

SUBMITTAL DATA: MXZ-3A30NA

MULTI-INDOOR UNIT INVERTER HEAT-PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
Unit Designation:	Schedule No.:	

GENERAL FEATURES

- Compact side discharge outdoor unit
- Wireless remote controller
- Automatic fan speed control
- Quiet operation—both indoor and outdoor units
- Auto restart following a power outage
- Self-check function—onboard diagnostics
- Advanced microprocessor control
- Limited warranty: one year on parts and defects and six years on compressor

Cooling*

Rated Capacity 28,400 Btu/h
Minimum Capacity 12,600 Btu/h
Total Input. 3,250 W

Heating*

Rated Capacity 28,600 Btu/h
Minimum Capacity 11,400 Btu/h
Total Input. 2,180 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.
Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.
(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

Refer to the Mr. Slim Sales Brochure for system combination efficiencies.

Power Supply 208 / 230V, 1-Phase, 60Hz
Breaker Size 20 A

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	95°F (35°C) DB, 71°F (22°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB
Heating	Maximum	80°F (27°C) DB, 67°F (19°C) WB	75°F (24°C) DB, 65°F (18°C) WB
	Minimum	70°F (21°C) DB, 60°F (16°C) WB	14°F (-10°C) DB, 12°F (-11°C) WB

Outdoor Unit

Compressor DC Inverter-driven Rotary
MCA 15
Fan motor 0.93 F.L.A.
Sound Pressure Level
Cooling 49 dB(A)
Heating 49 dB(A)

INDOOR MODELS

MSZ-A09NA

9,000 Btu/h Cooling
10,900 Btu/h Heating

MSZ-A12NA

12,000 Btu/h Cooling
13,600 Btu/h Heating

MSZ-A15NA

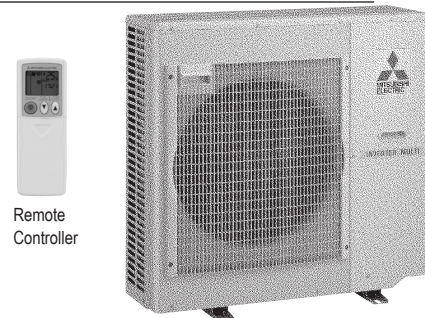
15,000 Btu/h Cooling
18,000 Btu/h Heating

MSZ-A17NA

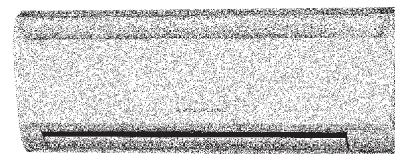
16,200 Btu/h Cooling
20,100 Btu/h Heating

MSZ-A24NA

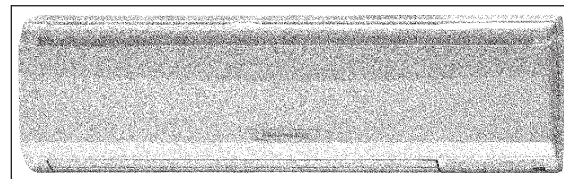
22,200 Btu/h Cooling
23,200 Btu/h Heating



Outdoor Unit: MXZ-3A30NA



Indoor Unit: MSZ-A09-17NA



Indoor Unit: MSZ-A24NA

DIMENSIONS	INCHES	MM
W	33-1/16	900
D	12-5/8	320
H	35-7/16	900

Weight 148 lbs. / 67 kg
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side A: 1/2" / 12.7; B: 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm
Max. Refrigerant Pipe Length 230' / 70 m
Max. Refrigerant Pipe Height Difference
If Indoor Unit is Above Outdoor Unit 49' / 15 m
If Indoor Unit is Below Indoor Unit 33' / 10 m
Connection Method Flared



Notes:

