MITSUBISHI ELECTRIC
HVAC Advanced Products Division

Mr.SLIM®
Split-ductless A/C and Heat Pumps

SUBMITTAL DATA: MSZ-A24NA & MUZ-A24NA

24,000 Btu/h WALL-MOUNTED HEAT PUMP SYSTEM

Job Name: Location: Date:

Purchaser: Engineer:

Submitted to: For ☐ Reference ☐ Approval ☐ Construction

Unit Designation: Schedule No.:

GENERAL FEATURES

- Limited warranty: one year on parts and defects and six years on compressor
- Compact side-discharge outdoor unit
- Zone control
- 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
- Auto changeover for cooling and heat

Cooling

Rated capacity	22,000 Btu/h
Minimum capacity	4,400 Btu/h
SEER	16.0 Btu/h/W
Total input	2880 W
Power supply	208 / 230V, 1 Phase, 60 Hz
Breaker size	20 A

Heating

Rated capacity	15,200 Btu/h
Minimum capacity	3,600 Btu/h
Total input	2350 W
HSPF (IV/V) (Btu/h/W)	8.2 / 6.7
COP	2.89 Btu/h/W

Voltage

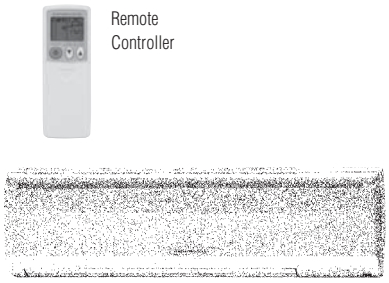
Indoor - Outdoor S1-S2	208 / 230V, 1 Phase, 60 Hz
Indoor - Outdoor S2-S3	12-24 VDC
Indoor - Remote Controller	wireless

Indoor unit

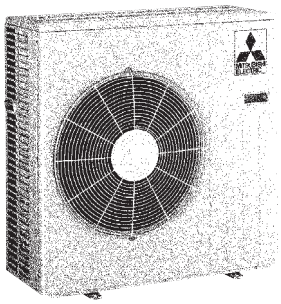
MCA	1.0 A
Fan motor	0.76 F.L.A.
Airflow (Lo-Med-Hi)	296-431-568 Dry CFM 265-385-508 Wet CFM
Sound level (Lo-Med-Hi)	34-40-49 dB(A)

DIMENSIONS		INCHES	MM
inches	W	43-5/16	1100
	D	10-1/4	260
	H	12-13/16	325

Weight (lbs/Kg)	37 / 17
Field drain pipe size I.D. (inches/mm)	1/2 / 12.7



Indoor Unit: MSZ-A24NA



Outdoor Unit: MUZ-A24NA

Outdoor Unit

MCA	17
Fan motor	0.93 F.L.A.
Sound level	55 dB(A)

DIMENSIONS		INCHES	MM
	W	33-1/16	840
	D	13	330
	H	33-7/16	849

Weight (lbs/Kg)	128 / 58
Refrigerant type	R410A
Refrigerant pipe size O.D. (inches/mm)	
gas side	5/8 / 15.88
liquid side	1/4 / 6.35
Max. refrigerant pipe length (ft/m)	100 / 30
Max. refrigerant pipe height difference (ft/m)	50 / 15
Connection method	flared

NOTES :

*1. Rating conditions (cooling)-indoor : D.B. 80°F, W.B. 67°F outdoor : D.B. 95°F, W.B. 75°F.

*2.Rating conditions (heating)-indoor : D.B. 70°F, W.B. 60°F outdoor : D.B. 17°F, W.B. 15°F.

Operating range

		Indoor intake air temp.	Outdoor intake air temp.
Cooling	Maximum	D.B. 95°F, W.B. 71°F	D.B. 115°F
	Minimum	D.B. 67°F, W.B. 57°F	D.B. 14°F *
Heating	Maximum	D.B. 80°F, W.B. 67°F	D.B. 70°F, W.B. 59°F
	Minimum	D.B. 70°F, W.B. 60°F	D.B. 12°F, W.B. 10°F

* Unit locks out at 10° FDB.

R410A INVERTER

Notes: