

1

TECHNICAL CHANGES

MSZ09UN → MSZ-A09NA **MSH24WN → MSZ-A24NA**
MSZ12UN → MSZ-A12NA **MS15TN → MSY-A15NA**
MSH15TN → MSZ-A15NA **MS17TN → MSY-A17NA**
MSH17TN → MSZ-A17NA **MS24WN → MSY-A24NA**

- Control method between indoor and outdoor has been changed.
- Indoor fan motor has been changed.
- Signal of remote controller has been changed. (It is not available for conventional models.)

MSZ-A09NA → MSZ-A09NA-1 **MSZ-A24NA → MSZ-A24NA-1**
MSZ-A12NA → MSZ-A12NA-1 **MSY-A15NA → MSY-A15NA-1**
MSZ-A15NA → MSZ-A15NA-1 **MSY-A17NA → MSY-A17NA-1**
MSZ-A17NA → MSZ-A17NA-1 **MSY-A24NA → MSY-A24NA-1**

- Remote controller has been changed.
 - Temperature indication function (°F/°C) has been added. (Refer to 11-10.)

Models	Remote controller	Temperature indication
MSZ-A09/12/15/17NA	KM06A	°F
MSZ-A09/12/15/17NA-1	KM07J	°F/°C
MSZ-A24NA	KM06B	°F
MSZ-A24NA - 1	KM07K	°F/°C
MSY-A15/17NA	KM06C	°F
MSY-A15/17NA - 1	KM07L	°F/°C
MSY-A24NA	KM06D	°F
MSY-A24NA - 1	KM07M	°F/°C

- Timer indication has been changed. (AM/PM indication)
- Conduit plate has been removed. (MSZ-A09/12/15/17, MSY-A15/17)
 - Conduit cover, terminal block cover and terminal block holder have been changed. (MSZ-A09/12/15/17, MSY-A15/17)

MSZ-A24NA-1 → MSZ-GA24NA
MSY-A24NA-1 → MSY-GA24NA

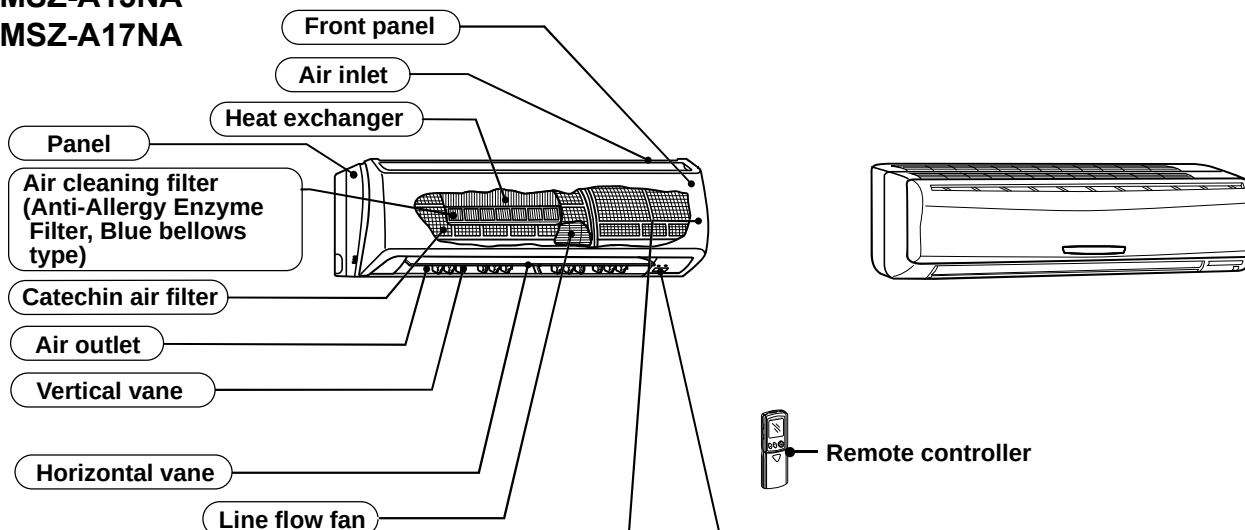
- Indoor electronic control P.C. board has been changed.

