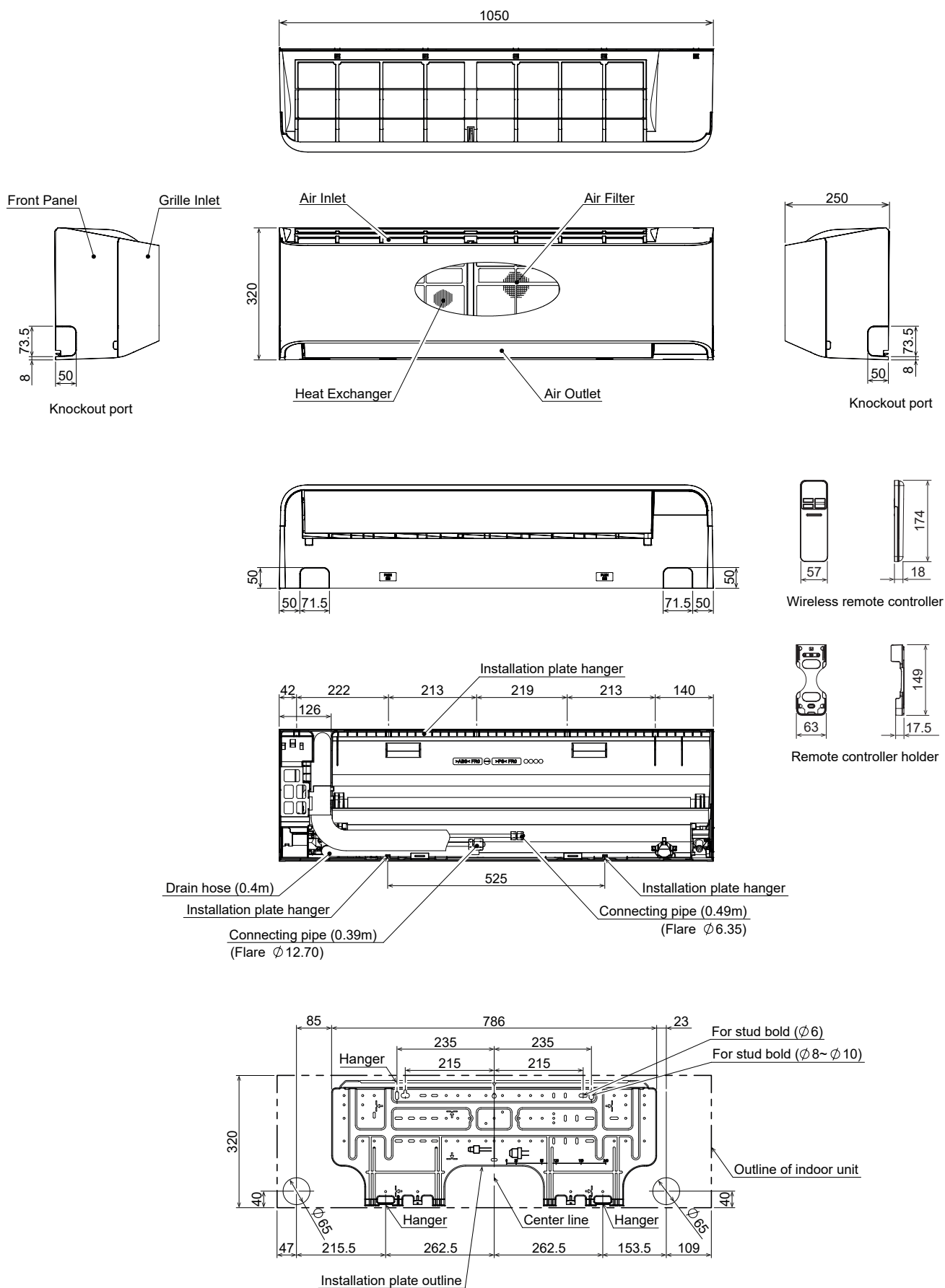
2. Dimension

MMK-UP0031HP(L)* / MMK-UP0051HP(L)* / MMK-UP0071HP(L)* / MMK-UP0091HP(L)* / MMK-UP0121HP(L)*

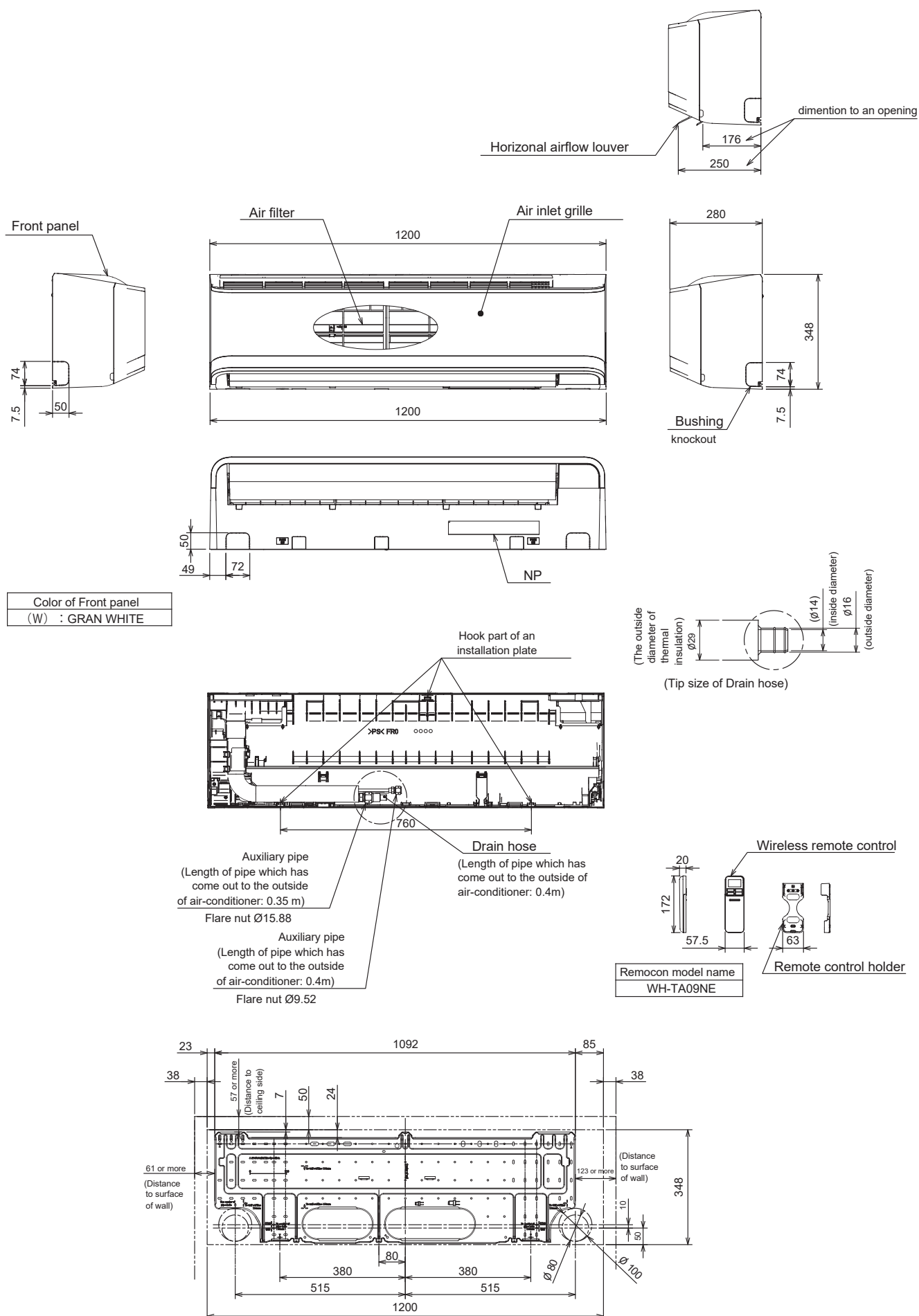
Indoor Unit



MMK-UP0151HP(L)* / MMK-UP0181HP(L)* / MMK-UP0241HP(L)*

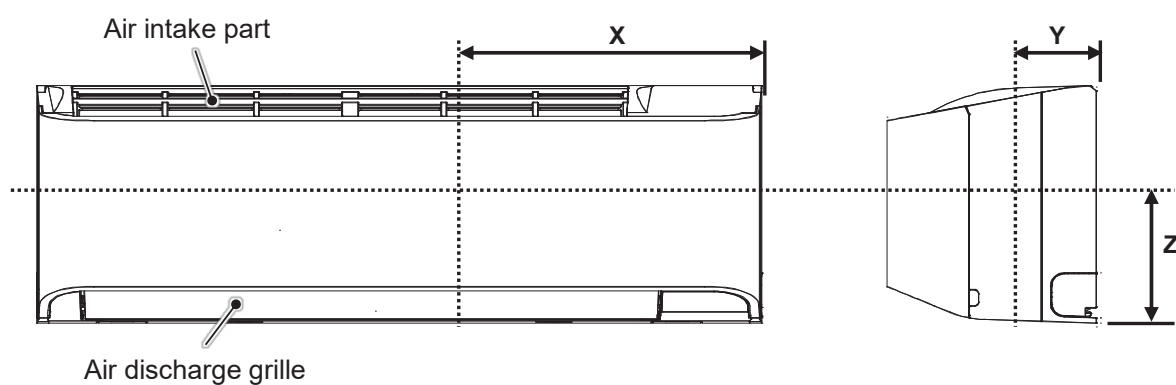


MMK-UP0271HP* / MMK-UP0301HP* / MMK-UP0361HP*

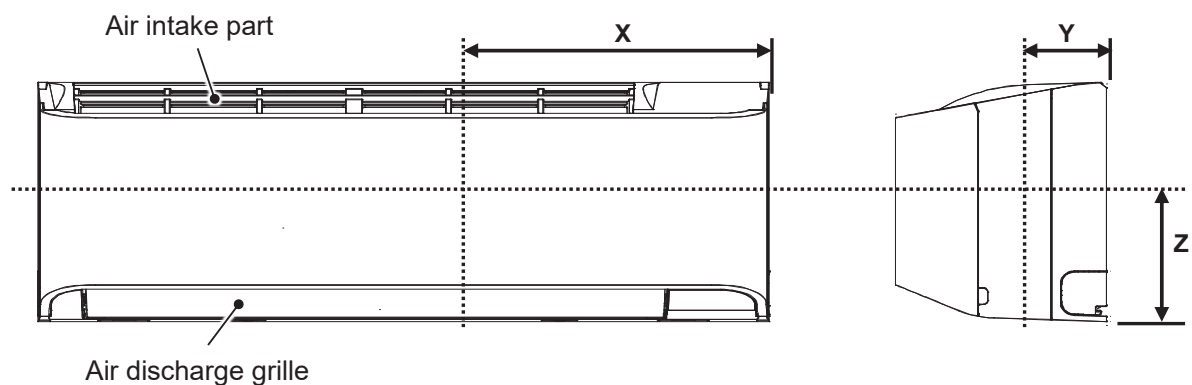


3. Center of gravity

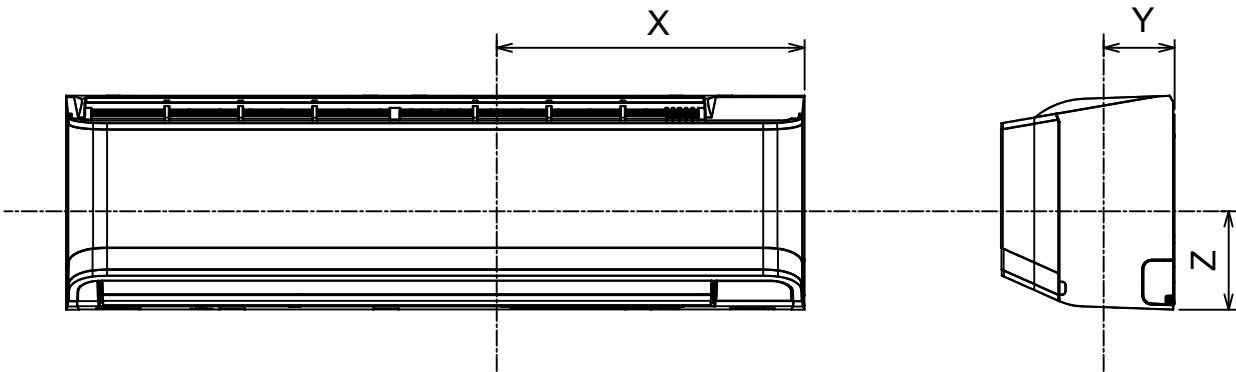
Model name	X (mm)	Y (mm)	Z (mm)	Total weight (kg)
MMK-UP0031HP-E / TR MMK-UP0031HPL-E	335	110	150	11
