Use the speci□ed refrigerant only

Never use any refrigerant other than that specified.
Doing so may cause a burst, an explosion, or fire when the unit is being used, serviced, or disposed of.
Correct refrigerant is specified in the manuals and on the spec labels provided with our products.
We will not be held responsible for mechanical failure, system malfunction, unit breakdown or accidents caused by failure to follow the instructions.

Revision A:
• MSZ-FE18NA has been added.

Revision B:
• MSZ-FE09NA - 8 and MSZ-FE12NA - 8 have been added.

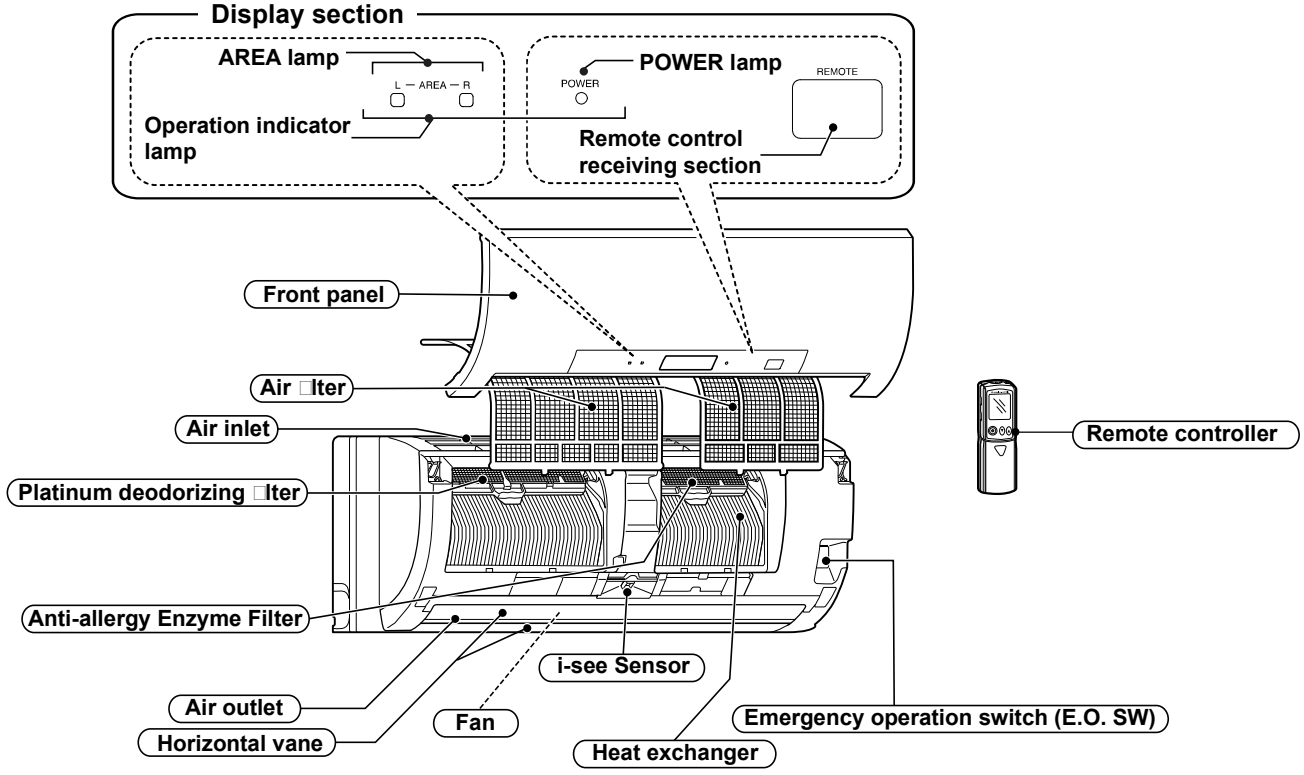
1 TECHNICAL CHANGES

MSZ-FE09NA
MSZ-FE12NA
MSZ-FE18NA
1. New model

MSZ-FE09NA → MSZ-FE09NA - 8
MSZ-FE12NA → MSZ-FE12NA - 8
1. These models have been modified to be compatible with Honeywell remote controller.
2. Indoor electronic controll P.C. board has been changed.

2 PART NAMES AND FUNCTIONS

MSZ-FE09NA MSZ-FE12NA



AREA lamp indicates AREA setting
In AREA setting, the horizontal air flow direction changes automatically according to the detection of i-see Sensor which detects the floor/wall temperature to air-condition the room evenly.

i-see control operation
i-see Sensor constantly measure floor/wall temperature to automatically adjust to the set temperature by estimating the temperature actually perceived by a person inside the room (“sensible temperature”).

