

## Submission Data: MSZ-GS36NA2-U1 & MUZ-GS36NAH2-U1

**36,000 BTU/H Wall-Mounted Heat Pump System**

Job Name:	Location:
Purchaser:	Submitted By:
Submitted To:	Reference:                      Approval:                      Construction:
Engineer:	Date:                                      Application:



- CN24 Auxiliary Heat Control
- Base Pan Heater

Images provided for reference purposes only

### Performance:

Cooling at 95°F <sup>1</sup>	Rated Capacity	Btu/h	33,200
	Capacity Range	Btu/h	10,300 - 33,200
	Rated Power Input	W	3,770
	Power Input Range	W	650 - 3,770
	Moisture Removal	pints/h	9.3
	Sensible Heat Factor		0.72
Heating at 47°F <sup>2</sup>	Rated Capacity	Btu/h	35,200
	Capacity Range	Btu/h	9,800 - 36,000
	Rated Power Input	W	3,740
	Power Input Range	W	590 - 4,000
Heating at 17°F <sup>3</sup>	Maximum Capacity	Btu/h	22,800
	Rated Capacity	Btu/h	21,600
	Capacity Range	Btu/h	NA - 22,800
	Maximum Power Input	W	2,920
	Rated Power Input	W	2,770
	Power Input Range	W	NA - 2,920
Heating at 5°F <sup>4</sup>	Maximum Capacity	Btu/h	17,470
	Maximum Power Input	W	2,600
Heating at -4°F <sup>5</sup>	Maximum Capacity	Btu/h	13,500

### Efficiency:

SEER2		18.4
EER2 <sup>1</sup>		8.8
HSPF2 (IV) (V)		8.3 / TBA
COP at 47°F <sup>2</sup>	Rated Capacity	2.75
COP at 17°F <sup>3</sup>	Maximum Capacity	2.28
COP at 5°F <sup>4</sup>	Maximum Capacity	1.96

### Outdoor Operating Temperature Range:

Cooling Operation Air Temp (Maximum / Minimum)* (Comfort cooling only applications)	°F (°C)	* 115 to 14 (46 to -10)
Cooling Operation Thermal Lock-out / Re-start Temperatures	°F (°C)	-4 / 0 (-20 / -18)
Heating Operation Air Temp (Maximum / Minimum)	°F (°C)	75 to -4 (24 to -20)
Heating Operation Thermal Lock-out / Re-start Temperatures	°F (°C)	-14 / -4 (-25 / -20)

AHRI Rated Conditions (Rated data is determined at a fixed compressor speed) (\* Windscreens required for cooling operations below 23°F (-5°C))

<sup>1</sup>Cooling (Indoor // Outdoor) 80°F (26.6°C) DB, 67°F (19.4°C) WB // 95°F (35°C) DB, 75°F (23.9°C) WB

<sup>2</sup>Heating at 47°F (8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 47°F (8.3°C) DB, 43°F (6.1°C) WB

<sup>3</sup>Heating at 17°F (-8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 17°F (-8.3°C) DB, 15°F (-9.4°C) WB

Rated conditions:

<sup>4</sup>Heating at 5°F (-15°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 5°F (-15°C) DB, 4°F (-15.6°C) WB

<sup>5</sup>Heating at -4°F (-20°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // -4°F (-20°C) DB, -15°F (-26.1°C) WB

**Note:**

1. Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved components and accessories for proper functioning of the unit(s). Use of non - MESCA supported components and accessories will affect warranty coverage. MESCA recommends (A) consideration of all applicable design and application parameters and requirements specific to any project.
2. Should any person change this document in any manner whatsoever without MESCA's written permission, the document shall be of no force and effect and any change shall be deemed to be a representation and warranty made by that person and not MESCA. That person, and not MESCA, shall assume full responsibility for the consequences of such changes. MESCA assumes no responsibility for any consequences in such cases.