MMK-UP0051HP-E / TR MMK-UP0051HPL-E				
MMK-UP0071HP-E / TR MMK-UP0071HPL-E				
MMK-UP0091HP-E / TR MMK-UP0091HPL-E				
MMK-UP0121HP-E / TR MMK-UP0121HPL-E				



Model name	X (mm)	Y (mm)	Z (mm)	Total weight (kg)
MMK-UP0151HP-E / TR MMK-UP0151HPL-E	425	120	125	16
MMK-UP0181HP-E / TR MMK-UP0181HPL-E				
MMK-UP0241HP-E / TR MMK-UP0241HPL-E				

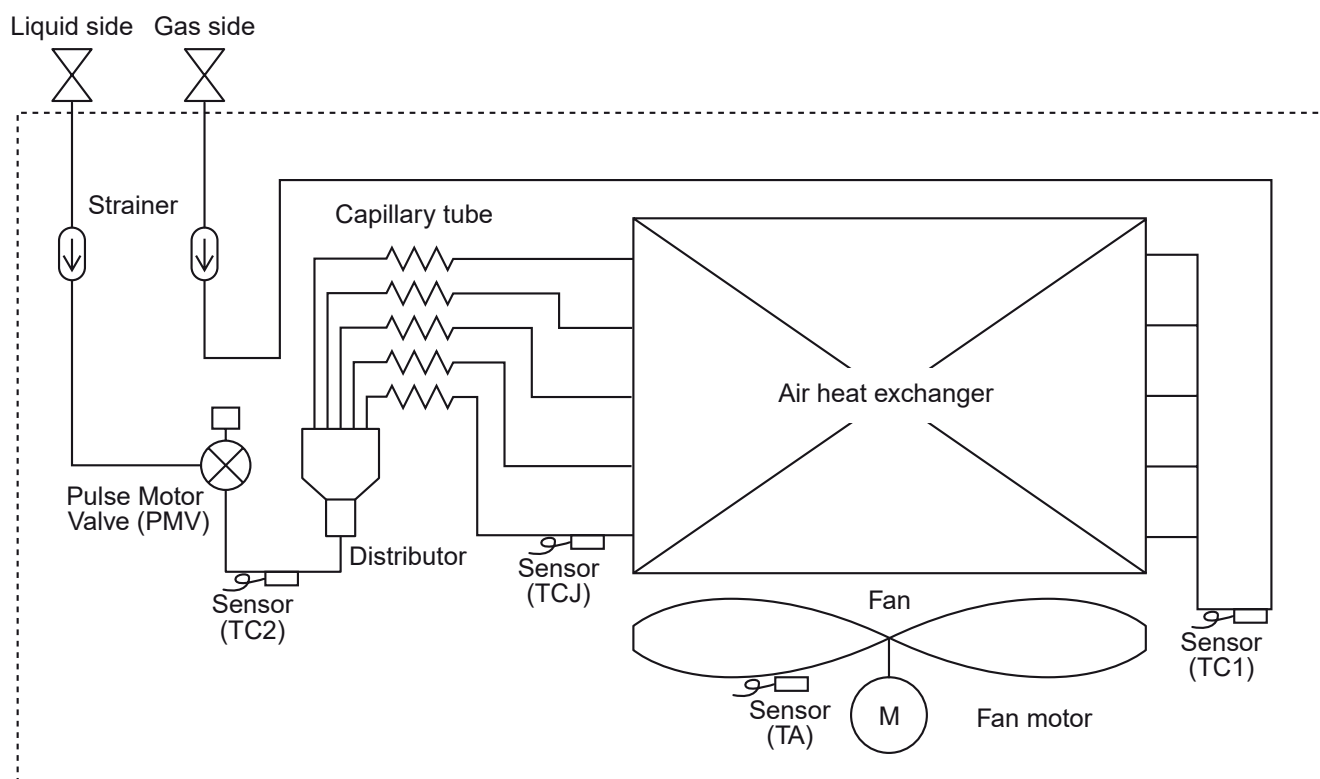


Model name	X (mm)	Y (mm)	Z (mm)	Total weight (kg)
MMK-UP0271HP-E / TR	500	115	160	21
MMK-UP0301HP-E / TR				
MMK-UP0361HP-E / TR				