3 SPECIFICATION

Indoor model			MSZ-FE09NA	MSZ-FE12NA	MSZ-FE18NA
Power supply	V, phase, Hz		208/230 , 1 , 60		
Max. fuse size (time delay)/ Disconnect switch		A	15		20
Min. circuit ampacity		A	1.0		
Fan motor		F.L.A	0.76		
Air□ow Powerful - High - Med. - Low	COOL Dry (Wet)	CFM	381 - 339 - 226 - 162 (343 - 307 - 202 - 144)	410 - 381 - 226 - 162 (367 - 350 - 202 - 144)	738 - 628 - 469 - 388 (661 - 562 - 420 - 347)
	HEAT Dry	CFM	381 - 367 - 240 - 166	420 - 399 - 240 - 166	738 - 628 - 469 - 388
Moisture removal		pt./h	2.1	2.9	2.7
Sound level Powerful - High - Med. - Low	Cooling	dB(A)	42 - 39 - 31 - 22	45 - 43 - 33 - 22	53 - 49 - 41 - 34
	Heating	dB(A)	42 - 40 - 31 - 22	44 - 43 - 33 - 22	52 - 49 - 41 - 32
Cond. drain connection O.D.		in.	5/8		
Dimensions	W	in.	31-3/8		43-5/16
	D		10-1/8		9-3/8
	H		11-5/8		12-13/16
Weight		lb.	27		37
External □nish			Munsell 1.0Y 9.2/0.2		
Remote controller			Wireless type		
Control voltage (by built-in transformer)			12 - 24 VDC		

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

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	-13	-15

3-2. OUTLET AIR SPEED AND COVERAGE

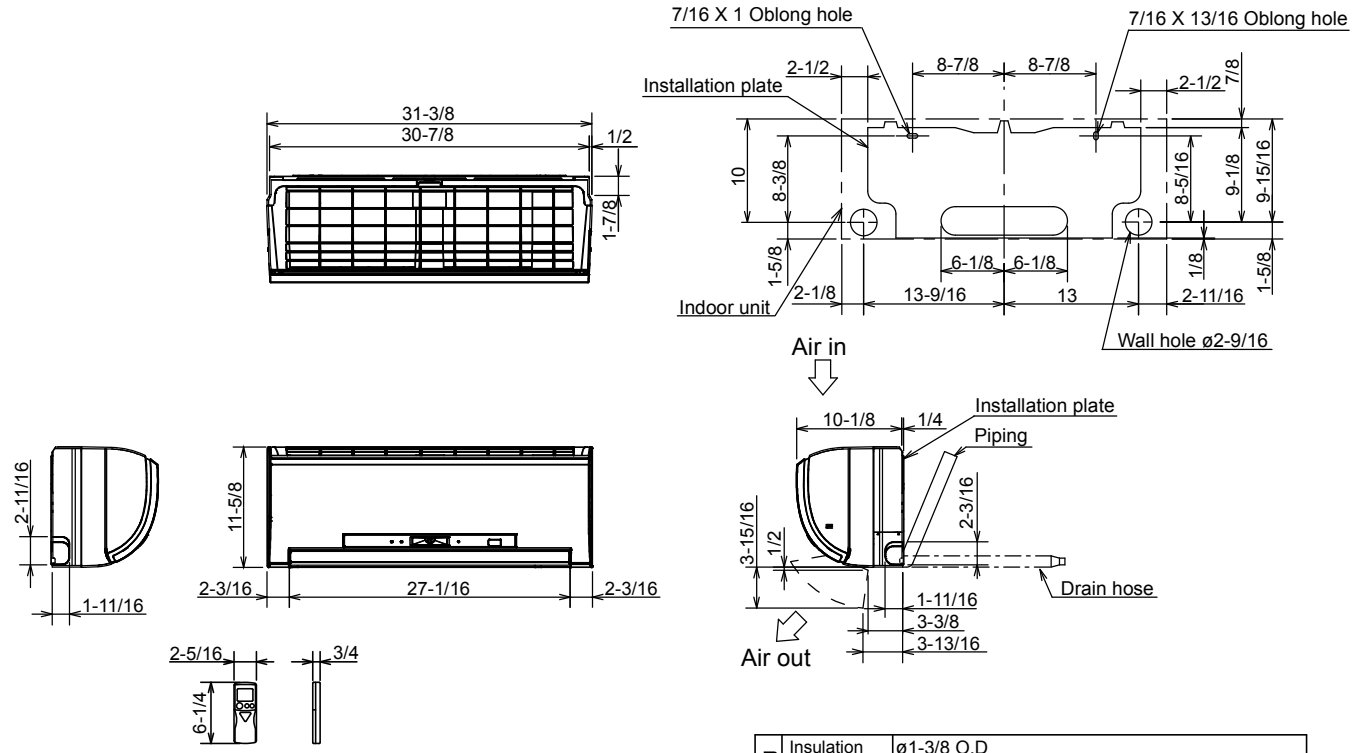
Model	Mode	Function	Air□ow (CFM)	Air speed (ft./s)	Coverage (ft.)
MSZ-FE09NA	HEAT	Dry	381	19.2	27.7
	COOL	Dry	339	17.1	24.7
		Wet	307	15.5	22.4
MSZ-FE12NA	HEAT	Dry	420	21.2	30.4
	COOL	Dry	381	19.2	27.7
		Wet	350	17.6	25.4
MSZ-FE18NA	HEAT	Dry	738	18.0	36.9
	COOL	Dry	738	18.0	36.9
		Wet	661	16.1	33.2