2

PART NAMES AND FUNCTIONS

MSZ-A09NA MSY-A15NA
MSZ-A12NA MSY-A17NA
MSZ-A15NA
MSZ-A17NA

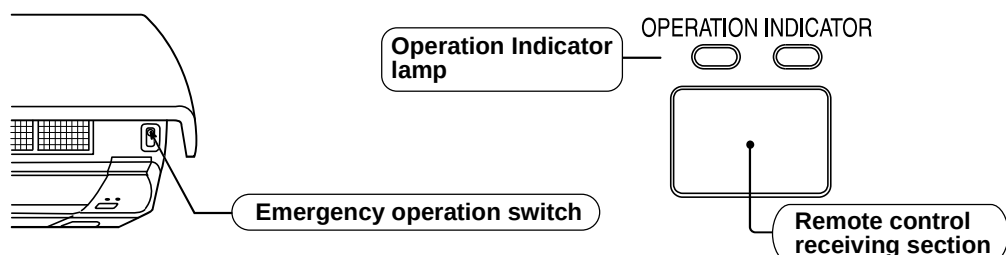
MSZ-A24NA MSY-A24NA
MSZ-GA24NA MSY-GA24NA



MSZ-A09NA
MSZ-A12NA
MSZ-A15NA
MSZ-A17NA
MSY-A15NA
MSY-A17NA

Operation section
(When the front panel is opened)

Display section



MSZ-A24NA MSY-A24NA
MSZ-GA24NA MSY-GA24NA



ACCESSORIES

		MSZ-A09/12/15/17NA MSY-A15/17NA	MSZ-A09/12/15/17NA- MSY-A15/17NA-	MSZ-A24NA MSY-A24NA MSZ-GA24NA MSY-GA24NA
①	Installation plate	1	1	1
②	Installation plate fixing screw 4 × 25 mm	8	5	7
③	Remote controller holder	1	1	1
④	Fixing screw for ③ 3.5 × 1.6 mm (Black)	2	2	2
⑤	Battery (AAA) for remote controller	2	2	2
⑥	Wireless remote controller	1	1	1
⑦	Felt tape (Used for left or left-rear piping)	1	1	1
⑧	Conduit plate	1	—	—

3

SPECIFICATION

Indoor unit model			MSZ-A09NA		MSZ-A12NA			
External finish			White					
Power supply			V, phase, Hz					
Max.-fuse size (time delay) / Disconnect switch			A					
Min. circuit ampacity			A					
Fan motor			F.L.A					
Airflow		COOL Dry (Wet)	CFM	152-229-307-338 (134-205-275-303)		152-240-353-388 (134-215-318-349)		
Low-Med.-High-Powerful		HEAT		159-222-307-321		159-240-353-353		
Moisture removal			pt./h		2.3		3.2	
Sound level		COOL	dB(A)	22-33-38-41		22-34-42-44		
Low-Med.-High-Powerful		HEAT		22-33-38-39		22-34-42-42		
Cond. drain connection O.D.			in.		5/8			
Dimensions		W	in.	30-11/16				
		D		8-1/4				
		H		11-3/4				
Weight			lb.		23			
Remote controller			Wireless type					
Control voltage (by built-in transformer)			12-24 VDC					