COOLING: MXZ-3A30NA

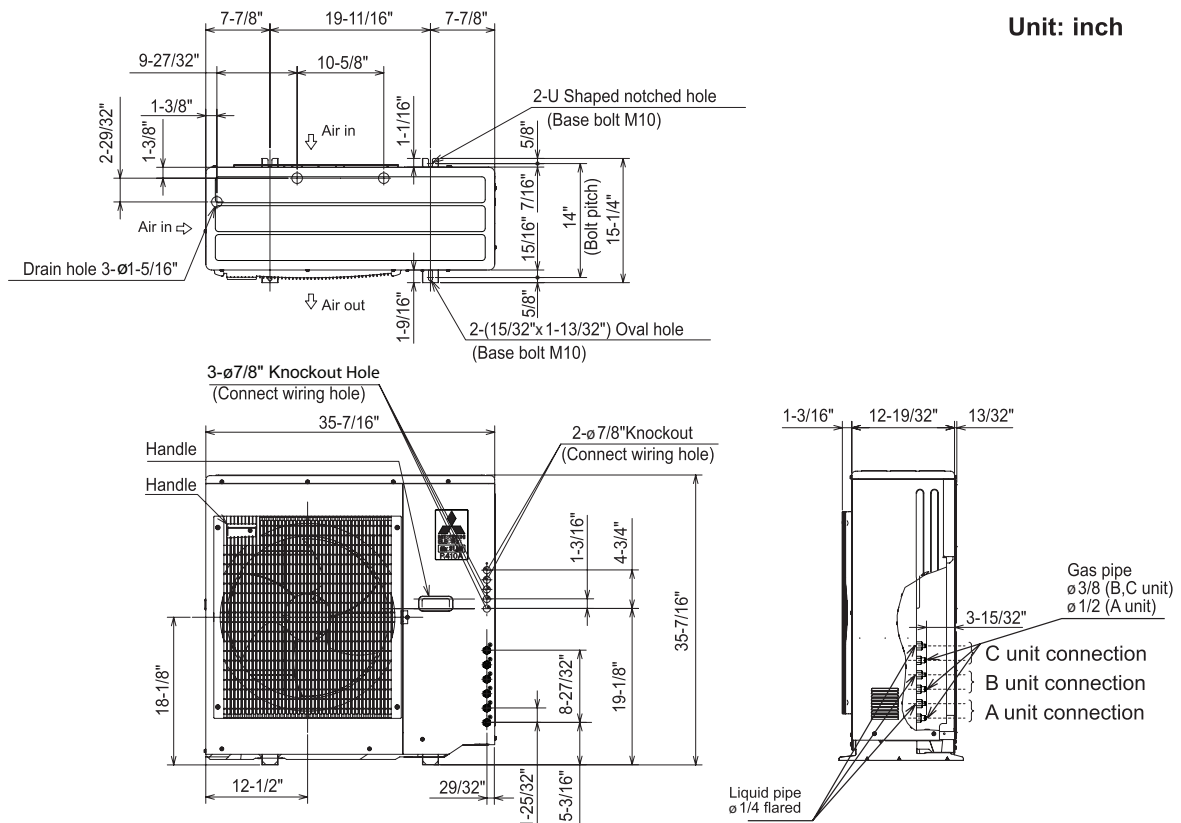
Indoor units combination	Cooling capacity (BTU/h)				Power consumption (W)	Current (A)		Power factor (%)
	Unit A	Unit B	Unit C	Total		208V	230V	
09+09	9,000	9,000	—	18,000 (12,000 ~ 18,000)	1,800 (920 ~ 1,800)	8.92	8.07	97
09+12	9,000	12,000	—	21,000 (12,000 ~ 21,000)	2,000 (920 ~ 2,000)	9.91	8.96	97
09+15	9,000	15,000	—	24,000 (12,000 ~ 24,000)	2,500 (920 ~ 2,500)	12.39	11.21	97
09+17	9,000	16,200	—	25,200 (12,000 ~ 25,200)	2,700 (920 ~ 2,700)	13.38	12.10	97
09+24	7,600	20,400	—	28,000 (12,000 ~ 28,000)	3,200 (920 ~ 3,200)	15.86	14.34	97
12+12	12,000	12,000	—	24,000 (12,000 ~ 24,000)	2,500 (920 ~ 2,500)	12.39	11.21	97
12+15	11,500	14,500	—	26,000 (12,000 ~ 26,000)	2,800 (920 ~ 2,800)	13.88	12.55	97
12+17	10,800	15,200	—	26,000 (12,000 ~ 26,000)	2,800 (920 ~ 2,800)	13.88	12.55	97
15+15	13,000	13,000	—	26,000 (12,000 ~ 26,000)	2,800 (920 ~ 2,800)	13.88	12.55	97
15+17	12,200	13,800	—	26,000 (12,000 ~ 26,000)	2,800 (920 ~ 2,800)	13.88	12.55	97
17+17	13,000	13,000	—	26,000 (12,000 ~ 26,000)	2,800 (920 ~ 2,800)	13.88	12.55	97
09+09+09	9,000	9,000	9,000	27,000 (12,600 ~ 27,000)	2,860 (1,000 ~ 2,850)	14.18	12.82	97
09+09+12	8,500	8,500	11,400	28,400 (12,600 ~ 28,400)	3,250 (1,000 ~ 3,250)	16.11	14.57	97
09+09+15	7,750	7,750	12,900	28,400 (12,600 ~ 28,400)	3,250 (1,000 ~ 3,250)	16.11	14.57	97
09+09+17	7,300	7,300	13,800	28,400 (12,600 ~ 28,400)	3,250 (1,000 ~ 3,250)	16.11	14.57	97