4. Piping diagram

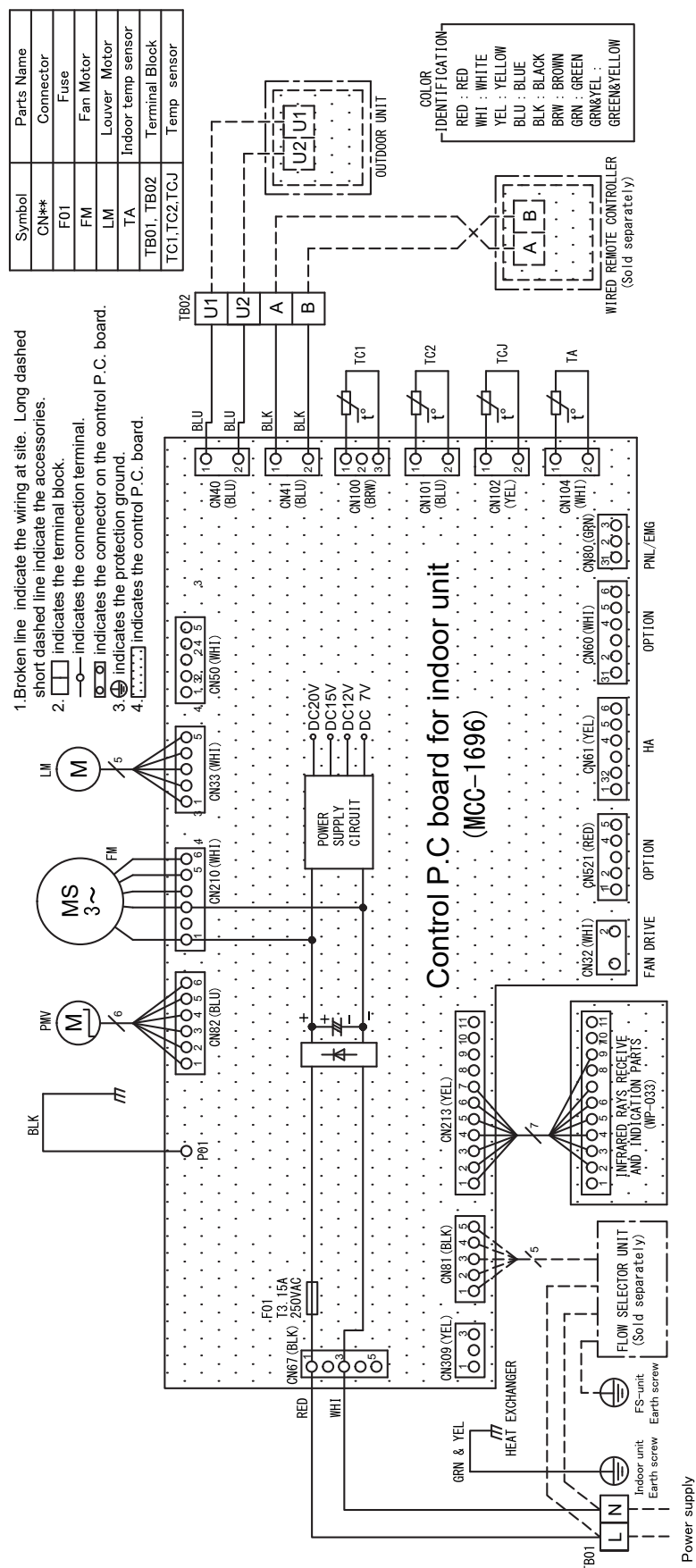
MMK-UP0031HP(L)* / MMK-UP0051HP(L)* / MMK-UP0071HP(L)* / MMK-UP0091HP(L)* / MMK-UP0121HP(L)* /
MMK-UP0151HP(L)* / MMK-UP0181HP(L)* / MMK-UP0241HP(L)* / MMK-UP0271HP* / MMK-UP0301HP* /
MMK-UP0361HP*



Functional part name		Functional outline
Pulse Motor Valve	PMV	(Connector CN82 (6P): Blue) 1) Controls super heat in cooling operation 2) Controls under cool in heating operation 3) Recovers refrigerant oil in cooling operation 4) Recovers refrigerant oil in heating operation
Temp. sensor	1. TA	(Connector CN104 (2P): White) 1) Detects indoor suction temperature
	2. TC1	(Connector CN100 (3P): Brown) 1) Controls PMV super heat in cooling operation
	3. TC2	(Connector CN101 (2P): Blue) 1) Controls PMV under cool in heating operation
	4. TCJ	(Connector CN102 (2P): Yellow) 1) Controls PMV super heat in cooling operation

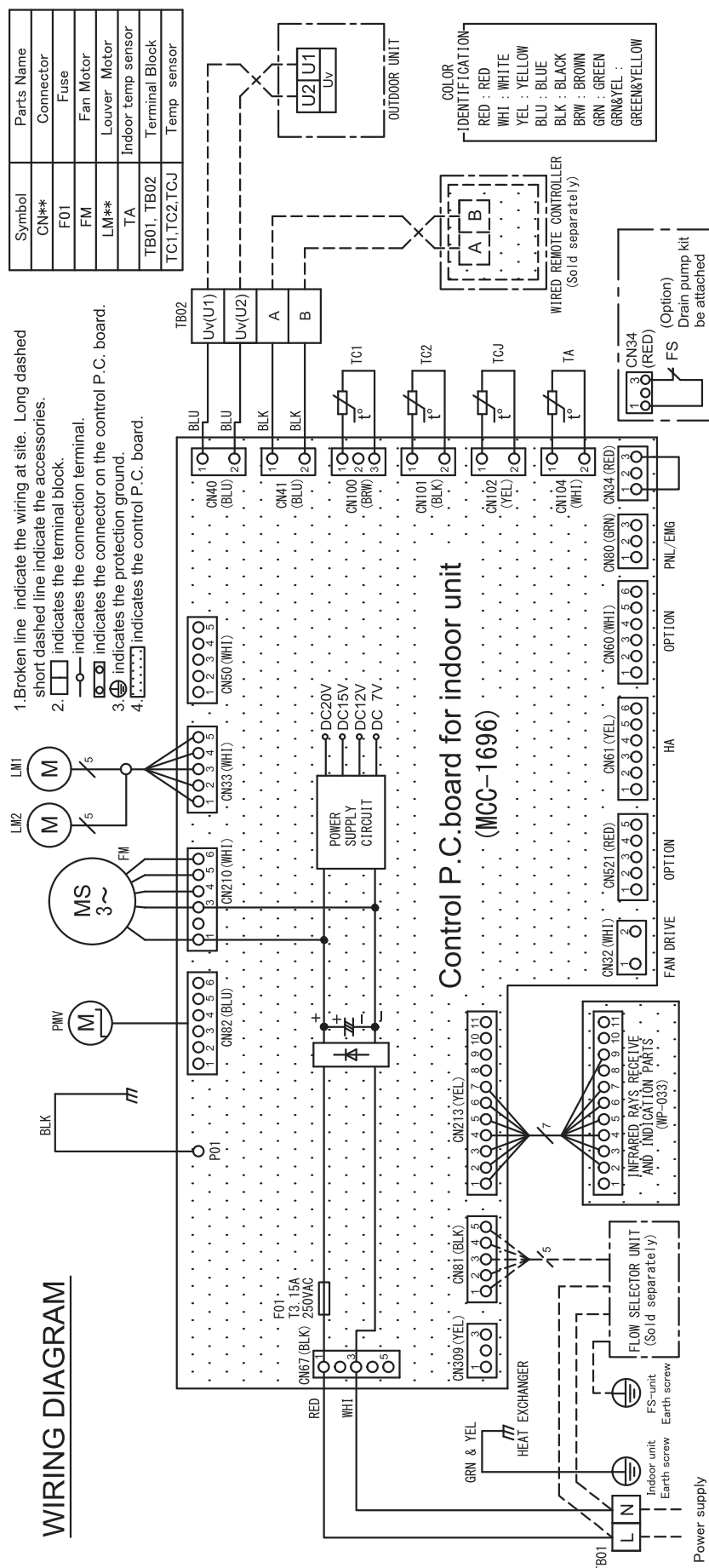
5. Wiring diagram

MMK-UP0031HP(L)* / MMK-UP0051HP(L)* / MMK-UP0071HP(L)* / MMK-UP0091HP(L)* / MMK-UP0121HP(L)* /
MMK-UP0151HP(L)* / MMK-UP0181HP(L)* / MMK-UP0241HP(L)*



MMK-UP0271HP* / MMK-UP0301HP* / MMK-UP0361HP*

WIRING DIAGRAM



6. Electrical characteristics

50 Hz

Type	Model	Nominal Voltage	Voltage Range		Fan Motor		Power Supply	
		(V-Ph-Hz)	Min	Max	kW	FLA	MCA	MOCP
High Wall Type	MMK-UP0031HP-E / TR MMK-UP0031HPL-E	230 -1-50	198	264	0.030	0.16	0.21	15
	MMK-UP0051HP-E / TR MMK-UP0051HPL-E	230 -1-50	198	264	0.030	0.16	0.21	15
	MMK-UP0071HP-E / TR MMK-UP0071HPL-E	230 -1-50	198	264	0.030	0.17	0.21	15
	MMK-UP0091HP-E / TR MMK-UP0091HPL-E	230 -1-50	198	264	0.030	0.18	0.23	15
	MMK-UP0121HP-E / TR MMK-UP0121HPL-E	230 -1-50	198	264	0.030	0.20	0.25	15
	MMK-UP0151HP-E / TR MMK-UP0151HPL-E	230 -1-50	198	264	0.042	0.30	0.38	15
	MMK-UP0181HP-E / TR MMK-UP0181HPL-E	230 -1-50	198	264	0.042	0.33	0.41	15
	MMK-UP0241HP-E / TR MMK-UP0241HPL-E	230 -1-50	198	264	0.042	0.48	0.60	15

