



## Duct

### Specification ▶



Model NO.	Indoor Unit Outdoor Unit	MTB-36CW-N MOV-36CN-N	MTB-48CW-N MOV-48CN-N	MTB-60CW-N MOV-60CN-N	MTB-60CW-N MOV-60CN-D
<b>Performance</b>					
Power Supply	V~Hz/Ph	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1
Cooling Capacity	Btu/h	36000	48000	55000	55000
	kW	10.5	14	16	16
Power Input	W	3860	5150	6550	6400
	W/W	2.67	2.73	2.46	2.52
Static Pressure	Pa	0-80	0-100	0-100	0-190
Air Flow Volume	Inoor m³/h (H/M/L)	1800/1500/1350	2200/1750/1500	2100/1650/1550	2100/1650/1550
Noise Level	Inoor dB(A) (H/M/L)	49/44/40	47/43/40	47/44/40	47/44/40
<b>Dimension &amp; Weight &amp; Piping Size</b>					
Net Dimension	Body mm (WxDxH)	1140x775x270	1200x895x300	1200x895x300	1200x895x300
Packing Dimension	Body mm (WxDxH)	1355x795x350	1405x920x373	1405x920x373	1405x920x373
Net/Gross Weight	Body kg	36/43	43.7/52.9	45.4/53.5	45.4/53.5
Piping Size	Liquid φmm (inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas φmm (inch)	19 (5/8)	19 (5/8)	19 (5/8)	19 (5/8)
Drainage(OD)	φmm	25	25	25	25
	m	30	50	50	50
Max. Height Difference	m	20	25	25	25
<b>Applicable Area &amp; Stuffing Quantity</b>					
Applicable Area	m²	42-70	56-88	64-107	64-107
Stuffing Quantity	20'/40'/42'HQ	set	39/78/84	27/82/72	27/82/68

### Specification ▶



Model NO.	Indoor Unit Outdoor Unit	MTB-36CW-N MOV3-36C-N	MTB-24CW-N MOV3-24C-N	MTB-36CW-N MOV3-36C-N	MTB-48CW-N MOV3-48C-N	MTB-60CW-N MOV3-60C-N
<b>Performance</b>						
Power Supply	V~Hz/Ph	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1
Cooling Capacity	Btu/h	18000	24000	36000	48000	60000
	kW	5.3	7.1	10.5	14	16
Power Input	W	1920	2570	3820	5190	5925
	W/W	2.75	2.74	2.78	2.71	2.7
Static Pressure	Pa	70	70	80	100	100
Air Flow Volume	Inoor m³/h (H/M/L)	1170/770/660	1400/1100/1000	2270/1850/1650	3010/2410/1940	3150/2510/1990
Noise Level	Inoor dB(A) (H/M/L)	44/31/28	44/35/32	46/44/42	46/43/41	46/42/40
<b>Dimension &amp; Weight &amp; Piping Size</b>						
Net Dimension	Body mm (WxDxH)	920x210x835	920x270x835	1140x270x775	1200x300x865	1200x300x885
Packing Dimension	Body mm (WxDxH)	1135x290x855	1135x350x855	1355x350x795	1385x373x920	1385x373x920
Net/Gross Weight	Body kg	26/30	28.5/33.5	42/47	49/55	49/55
Piping Size	Liquid φmm (inch)	6.35(1/4)	8.52 (3/8)	8.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas φmm (inch)	12.7 (1/2)	16.0 (5/8)	19 (5/8)	19 (5/8)	19 (5/8)
Drainage(OD)	φmm	25	25	25	25	25
	m	30	30	30	30	30
Max. Height Difference	m	10	10	20	20	20
<b>Applicable Area &amp; Stuffing Quantity</b>						
Applicable Area	m²	21-35	28-47	42-70	56-93	64-107
Stuffing Quantity	20'/40'/42'HQ	set	64/142/153	60/128/144	42/91/100	27/82/72



## Air Handler

### 24V Low Voltage Control

24V low voltage controlling is safer for people.



### Auto-restart Function

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.