Indoor unit model			MSZ-A15NA	MSY-A15NA	MSZ-A17NA	MSY-A17NA
External □nish			White			
Power supply			V, phase, Hz			
Max.-fuse size (time delay) / Disconnect switch			A			
Min. circuit ampacity			A			
Fan motor			F.L.A			
Air□ Low—Med.—High—Powerful	COOL Dry (Wet)	CFM	268-328-381-419 (240-293-342-376)			
	HEAT		254-314-381-381	—	254-314-381-381	—
Moisture removal		pt./h	4.7		5.2	
Sound level Low—Med.—High—Powerful	COOL	dB(A)	34-40-45-47		34-40-46-48	
	HEAT		34-38-44-44	—	34-38-44-44	—
Cond. drain connection O.D.		in.	5/8			
Dimensions	W	in.	30-11/16			
	D		8-1/4			
	H		11-3/4			
Weight		lb.	23			
Remote controller			Wireless type			
Control voltage (by built-in transformer)			12-24 VDC			

Indoor unit model			MSZ-A24NA	MSZ-GA24NA	MSY-A24NA	MSY-GA24NA
External finish			White			
Power supply			V, phase, Hz			
Max.-fuse size (time delay) / Disconnect switch			A			
Min. circuit ampacity			A			
Fan motor			F.L.A			
Airflow Low-Med.-High-Powerful	COOL Dry (Wet)	CFM	296-431-568-624 (265-385-508-558)			
	HEAT		296-486-568-590	350-486-568-590	—	
Moisture removal			pt./h			
Sound level Low-Med.-High-Powerful	COOL	dB(A)	34-40-49-51			
	HEAT		34-40-48-49		—	
Cond. drain connection O.D.			in.			
Dimensions	W	in.	43-5/16			
	D		10-1/4			
	H		12-13/16			
Weight			lb.			
Remote controller			Wireless type			
Control voltage (by built-in transformer)			12-24 VDC			

NOTE: Test conditions are based on ARI 210/240.

Rating conditions (Cooling) — Indoor: 80°FDB, 67°FWB, Outdoor: 95°FDB, (75°FWB) Rated frequency
(Heating) — Indoor: 70°FDB, 60°FWB, Outdoor: 47°FDB, 43°FWB Rated frequency
(Heating) — Indoor: 70°FDB, 60°FWB, Outdoor: 17°FDB, 15°FWB Maximum frequency

3-1. OPERATING RANGE

(1) POWER SUPPLY

	Rated voltage	Guaranteed Voltage (V)
Indoor unit	208/230 V 1 phase 60 Hz	Min.187 208 230 Max.253

(2) OPERATION

Mode	Condition	Intake air temperature (°F)			
		Indoor		Outdoor	
		DB	WB	DB	WB
Cooling	Standard temperature	80	67	95	—
	Maximum temperature	90	73	115	—
	Minimum temperature	67	57	14	—
	Maximum humidity	78%		—	
Heating	Standard temperature	70	60	47	43
	Maximum temperature	80	67	75	65
	Minimum temperature	70	60	14 5 (MUZ-GA24)※	13 4 (MUZ-GA24)※