Type	Model	Nominal Voltage	Voltage Range		Fan Motor		Power Supply	
		(V-Ph-Hz)	Min	Max	kW	FLA	MCA	MOCP
High Wall Type	MMK-UP0271HP-E / TR	230-1-50	198	264	0.061	0.66	0.83	15
	MMK-UP0301HP-E / TR	230-1-50	198	264	0.061	0.66	0.83	15
	MMK-UP0361HP-E / TR	230-1-50	198	264	0.061	0.66	0.83	15

MCA : Minimum Circuit Amps

FLA : Full Load Amps

MOCP : Maximum Overcurrent Protection (Amps)

kW : Fan Motor Rated Output (kW)

60 Hz

Type	Model	Nominal Voltage	Voltage Range		Fan Motor		Power Supply	
		(V-Ph-Hz)	Min	Max	kW	FLA	MCA	MOCP
High Wall Type	MMK-UP0031HP-E / TR MMK-UP0031HPL-E	220 -1-60	198	242	0.030	0.16	0.21	15
	MMK-UP0051HP-E / TR MMK-UP0051HPL-E	220 -1-60	198	242	0.030	0.16	0.21	15
	MMK-UP0071HP-E / TR MMK-UP0071HPL-E	220 -1-60	198	242	0.030	0.17	0.21	15
	MMK-UP0091HP-E / TR MMK-UP0091HPL-E	220 -1-60	198	242	0.030	0.18	0.23	15
	MMK-UP0121HP-E / TR MMK-UP0121HPL-E	220 -1-60	198	242	0.030	0.20	0.25	15
	MMK-UP0151HP-E / TR MMK-UP0151HPL-E	220 -1-60	198	242	0.030	0.30	0.38	15
	MMK-UP0181HP-E / TR MMK-UP0181HPL-E	220 -1-60	198	242	0.030	0.33	0.41	15
	MMK-UP0241HP-E / TR MMK-UP0241HPL-E	220 -1-60	198	242	0.030	0.48	0.60	15

Type	Model	Nominal Voltage	Voltage Range		Fan Motor		Power Supply	
		(V-Ph-Hz)	Min	Max	kW	FLA	MCA	MOCP
High Wall Type	MMK-UP0271HP-E / TR	220-1-60	198	253	0.061	0.66	0.83	15
	MMK-UP0301HP-E / TR	220-1-60	198	253	0.061	0.66	0.83	15
	MMK-UP0361HP-E / TR	220-1-60	198	253	0.061	0.66	0.83	15

MCA : Minimum Circuit Amps

FLA : Full Load Amps

MOCP : Maximum Overcurrent Protection (Amps)

kW : Fan Motor Rated Output (kW)

7. Sensible capacity table

High-wall type : MMK-UP__1HP(L)

unit size	outdoor air temp. °CDB	indoor air temp.													
		14 °CWB		16 °CWB		18 °CWB		19 °CWB		20 °CWB		22 °CWB		24 °CWB	
		20 °CDB		23 °CDB		26 °CDB		27 °CDB		28 °CDB		30 °CDB		32 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
003	10	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	12	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	14	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	16	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	18	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	20	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	21	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	23	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	25	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	27	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	29	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	31	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	33	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	35	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.8	1.0	0.8
	37	0.7	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.9	0.8	0.9	0.8	1.0	0.7
	39	0.7	0.7	0.8	0.7	0.8	0.7	0.9	0.8	0.9	0.8	0.9	0.7	1.0	0.7

Indoor Air temperature															
Unit size	Outdoor air temp.	14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
		20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
		°C DB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC
005	10.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	12.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	14.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	16.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	18.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	20.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	21.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	23.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	25.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	27.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	29.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	31.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	33.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	35.0	1.4	1.3	1.5	1.4	1.6	1.5	1.7	1.5	1.8	1.5	1.9	1.5	1.9	1.5
	37.0	1.4	1.3	1.5	1.4	1.6	1.5	1.6	1.5	1.7	1.5	1.8	1.4	1.9	1.4
	39.0	1.3	1.2	1.4	1.3	1.5	1.4	1.6	1.4	1.6	1.4	1.7	1.4	1.8	1.3

Indoor Air temperature															
Unit size	Outdoor air temp. °C DB	14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
		20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
007	10.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	12.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	14.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	16.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	18.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	20.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	21.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	23.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	25.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	27.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	29.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	31.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	33.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	35.0	1.8	1.5	2.0	1.6	2.1	1.7	2.2	1.7	2.3	1.7	2.4	1.7	2.5	1.6
	37.0	1.7	1.5	1.9	1.6	2.1	1.7	2.1	1.6	2.2	1.6	2.3	1.6	2.4	1.6
	39.0	1.7	1.4	1.9	1.5	2.0	1.6	2.1	1.6	2.1	1.6	2.3	1.6	2.4	1.5

Indoor Air temperature															
Unit size	Outdoor air temp. °C DB	14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
		20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
009	10.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	12.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	14.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	16.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	18.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	20.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	21.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	23.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	25.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	27.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	29.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	31.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	33.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	35.0	2.3	1.8	2.5	1.9	2.7	2.0	2.8	2.0	2.9	2.0	3.1	2.0	3.2	1.9
	37.0	2.2	1.7	2.5	1.8	2.6	1.9	2.7	1.9	2.8	1.9	3.0	1.9	3.1	1.9
	39.0	2.2	1.7	2.4	1.8	2.6	1.9	2.6	1.9	2.7	1.9	2.9	1.9	3.0	1.8

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

High-wall type : MMK-UP___1HP(L)

Indoor Air temperature															
Unit size	Outdoor air temp. °C DB	14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
		20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
012	10.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	12.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	14.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	16.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	18.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	20.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	21.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	23.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	25.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	27.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	29.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	31.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	33.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	35.0	3.0	2.2	3.3	2.4	3.5	2.5	3.6	2.5	3.7	2.5	3.9	2.5	4.1	2.4
	37.0	2.9	2.1	3.2	2.3	3.4	2.4	3.5	2.4	3.6	2.4	3.8	2.4	4.0	2.3
	39.0	2.8	2.1	3.1	2.2	3.3	2.4	3.4	2.4	3.5	2.4	3.7	2.3	3.9	2.3

Indoor Air temperature															
Unit size	Outdoor air temp. °C DB	14.0 °C WB		16.0 °C WB		18.0 °C WB		19.0 °C WB		20.0 °C WB		22.0 °C WB		24.0 °C WB	
		20.0 °C DB		23.0 °C DB		26.0 °C DB		27.0 °C DB		28.0 °C DB		30.0 °C DB		32.0 °C DB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
015	10.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	12.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	14.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	16.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	18.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	20.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	21.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	23.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	25.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	27.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	29.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	31.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	33.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	35.0	3.70	2.85	4.08	3.03	4.37	3.22	4.50	3.20	4.63	3.19	4.90	3.13	5.13	3.04
	37.0	3.60	2.78	3.98	2.95	4.26	3.13	4.38	3.12	4.51	3.10	4.77	3.05	4.99	2.96
	39.0	3.50	2.70	3.86	2.87	4.14	3.04	4.26	3.03	4.38	3.01	4.64	2.96	4.85	2.88

Indoor Air temperature															
Unit size	Outdoor air temp. °C DB	14.0 °C WB		16.0 °C WB		18.0 °C WB		19.0 °C WB		20.0 °C WB		22.0 °C WB		24.0 °C WB	
		20.0 °C DB		23.0 °C DB		26.0 °C DB		27.0 °C DB		28.0 °C DB		30.0 °C DB		32.0 °C DB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
018	10.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	12.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	14.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	16.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	18.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	20.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	21.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	23.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	25.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	27.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	29.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	31.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	33.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	35.0	4.60	3.48	5.08	3.70	5.44	3.92	5.60	3.90	5.76	3.88	6.10	3.80	6.38	3.69
	37.0	4.48	3.39	4.95	3.60	5.30	3.82	5.45	3.80	5.61	3.78	5.94	3.71	6.21	3.59
	39.0	4.35	3.30	4.81	3.50	5.15	3.71	5.30	3.69	5.45	3.67	5.77	3.60	6.04	3.49

Indoor Air temperature															
Unit size	Outdoor air temp.	14.0 °C WB		16.0 °C WB		18.0 °C WB		19.0 °C WB		20.0 °C WB		22.0 °C WB		24.0 °C WB	
		20.0 °C DB		23.0 °C DB		26.0 °C DB		27.0 °C DB		28.0 °C DB		30.0 °C DB		32.0 °C DB	
	°C DB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
024	10.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	12.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	14.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	16.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	18.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	20.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	21.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	23.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	25.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	27.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	29.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	31.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	33.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	35.0	5.83	4.46	6.44	4.74	6.90	5.03	7.10	5.00	7.30	4.98	7.73	4.88	8.09	4.74
	37.0	5.68	4.35	6.27	4.61	6.72	4.90	6.92	4.87	7.11	4.85	7.53	4.76	7.88	4.62
	39.0	5.52	4.22	6.09	4.48	6.52	4.76	6.72	4.73	6.91	4.71	7.32	4.62	7.65	4.49

High-wall type : MMK-UP__1HP

Unit size	outdoor air temp.	Indoor air temp.													
		14 °C WB		16 °C WB		18 °C WB		19 °C WB		20 °C WB		22 °C WB		24 °C WB	
		20 °C DB		23 °C DB		26 °C DB		27 °C DB		28 °C DB		30 °C DB		32 °C DB	
	°C DB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
027	10.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	12.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	14.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	16.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	18.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	20.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	21.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	23.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	25.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	27.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	29.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	31.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	33.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	35.00	6.80	5.40	7.10	5.60	7.60	5.80	8.00	6.00	8.10	6.00	8.70	6.00	9.00	5.70
	37.00	6.60	5.20	6.90	5.40	7.40	5.60	7.80	5.80	7.90	5.80	8.40	5.80	8.70	5.50
	39.00	6.40	5.10	6.70	5.30	7.20	5.50	7.60	5.70	7.70	5.70	8.20	5.70	8.50	5.40

Unit size	outdoor air temp.	Indoor air temp.													
		14 °C WB		16 °C WB		18 °C WB		19 °C WB		20 °C WB		22 °C WB		24 °C WB	
		20 °C DB		23 °C DB		26 °C DB		27 °C DB		28 °C DB		30 °C DB		32 °C DB	
	°C DB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
030	10.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	12.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	14.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	16.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	18.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	20.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	21.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	23.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	25.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	27.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	29.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	31.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	33.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	35.00	7.70	6.20	8.00	6.30	8.50	6.60	9.00	6.80	9.20	6.90	9.70	6.70	10.10	6.50
	37.00	7.50	6.00	7.80	6.10	8.30	6.40	8.70	6.60	8.90	6.70	9.40	6.50	9.80	6.30
	39.00	7.30	5.90	7.60	6.00	8.10	6.30	8.50	6.40	8.70	6.50	9.20	6.40	9.60	6.20

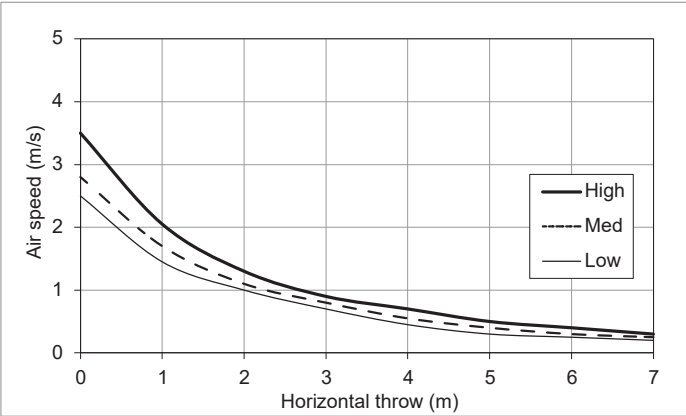
Unit size	outdoor air temp.	Indoor air temp.													
		14 °C WB		16 °C WB		18 °C WB		19 °C WB		20 °C WB		22 °C WB		24 °C WB	
		20 °C DB		23 °C DB		26 °C DB		27 °C DB		28 °C DB		30 °C DB		32 °C DB	
	°C DB	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
036	10.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	12.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	14.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	16.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	18.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	20.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	21.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	23.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	25.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	27.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	29.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	31.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	33.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	35.00	9.50	7.60	10.00	7.80	10.60	8.10	11.20	8.40	11.40	8.40	12.10	8.30	12.60	8.00
	37.00	9.20	7.40	9.70	7.60	10.30	7.90	10.90	8.20	11.10	8.20	11.70	8.10	12.20	7.80
	39.00	9.00	7.20	9.50	7.40	10.00	7.70	10.60	8.00	10.80	8.00	11.50	7.90	11.90	7.60

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

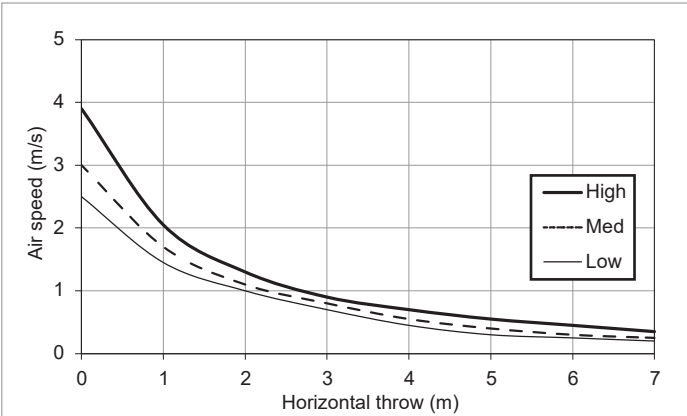
8. Air throw distance chart

MMK-UP0031HP(L)* / MMK-UP0051HP(L)*



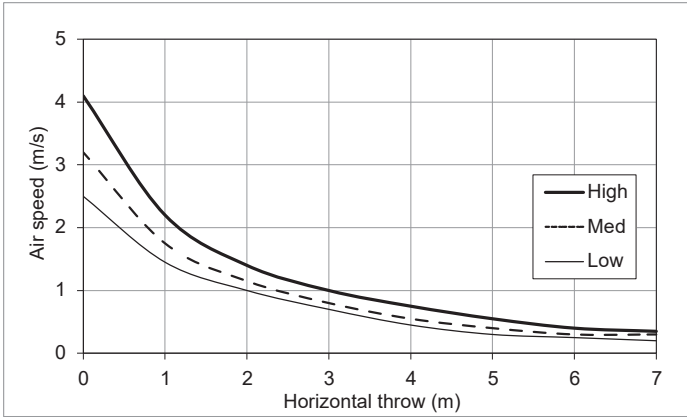
High wind : 3.8m/s
Mid wind : 2.8m/s
Low wind : 2.5m/s

MMK-UP0071HP(L)*



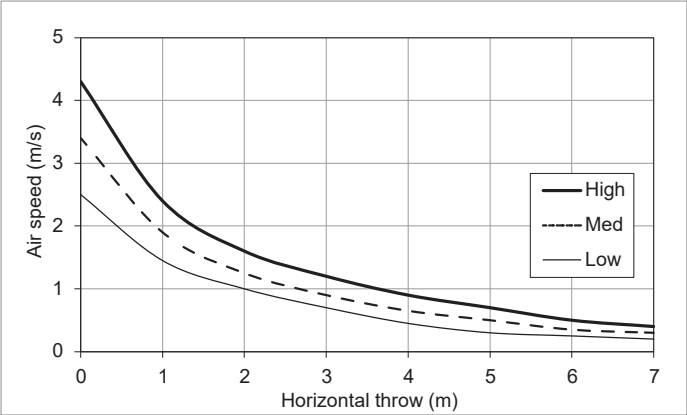
High wind : 3.9 m/s
Mid wind : 3.0 m/s
Low wind : 2.5 m/s

MMK-UP0091HP(L)*



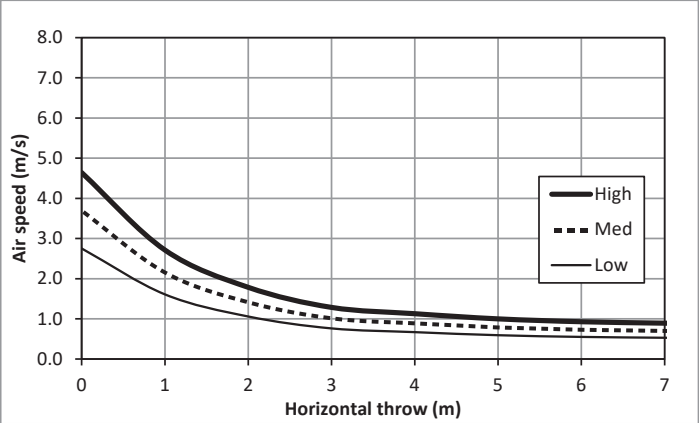
High wind : 4.1 m/s
Mid wind : 3.2 m/s
Low wind : 2.5 m/s