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

4 OUTLINES AND DIMENSIONS

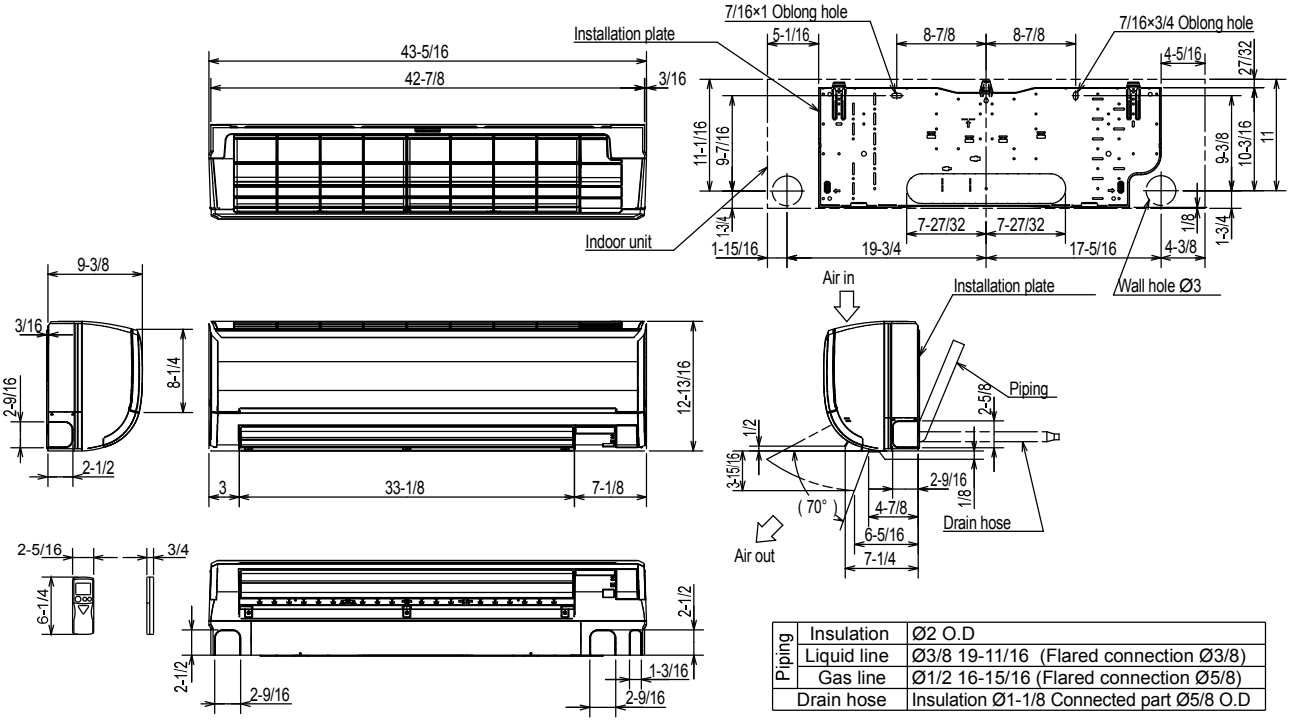
MSZ-FE09NA MSZ-FE12NA

Unit: inch



Piping	Insulation	ø1-3/8 O.D
	Liquid line	ø1/4 19-11/16 (Flared connection ø1/4)
	Gas line	ø3/8 16-15/16 (Flared connection ø3/8)
Drain hose		Insulation ø1-1/8 O.D Connected part ø5/8 O.D

MSZ-FE18NA



Piping	Insulation	Ø2 O.D
	Liquid line	Ø3/8 19-11/16 (Flared connection Ø3/8)
	Gas line	Ø1/2 16-15/16 (Flared connection Ø5/8)
Drain hose		Insulation Ø1-1/8 Connected part Ø5/8 O.D