

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HM09NA-U1



Wireless Remote Controller



Outdoor Unit: MUZ-HM09NA2-U8

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-Allergy Enzyme Filter (MAC-408FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Outdoor Unit

- ☐ Outdoor Mounting Pad (ULTRILITE1)
- ☐ Drain Pan Heater (MAC-640BH-U)
- ☐ 3-1/4" Mounting Base [Pair] (DSD-400P)
- ☐ Drain Pan Socket (MAC-860DS)
- ☐ Air Outlet Guide (MAC-889SG)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)			
Cooling ¹	Btu/h / W	9,000 / 750	
Heating at 47° F ²	Btu/h / W	10,900 / 900	

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	3,800	10,000
Heating at 47° F ²	Btu/h	4,500	11,800
Heating at 17° F ³	Btu/h	-	7,200
Heating at 5° F ⁴	Btu/h	-	6,000

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*² Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 47° F (8° C) DB / 43° F (6° C) WB*³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB*⁴ Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB

* Rating Conditions per AHRI Standard:

Operating Conditions (Indoor Intake Air Temp.) (Max./ Min.)	
Cooling	90° F (32° C) DB / 67° F (19° C) DB
Heating	80° F (27° C) DB / 70° F (21° C) DB

Operating Conditions (Outdoor Intake Air Temp.) (Max./ Min.)	
Cooling ⁵	115 F (46° C) DB / 14° F (-10° C) DB
Heating	75° F (24° C) DB / 5° F (-15° C) DB**

⁵ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

** System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).

AHRI Efficiency Ratings	
SEER / HSPF	18 / 8.5
COP at 47° F / 17° F	3.55 / 2.8

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	1.0 / 12

Indoor Unit		
Blower Motor (ECM)	F.L.A.	0.76
Blower Motor Output	W	30
SHF / Moisture Removal		0.82 / 1.5 pt./h
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.5

Airflow Rate (Lo - Med - Hi - Super Hi)			
Indoor (Cooling)	DRY	CFM	170-237-321-399
	WET		134-201-286-364
Indoor (Heating)	DRY	CFM	170-237-321-406
Outdoor			1,151 / 1 ,225

Sound Pressure Level (Lo - Med - Hi - Super Hi)			
Indoor	Cooling	dB(A)	22-30-37-43
	Heating		22-30-37-43
Outdoor	Cooling	dB(A)	46
	Heating		50

External Dimensions		
Indoor (H x W x D)	In.(mm)	11-5/8 x 31-7/16 x 9-1/8 (295 x 798 x 232)
Outdoor (H x W x D)		21-5/8 x 31-1/2 x 11-1/4 (550 x 800 x 285)

Net Weight		
Indoor	Lbs.(kg)	22 (10)
Outdoor		73 (33)