MMK-UP0121HP(L)*



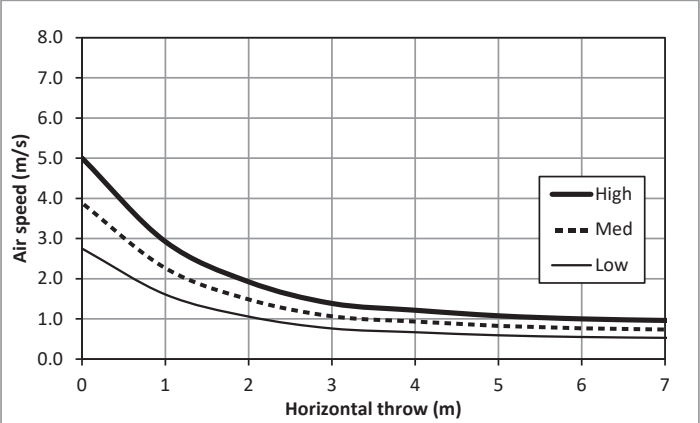
High wind : 4.3 m/s
Mid wind : 3.4 m/s
Low wind : 2.5 m/s

MMK-UP0151HP(L)*



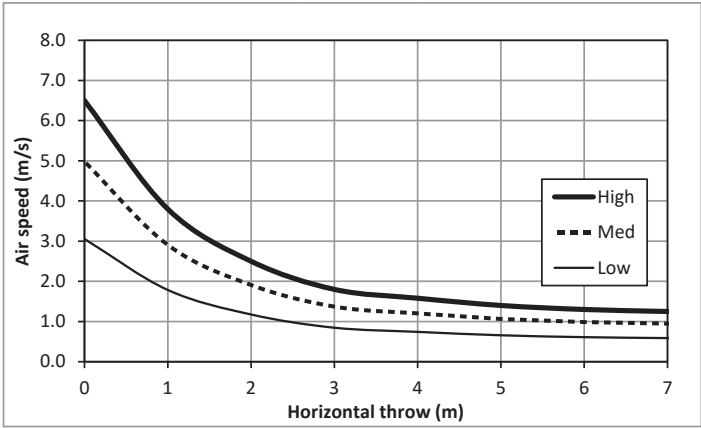
High wind : 4.6 m/s
Mid wind : 3.7 m/s
Low wind : 2.8 m/s

MMK-UP0181HP(L)*



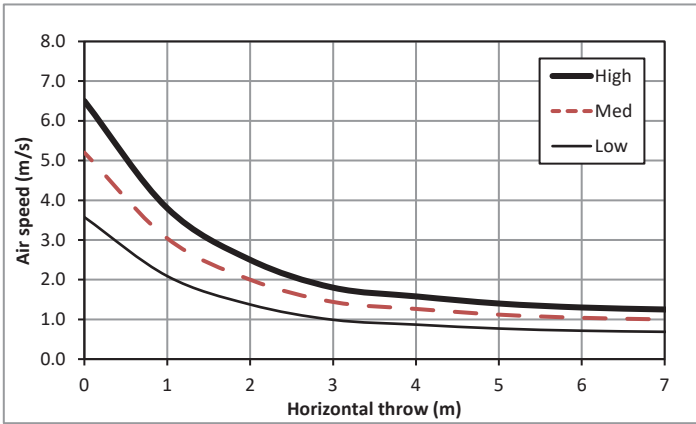
High wind : 5.0 m/s
Mid wind : 3.9 m/s
Low wind : 2.8 m/s

MMK-UP0247HP(L)*



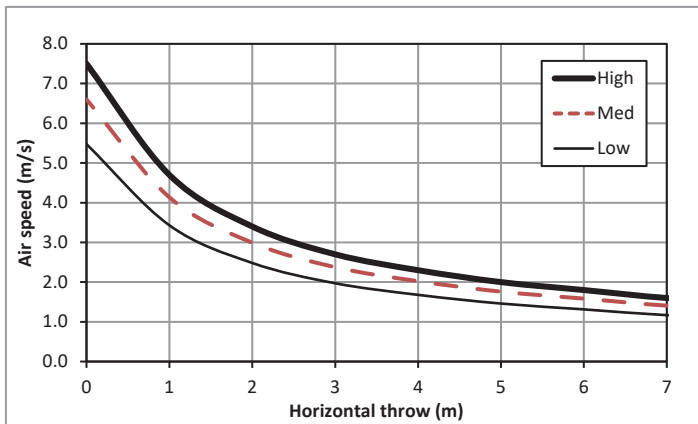
High wind : 6.5 m/s
Mid wind : 5.0 m/s
Low wind : 3.1 m/s

MMK-UP0271HP*



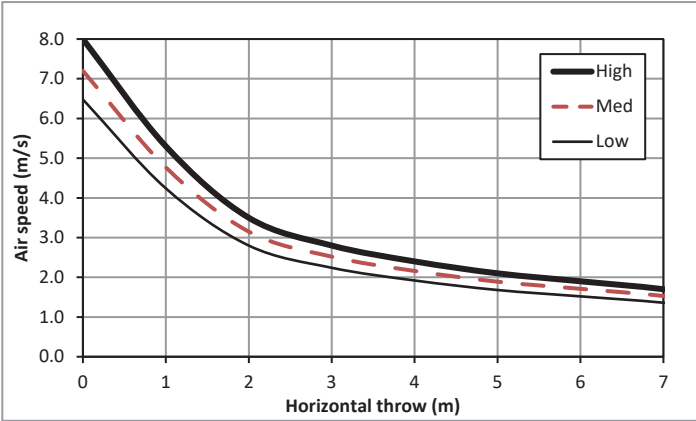
High wind : 6.5 m/s
Mid wind : 5.2 m/s
Low wind : 3.6 m/s

MMK-UP0301HP*



High wind : 7.5 m/s
Mid wind : 6.6 m/s
Low wind : 5.5 m/s

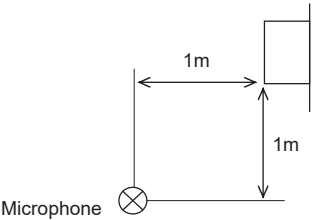
MMK-UP0361HP*



High wind : 8.0 m/s
Mid wind : 7.2 m/s
Low wind : 6.5 m/s

9. Sound data

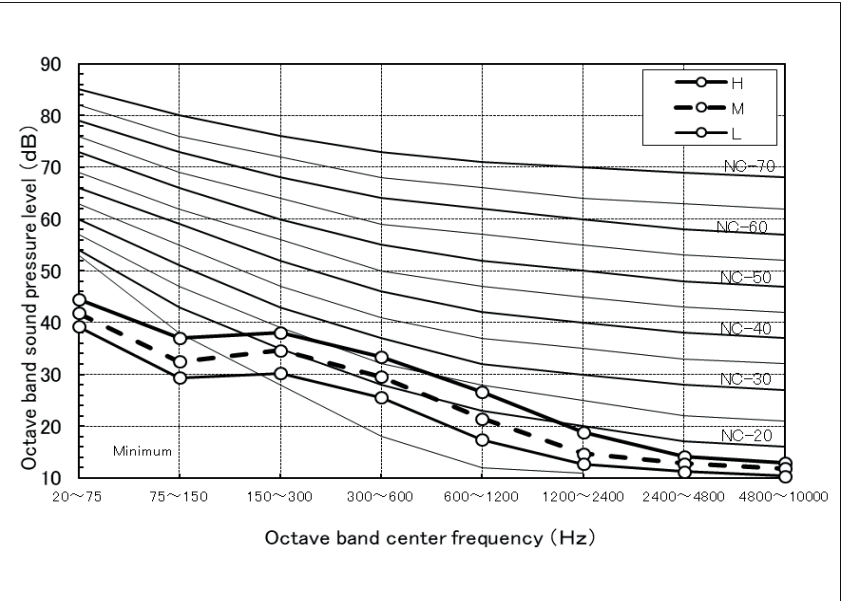
Sound pressure spectrum



MMK-UP0031HP(L)* / MMK-UP0051HP(L)*

Specification (dB)

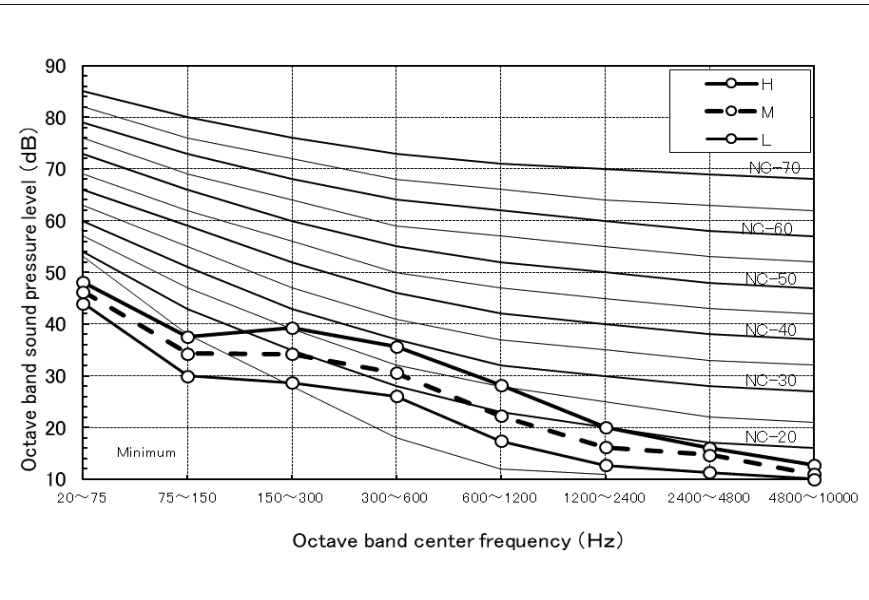
Fan tab	H	M	L
Sound pressure level (dB(A))	33	29	25



MMK-UP0071HP(L)*

Specification (dB)

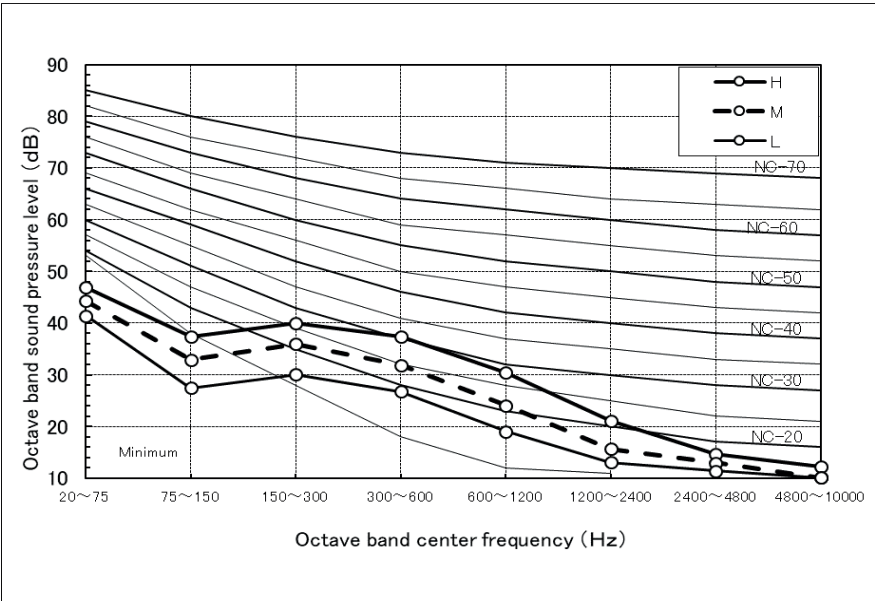
Fan tab	H	M	L
Sound pressure level (dB(A))	35	30	25



MMK-UP0091HP(L)*

Specification (dB)

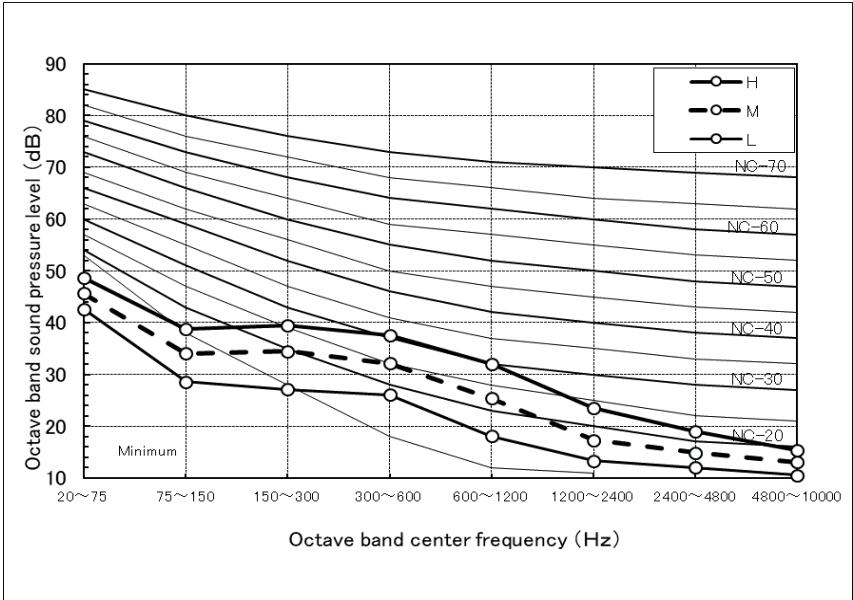
Fan tab	H	M	L
Sound pressure level (dB(A))	36	31	25



MMK-UP0121HP(L)*

Specification (dB)

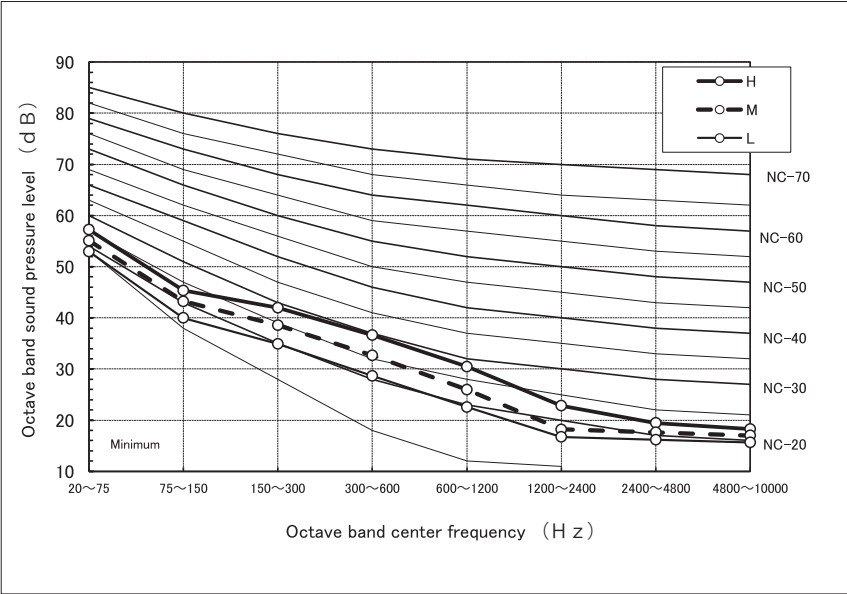
Fan tab	H	M	L
Sound pressure level (dB(A))	37	32	25



MMK-UP0151HP(L)*

Specification (dB)

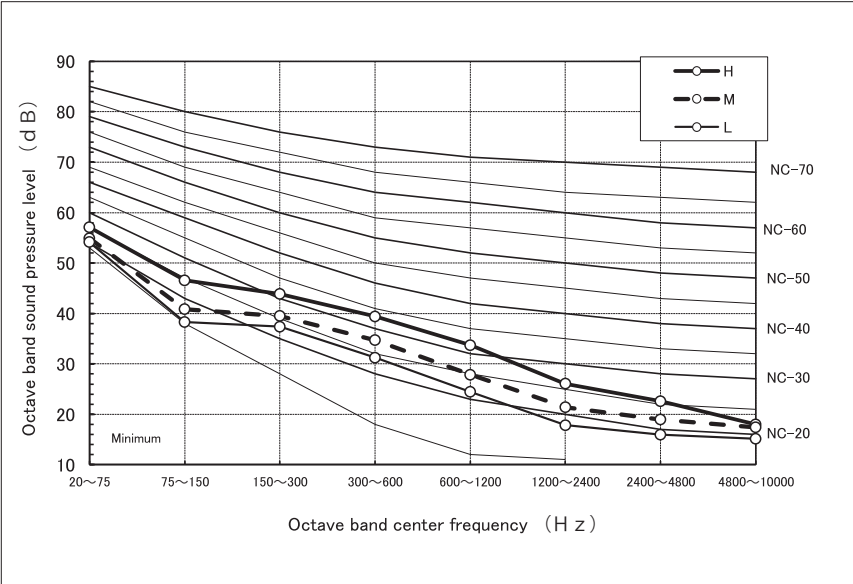
Fan tab	H	M	L
Sound pressure level (dB(A))	40	36	32



MMK-UP0181HP(L)*

Specification (dB)

