

Submittal Data: MSZ-GS30NA2-U1 & MUZ-GS30NAH2-U1

30,000 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 ¹	Rated Capacity	Btu/h	30,600
	Capacity Range	Btu/h	10,300 - 30,700
	Rated Power Input	W	3,320
	Power Input Range	W	650 - 3,320
	Moisture Removal	pints/h	7.8
	Sensible Heat Factor		0.69
Heating at 47°F ²	Rated Capacity	Btu/h	32,600
	Capacity Range	Btu/h	9,800 - 34,000
	Rated Power Input	W	3,340
	Power Input Range	W	590 - 3,580
Heating at 17°F ³	Maximum Capacity	Btu/h	20,800
	Rated Capacity	Btu/h	20,000
	Capacity Range	Btu/h	NA - 20,800
	Maximum Power Input	W	2,600
	Rated Power Input	W	2,500
	Power Input Range	W	NA - 2,600
Heating at 5°F ⁴	Maximum Capacity	Btu/h	15,500
	Maximum Power Input	W	2,320
Heating at -4°F ⁵	Maximum Capacity	Btu/h	11,500

Efficiency:

SEER2		19.1
EER2 ¹		9.20
HSPF2 (IV) (V)		8.70 / TBA
COP at 47°F ²	Rated Capacity	2.85
COP at 17°F ³	Maximum Capacity	2.25
COP at 5°F ⁴	Maximum Capacity	1.95

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))

- ¹Cooling (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
- ²Heating 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
- ³Heating 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:
- ⁴Heating 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
- ⁵Heating at -13°F (-25°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // -13°F (-25°C) DB, -15°F (-26.1°C) WB

Note:

- 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.
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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	A	NA
Airflow Rate at Cooling, Dry	CFM	374 - 602 - 699 - 915
Airflow Rate at Cooling, Wet	CFM	336 - 542 - 629 - 823
Airflow Rate at Heating, Dry	CFM	423 - 602 - 699 - 803
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 - 1,975 - 2,191 / 1,328 - 1,950 - 1,950
Sound Pressure Level, Cooling ¹	dB(A)	55
Sound Pressure Level, Heating ¹	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:

Submittal 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 ¹	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 ²	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 ³	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 ⁴	Maximum Capacity	Btu/h	17,470
	Maximum Power Input	W	2,600
Heating at -4°F ⁵	Maximum Capacity	Btu/h	13,500

Efficiency:

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

- ¹Cooling (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
- ²Heating 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
- ³Heating 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:
- ⁴Heating 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
- ⁵Heating at -13°F (25°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // -13°F (-25°C) DB, -15°F (-26.1°C) WB

Note:

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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 ¹	dB(A)	56
Sound Pressure Level, Heating ¹	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:

Submittal Data: MSY-GS30NA2-U1 & MUY-GS30NA2-U1

30,000 BTU/H Wall-Mounted Air-Conditioning System

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



Images provided for reference purposes only

Performance:

Cooling at 95°F ¹	Rated Capacity	Btu/h	30,600
	Capacity Range	Btu/h	10,300 - 30,700
	Rated Power Input	W	3,320
	Power Input Range	W	650 - 3,320
	Moisture Removal	pints/h	7.8

Efficiency:

SEER2	19.2
EER2 ¹	9.2

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)

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

Model No. Description: (Optional Accessories)

TBA	Front Winscreens

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
RMF-CA200-V1	Deluxe Thermostat Interface
MAC-334IF-E	System Control Interface
MAC-497	PAR Control Interface
MHK2	Wireless Wall Mounted Control

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

¹ Rating conditions (Cooling) — Indoor: 80°FDB, 67°FWB, Outdoor: 95°FDB, (75°FWB)

Note:

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Indoor Unit Specifications:

MCA	A	1.0
Blower Motor Full Load Amperage	A	0.76
Blower Motor Output	W	NA
Airflow Rate at Cooling, Dry	CFM	374 - 602 - 699 - 915
Airflow Rate at Cooling, Wet	CFM	336 - 542 - 629 - 823
Sound Pressure Level (Cooling)	dB(A)	32 - 42 - 49 - 53
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	22
MOCP	A	25
Fan Motor Output FLA	A	0.93
Airflow Rate (Cooling) (Low - Med. - High)	CFM	1,010 - 1,990 - 2,229
Sound Pressure Level, Cooling ¹	dB(A)	55
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)	112 (51)
	W: In. (mm)	33-1/16 (840)
	D: In. (mm)	13 (330)
Unit Dimensions	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)

Submittal Data: MSY-GS36NA2-U1 & MUY-GS36NA2-U1

36,000 BTU/H Wall-Mounted Air-Conditioning System

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



Images provided for reference purposes only

Performance:

Cooling at 95°F ¹	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

Efficiency:

SEER2	18.5
EER2 ¹	8.8

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)

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

Model No. Description: (Optional Accessories)

TBA	Front Winscreens

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
RMF-CA200-V1	Deluxe Thermostat Interface
MAC-334IF-E	System Control Interface
MAC-497	PAR Control Interface
MHK2	Wireless Wall Mounted Control

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

¹ Rating conditions (Cooling) — Indoor: 80°FDB, 67°FWB, Outdoor: 95°FDB, (75°FWB)

Note:

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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
Sound Pressure Level (Cooling)	dB(A)	34 - 42 - 49 - 53
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	22
MOCP	A	25
Fan Motor Output FLA	A	0.93
Airflow Rate (Cooling) (Low - Med. - High)	CFM	1,010 - 2,070 - 2,229
Sound Pressure Level, Cooling ¹	dB(A)	56
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)	112 (51)
	W: In. (mm)	33-1/16 (840)
	D: In. (mm)	13 (330)
Unit Dimensions	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)