### Standard Features

- Anti-coil Air Function
- Auto Restart Function
- Auto Defrosting
- Sleep Mode
- Independent Demineralization
- Timer
- Quiet Design

### Optional Features

- Wired Controller
- Low Ambient Cooling
- Auxiliary Electric Heater



## Air Handler

### Specification ▶



Model NO.	Indoor Unit Outdoor Unit	MVB-36CWN1-N MOV-36CN1-N	MVB-48CWN1-N MOV-48CN1-N	MVB-60CWN1-N MOV-60CN1-N	MVB-60CWN1-N MOV-60CN1-D	
<b>Performance</b>						
Power Supply	V~ Hz/Ph	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	
Cooling Capacity	Btu/h	36000	48000	55000	55000	
	kW	10.5	14	16	16	
Power Input	W	3970	5860	6350	6350	
	WW	2.66	2.53	2.54	2.54	
Static Pressure	Pa	0-140	0-180	0-180	0-180	
Air Flow Volume	Inoor m³/h (H/M/L)	1800	2400	2700	2700	
Noise Level	Inoor dBA (H/M/L)	52	52	53	53	
<b>Dimension &amp; Weight &amp; Piping Size</b>						
Net Dimension	Body mm (WxDxH)	490x520x774	500x550x970	500x550x970	500x550x970	
Packing Dimension	Body mm (WxDxH)	520x565x835	500x595x1030	560x595x1030	560x595x1030	
Net./Gross Weight	Body kg	39/42	48/52	51/55	51/55	
Piping Size	Liquid	Φmm(Inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas	Φmm(Inch)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)
	Drainage(CD)	Φmm	RC3/4"	RC3/4"	RC3/4"	RC3/4"
Max. Pipe Length	m	30	50	50	50	
Max. Height Difference	m	20	25	25	25	
<b>Applicable Area &amp; Stuffing Quantity</b>						
Applicable Area	m²	42-70	56-93	64-107	64-107	
Stuffing Quantity	20'/40'/40'HQ set	44/90/116	55/76/96	32/72/79	32/72/79	

### Specification ▶



Model NO.	Indoor Unit Outdoor Unit	MVB-24CWN-N MOV-24C-N	MVB-36CWN-N MOV-36C-N	MVB-48CWN-N MOV-48C-N	MVB-60CWN-N MOV-60C-N	MVB-36CWN-D MOV-36C-D	MVB-48CWN-D MOV-48C-D	MVB-60CWN-N MOV-60C-N
<b>Performance</b>								
Power Supply	V~ Hz/Ph	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1
Cooling Capacity	Btu/h	24000	30000	48000	60000	30000	48000	60000
	kW	7.1	10.5	14	16	10.5	14	16
Power Input	W	2840	4000	5600	6150	4200	5380	6150
	WW	2.5	2.6	2.5	2.6	2.5	2.6	2.6
Static Pressure	Pa	25	37	50	37	50	50	50
Air Flow Volume	Inoor m³/h (H/M/L)	1450	1800	2400	2700	1800	2400	2700
Noise Level	Inoor dBA (H/M/L)	49	52	52	53	52	51	53
<b>Dimension &amp; Weight &amp; Piping Size</b>								
Net Dimension	Body mm (WxDxH)	490x520x774	490x520x774	500x550x970	500x550x970	490x520x774	500x550x970	500x550x970
Packing Dimension	Body mm (WxDxH)	520x565x835	520x565x835	560x595x1030	1030x595x1030	520x565x835	560x595x1030	560x595x1030
Net./Gross Weight	Body kg	36/38	39/42	44.5/49	51/55	39/42	48/52	51/55
Piping Size	Liquid	Φmm(Inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas	Φmm(Inch)	16.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)
	Drainage(CD)	Φmm	RC3/4"	RC3/4"	RC3/4"	RC3/4"	RC3/4"	RC3/4"
Max. Pipe Length	m	30	30	30	30	30	30	30
Max. Height Difference	m	10	20	20	20	20	20	20
<b>Applicable Area &amp; Stuffing Quantity</b>								
Applicable Area	m²	28-47	42-70	56-93	64-107	42-70	56-93	64-107
Stuffing Quantity	20'/40'/40'HQ set	59/127/143	49/108/130	35/78/86	32/72/79	54/118/136	35/78/86	32/72/79

## Side Discharge Outdoor Units



### Specification



Model NO.		12,000Btu/h		18,000Btu/h		24,000Btu/h		36,000Btu/h		48,000Btu/h		60,000Btu/h	
		MOU-12CR	MOU-18C-N	MOU-24C-N	MOU-36C-N	MOU-48C-N	MOU-60C-N	MOU-36C-D	MOU-48C-D	MOU-60C-D			
<b>Performance</b>													
Power Supply	V~ Hz/Ph	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220, 60, 3	220, 60, 3	220, 60, 3	220, 60, 3
Cooling Capacity	Btu/h	12000	18000	24000	36000	48000	60000	36000	48000	60000	60000	60000	60000
	kW	3.2	5.3	7.1	10.5	14	16	10.5	14	16	10.5	14	16
Air Flow Volume	m³/h	1840	2400	2700	4200	6000	6500	4200	6000	6500	6000	6500	6500
Noise Level	dBA	55	56	56	58	58	59	60	58	61	61	60	60
<b>Dimension &amp; Weight &amp; Piping Size</b>													
Net Dimension	mm(W-DxH)	750x250x547	769x292x559	842x324x555	895x330x680	990x354x956	900x340x1167	856x330x890	990x354x956	900x340x1167	856x330x890	990x354x956	900x340x1167
Packing Dimension	mm(W-DxH)	910x335x575	887x350x645	965x390x725	1043x390x725	1120x435x1100	1032x430x1307	1043x390x615	1120x435x1100	1032x430x1307	1043x390x615	1120x435x1100	1032x430x1307
Net./GrossWeight	kg	32/34	36.0/39	47.5/51	67/71	81.5/92.5	104/108	74/78	88.5/92.5	92/102	88.5/92.5	92/102	92/102
Liquid Size	Φmm(Inch)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Gas Size	Φmm(Inch)	12.7(1/2)	12.7(1/2)	16.0(5/8)	16.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)	19.0(5/8)
Max. Pipe Length	m	15	30	30	30	30	30	30	30	30	30	30	30
Max. Height Difference	m	8	10	10	20	20	20	20	20	20	20	20	20
<b>Stuffing Quantity</b>													
20'/40'/40'HQ	Unit	157/325/381	123/228/242	100/214/216	62/128/128	50/106/108	27/57/112	62/128/128	50/106/108	27/57/112	62/128/128	50/106/108	27/57/112

### Specification ▶



Model NO.		18,000Btu/h		24,000Btu/h		36,000Btu/h	
		MOU-18C-NBB	MOU-18H-NBB	MOU-24C-NBB	MOU-24H-NBB	MOU-36C-NBB	MOU-36H-NBB
<b>Performance</b>							
Power Supply	V~ Hz/Ph	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1	220-230, 60, 1
Cooling Capacity	Btu/h	18000	18000	24000	24000	36000	36000
	kW	5.3	5.3	7.1	7.1	10.5	10.5
Heating Capacity	Btu/h	-	20000	-	27000	-	37000
	kW	-	5.9	-	7.9	-	11
Air Flow Volume	m³/h	2700	2700	3900	3800	5800	5800
Noise Level	dBA	63	64	61	62	62	64
<b>Dimension &amp; Weight &amp; Piping Size</b>							
Net Dimension	mm(W-DxH)	845x320x700	845x320x700	900x315x690	900x315x860	990x345x965	990x345x965
Packing Dimension	mm(W-DxH)	965x395x755	965x395x755	1043x395x915	1043x395x915	1120x435x1100	1120x435x1100
Net./GrossWeight	kg	45/48.2	49.2/52.4	55/59.1	61.2/65	73.4/83.4	83/83
Liquid Size	Φmm(Inch)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Gas Size	Φmm(Inch)	12.7(1/2)	12.7(1/2)	16.0(5/8)	16.0(5/8)	19.0(5/8)	19.0(5/8)
Max. Pipe Length	m	30	30	50	50	50	50
Max. Height Difference	m	10	10	20	20	20	20
<b>Stuffing Quantity</b>							
20'/40'/40'HQ	Unit	102/216/216	102/216/216	60/128/128	60/128/128	52/108/108	52/108/108