**Electrical:**

Power Supply		208/230V, 1Ph, 60Hz
Voltage: Indoor - Outdoor, S1-S2	V AC	AC 208/230V
Voltage: Indoor - Outdoor, S2-S3	V DC	DC 12-24V
Short-circuit Current Rating (SCCR)	kA	5
Recommended Fuse/Breaker Size (Outdoor)	A	25
Recommended Wire Size (Indoor - Outdoor)	AWG	14

**Indoor Unit Specifications:**

MCA	A	1.0
Blower Motor Full Load Amperage	A	0.76
Blower Motor Output		NA
Airflow Rate at Cooling, Dry	CFM	379 - 613 - 710 - 932
Airflow Rate at Cooling, Wet	CFM	341 - 552 - 639 - 839
Airflow Rate at Heating, Dry	CFM	431 - 613 - 710 - 816
Sound Pressure Level (Cooling)	dB(A)	34 - 42 - 49 - 53
Sound Pressure Level (Heating)	dB(A)	34 - 42 - 49 - 50
Drain Pipe Size	In. (mm)	5/8 (15.88)
External Finish Color		Munsell 1.0Y 9.2/0.2
Unit Dimensions	W: In. (mm)	46-1/16 (1,170)
	D: In. (mm)	11-5/8 (295)
	H: In. (mm)	14-3/8 (365)
Unit Weight	Lbs. (kg)	45 (21)

**Outdoor Unit Specifications:**

MCA	A	23
MOCP	A	25
Fan Motor Output FLA	A	0.93
Airflow Rate (Cooling/Heating) (Low - Med. - High)	CFM	1,024 - 2,191 - 2,191 / 1,328 - 1,950 - 1,950
Sound Pressure Level, Cooling <sup>1</sup>	dB(A)	56
Sound Pressure Level, Heating <sup>1</sup>	dB(A)	57
Refrigerant Control		Linear expansion value
Compressor Oil Type / Charge	oz.	FV50S / 15.6
External Finish Color		Munsell 3Y 7.8/1.1
Unit Weight	Lbs. (kg)	123 (56)
Unit Dimensions	W: In. (mm)	33-1/16 (840)
	D: In. (mm)	13 (330)
	H: In. (mm)	34-5/8 (880)
Gas Pipe Size O.D. (Flared)	In. (mm)	5/8 (15.88)
Liquid Pipe Size O.D. (Flared)	In. (mm)	1/4 (6.35)
Maximum Piping Length	Ft. (m)	100 (30)
Maximum Height Difference	Ft. (m)	50 (15)

**Model No. Description: (Optional Controls)**

MELCO-RETAIL-MINI	Building Automated System DDC Interface
PAR-40MAAU	Wired Wall Mounted Remote Control
PAR-CT01MAU-SB	Touch Screen Wired Wall Mounted Control
PAC-YT53CRAU-J	Basic Wired Wall Mounted Control
MAC-1710RA-U	External Heat Control Adapter
PAM-4	Heater control relay
RMF-CA200-V1	Deluxe Thermostat Interface
MAC-334IF-E	System Control Interface
MAC-497	PAR Control Interface
MHK2	Wireless Wall Mounted Control

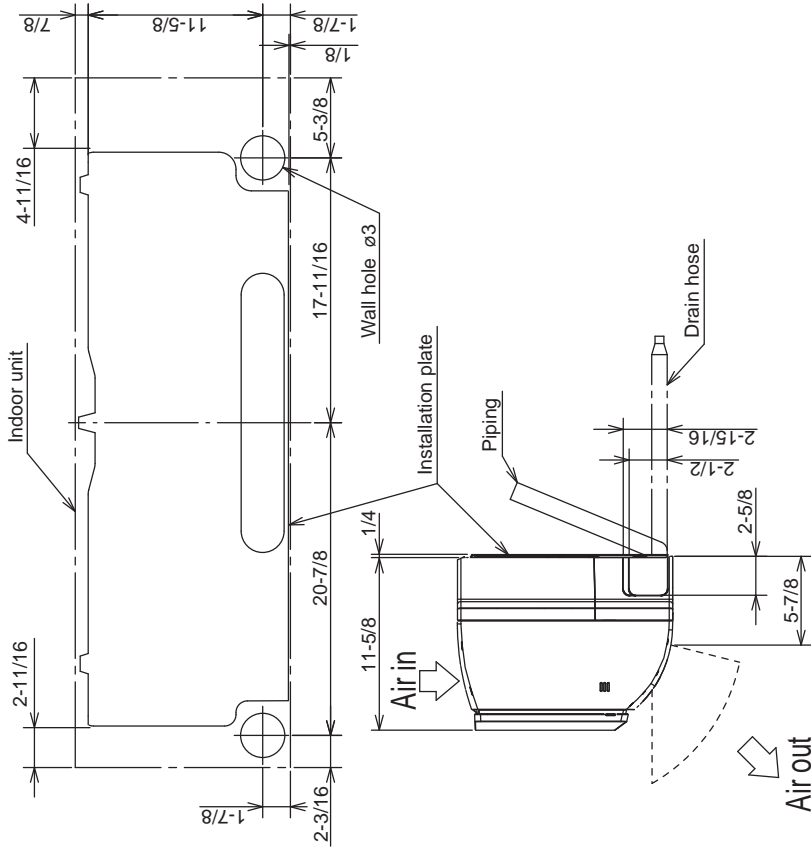
**Model No. Description: (Optional Accessories)**

CN24RELAYKITCM3	CN24 Relay Kit
TBA	Front Winscreens

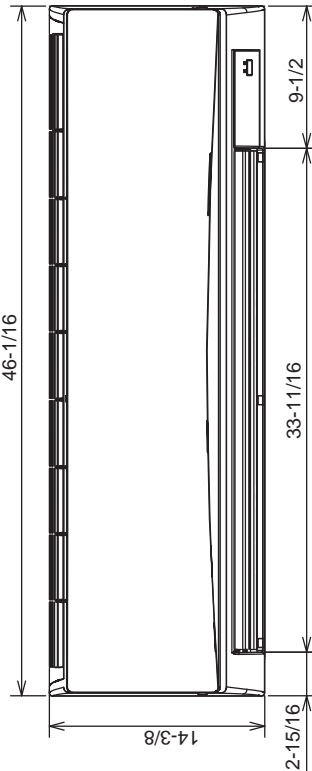
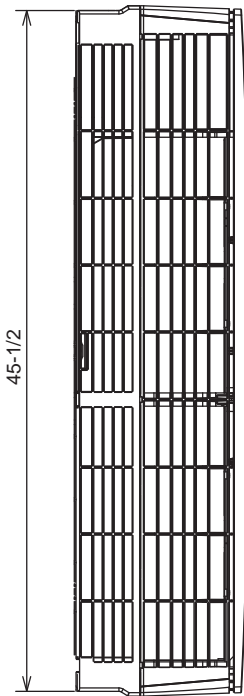
Notes:

**Indoor Unit Outline and Dimensions:**

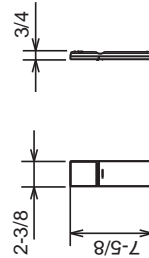
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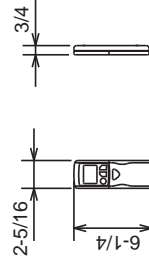
	PIPING	INSULATION
LIQUID LINE	φ 3/8 - 19-11/16 (FLARED CONNECTION φ 1/4)	φ 1-1/4 O.D. φ 9/16 I.D.
GAS LINE	φ 15/32 - 17- 3/4 (FLARED CONNECTION φ 5/8)	φ 1-7/16 O.D. φ 13/16 I.D.
DRAIN HOSE	INSULATION φ 1-1/8 CONNECTED PART φ 5/8 O.D.	



MSZ-GS30NA2 MSY-GS30NA2  
MSZ-GS36NA2 MSY-GS36NA2



MSZ-GS30NA MSY-GS30NA  
MSZ-GS36NA MSY-GS36NA



Wireless remote controller

**Outdoor Unit Outline and Dimensions:**