※Except -[u] model

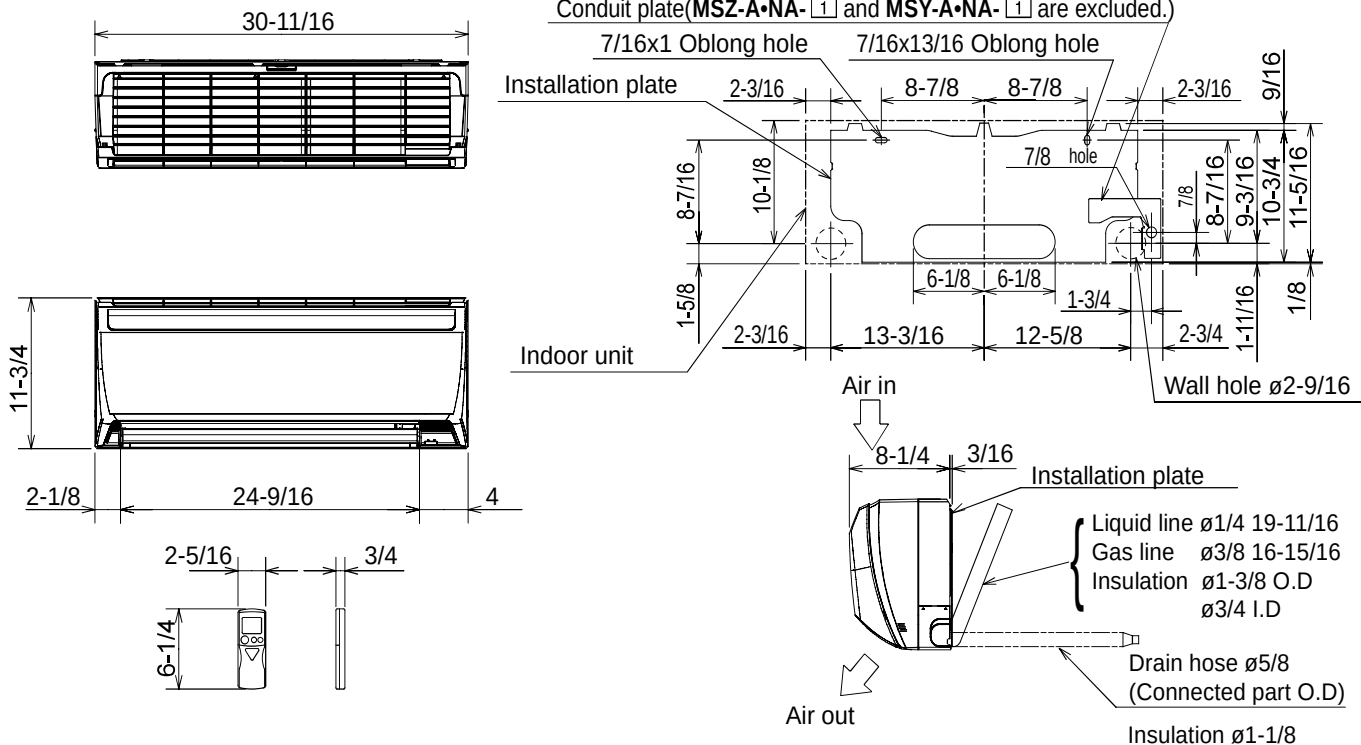
3-2. OUTLET AIR SPEED AND COVERAGE RANGE

Model	Mode	Function	Air flow (CFM)	Air speed (ft./sec.)	Coverage range (ft.)
MSZ-A09NA	HEAT	Dry	307	16.8	23.4
	COOL	Dry	307	16.8	23.4
		Wet	275	15.1	21.0
MSZ-A12NA	HEAT	Dry	353	19.3	26.7
	COOL	Dry	353	19.3	26.7
		Wet	318	17.4	24.1
MSZ-A15NA	HEAT	Dry	381	20.9	28.8
MSZ-A15NA MSY-A15NA	COOL	Dry	381	20.9	28.8
		Wet	342	18.8	26.0
MSZ-A17NA	HEAT	Dry	381	20.9	28.8
MSZ-A17NA MSY-A17NA	COOL	Dry	381	20.9	28.8
		Wet	342	18.8	26.0
MSZ-A24NA MSZ-GA24NA	HEAT	Dry	568	20.2	34.4
MSZ-A24NA MSY-A24NA MSZ-GA24NA MSY-GA24NA	COOL	Dry	568	20.2	34.4
		Wet	508	18.1	30.9

- The air coverage range is the figure up to the position where the air speed is 1 ft./sec., when air is blown out horizontally from the unit properly at the High speed position. The coverage range should be used only as a general guideline since it varies according to the size of the room and furniture arranged inside the room.

OUTLINES AND DIMENSIONS

Unit: inch



MSZ-A24NA MSY-A24NA MSZ-GA24NA MSY-GA24NA