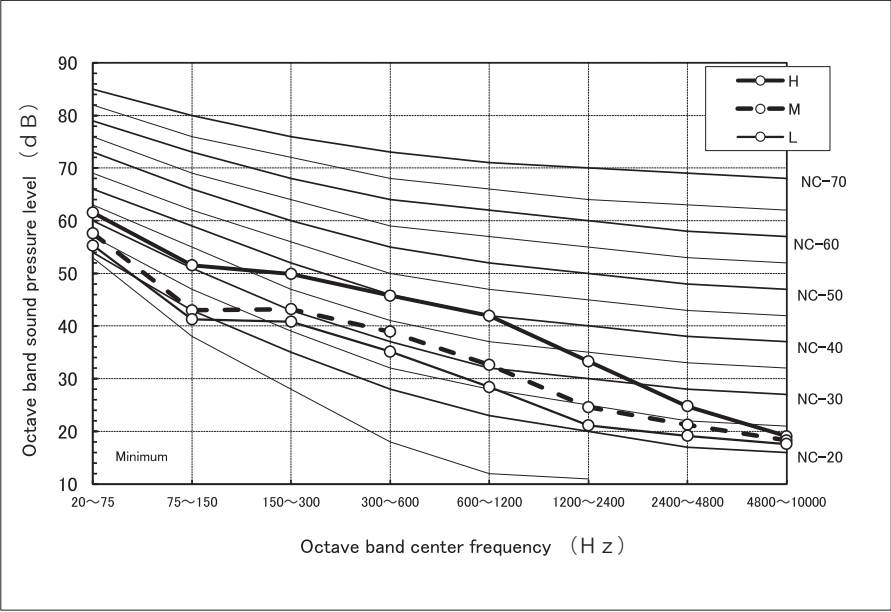
Fan tab	H	M	L
Sound pressure level (dB(A))	41	37	32



MMK-UP0241HP(L)*

Specification (dB)

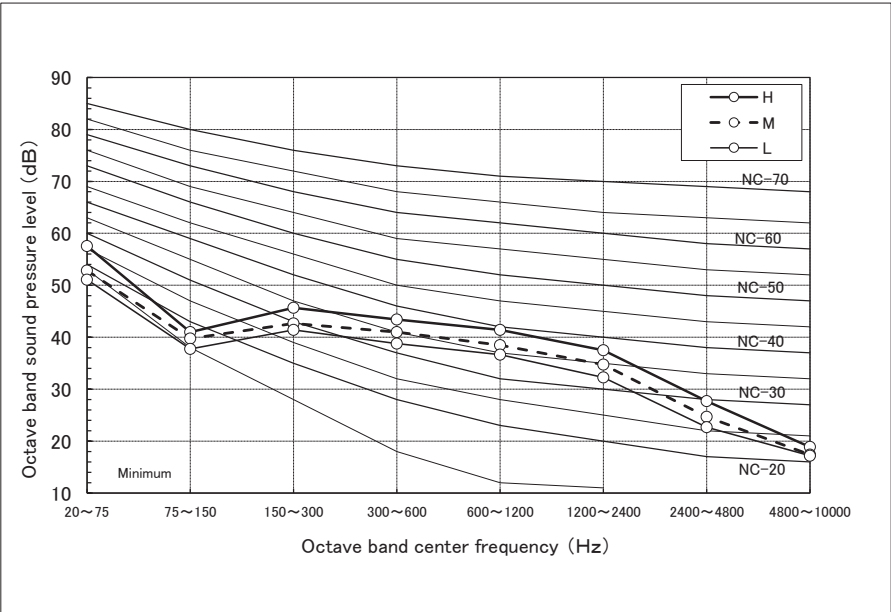
Fan tab	H	M	L
Sound pressure level (dB(A))	45	39	33



MMK-UP0271HP*

Specification (dB)

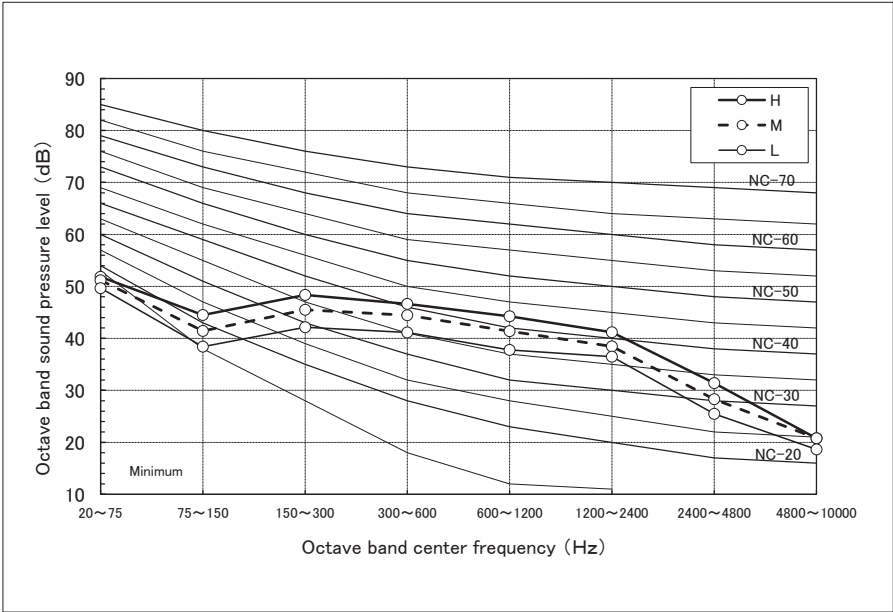
Fan tab	H	M	L
Sound pressure level (dB(A))	44	41	39



MMK-UP0301HP*

Specification (dB)

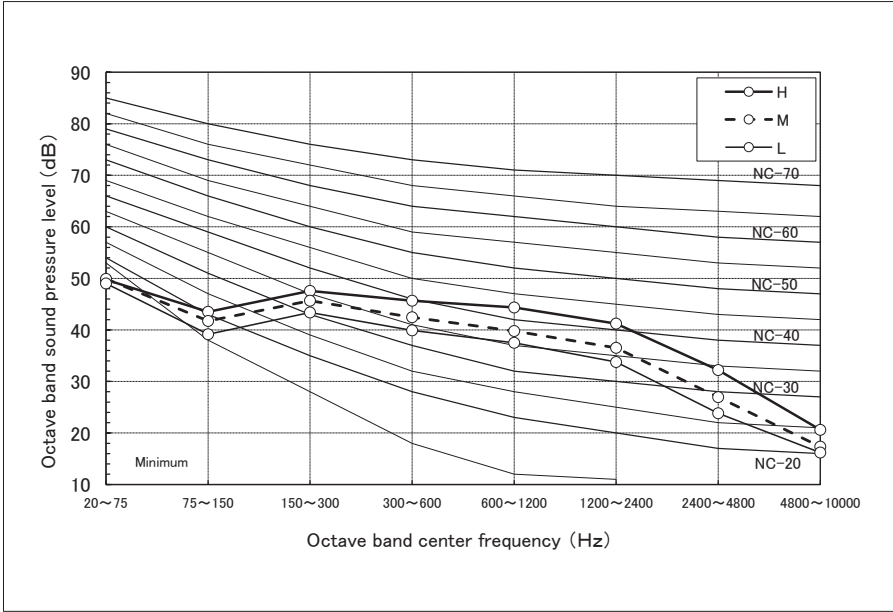
Fan tab	H	M	L
Sound pressure level (dB(A))	48	44	41



MMK-UP0361HP*

Specification (dB)

Fan tab	H	M	L
Sound pressure level (dB(A))	50	45	43



10. Accessories

Option Parts	Model Name	Applicable FCU
PMV kit	RBM-PMV0361U-E	MMD-UP*___1HPL-E / TR (*03 / 05 / 07 / 09 / 12)
	RBM-PMV0901U-E	MMD-UP*___1HPL-E / TR (*15 / 18 / 24)

Name	Model name	Appearance	Application	Function
Wireless remote controller	WH-TA09NE			• Start / Stop • Changing mode • Temperature setting • Air flow changing (5 steps) • Louver setting • Clock • Timer function - ON/OFF timer (10 min. step) - Everyday timer - Sleep timer - COMFORT SLEEP timer • High power mode • QUIET mode • One-touch pre-set memory • One-touch Auto (*1)

Packed with the indoor unit

(*1) SMMS-i cannot accept "AUTO" mode, SHRM-i can accept "AUTO" mode.

TOSHIBA CARRIER (THAILAND) CO.,LTD.

144/9 Moo 5, Bangkadi Industrial Park, Tivanon Road, Tambol Bangkadi,
Amphur Muang, Pathumthani 12000, Thailand

Copyright © 2014 TOSHIBA CARRIER (THAILAND), All Rights Reserved

Notice : Toshiba is committed to continuously improving its products to ensure the highest quality and reliability standard, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice.