HEATING: MXZ-3A30NA

Indoor units combination	Heating capacity (BTU/h)				Power consumption (W)	Current (A)		Power factor (%)
	Unit A	Unit B	Unit C	Total		208V	230V	
09+09	10,900	10,900	—	21,800 (11,000 ~ 31,000)	1,700 (740 ~ 2,560)	8.43	7.62	97
09+12	10,900	13,600	—	24,500 (11,000 ~ 33,000)	1,980 (740 ~ 2,800)	9.81	8.87	97
09+15	10,100	16,900	—	27,000 (11,000 ~ 35,000)	2,200 (740 ~ 2,920)	10.90	9.86	97
09+17	9,300	17,700	—	27,000 (11,000 ~ 35,000)	2,200 (740 ~ 2,920)	10.90	9.86	97
09+24	7,300	19,700	—	27,000 (11,000 ~ 35,000)	1,980 (740 ~ 2,740)	9.81	8.87	97
12+12	13,500	13,500	—	27,000 (11,000 ~ 35,000)	2,200 (740 ~ 2,920)	10.90	9.86	97
12+15	12,000	15,000	—	27,000 (11,000 ~ 35,000)	2,160 (740 ~ 2,860)	10.71	9.68	97
12+17	11,200	15,800	—	27,000 (11,000 ~ 35,000)	2,140 (740 ~ 2,860)	10.61	9.59	97
15+15	13,500	13,500	—	27,000 (11,000 ~ 35,000)	2,120 (740 ~ 2,800)	10.51	9.50	97
15+17	12,700	14,300	—	27,000 (11,000 ~ 35,000)	2,110 (740 ~ 2,800)	10.46	9.46	97
17+17	13,500	13,500	—	27,000 (11,000 ~ 35,000)	2,100 (740 ~ 2,800)	10.41	9.41	97
09+09+09	9,500	9,500	9,500	28,500 (11,400 ~ 36,000)	2,180 (740 ~ 2,880)	10.80	9.77	97
09+09+12	8,600	8,600	11,400	28,600 (11,400 ~ 36,000)	2,180 (740 ~ 2,880)	10.80	9.77	97
09+09+15	7,800	7,800	13,000	28,600 (11,400 ~ 36,000)	2,180 (740 ~ 2,880)	10.80	9.77	97
09+09+17	7,350	7,350	13,900	28,600 (11,400 ~ 36,000)	2,180 (740 ~ 2,880)	10.80	9.77	97

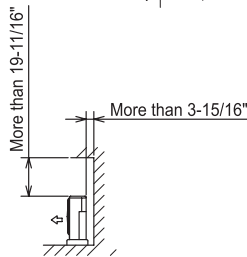
DIMENSIONS: MXZ-3A30NA

Unit: inch

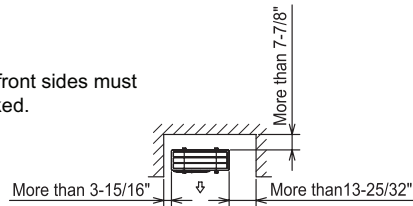


1. Installation space

Note: Front and both sides must remain unblocked.



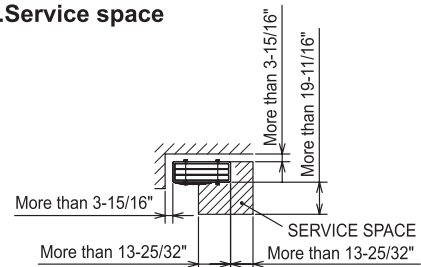
Note: Top and front sides must remain unblocked.



Note: Top, front and both sides must remain unblocked.



2. Service space



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Specifications are subject to change without notice.