External Finish	
Indoor	Munsell 1.0Y 9.2 / 0.2
Outdoor	Munsell No. 3Y 7.8 / 1.1

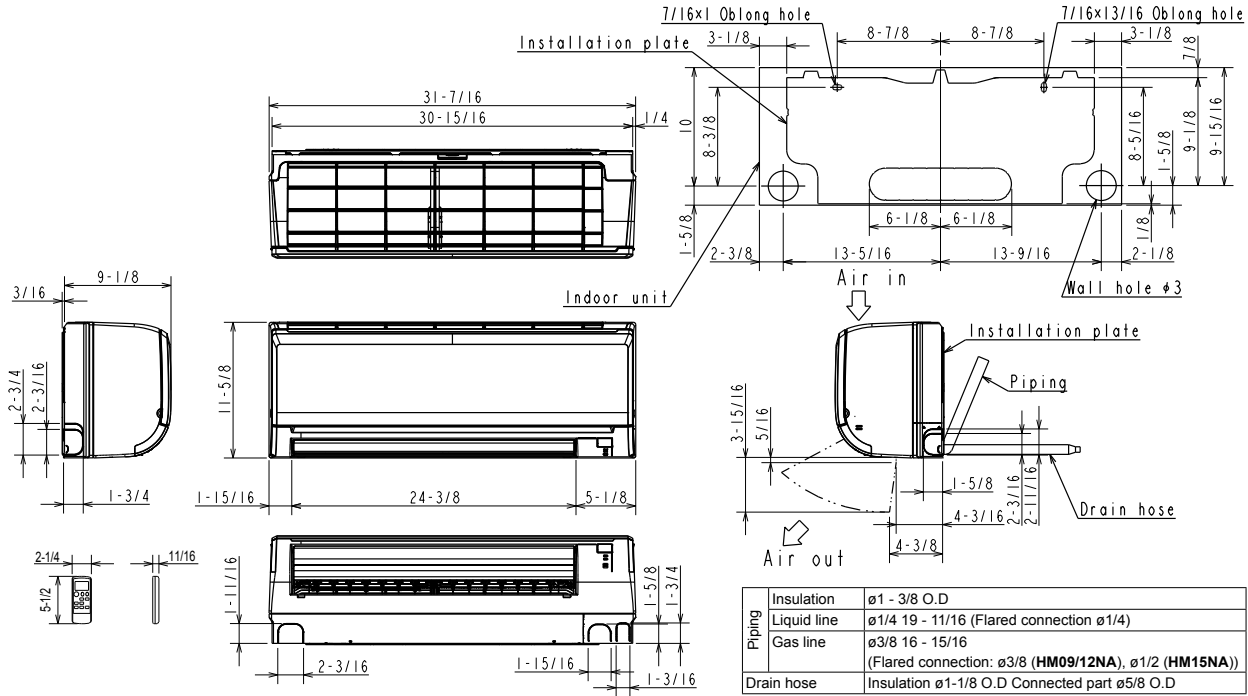
Refrigerant	R410A; 1 lb. 12 oz.
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)
Max. Total Refrigerant Pipe Length (Height Diff.)	Ft. (m)	40 (12)
Max. Total Refrigerant Pipe Length (Length.)		65 (20)

DIMENSIONS: MSZ-HM09NA-U1 & MUZ-HM09NA2-U8

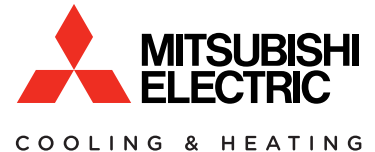
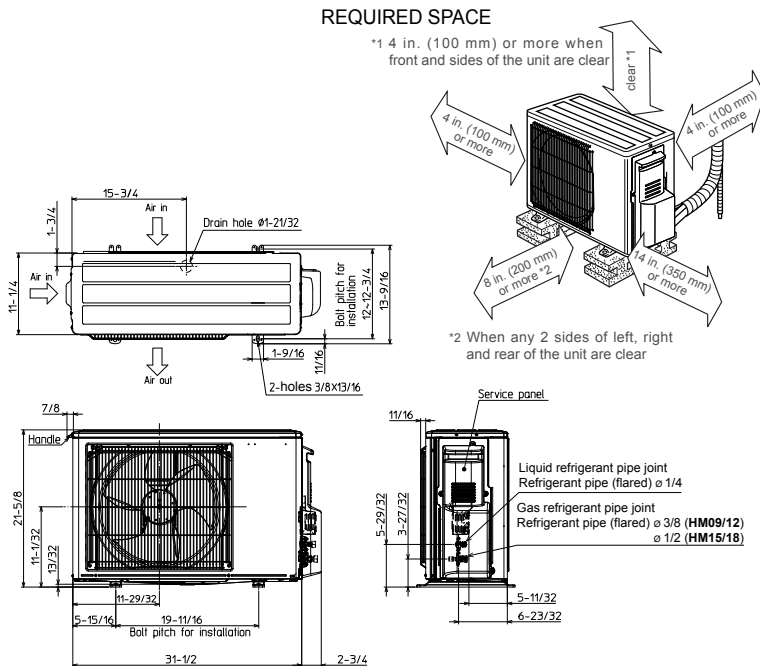
MSZ-HM09NA-U1

Unit: in. (mm)



MUZ-HM09NA2-U8

Unit: in. (mm)



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Job Name:		
System Reference:		Date:



Indoor Unit: MSZ-HM12NA-U1



Wireless Remote Controller



Outdoor Unit: MUZ-HM12NA2-U8

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-Allergy Enzyme Filter (MAC-408FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Outdoor Unit

- ☐ Outdoor Mounting Pad (ULTRILITE1)
- ☐ Drain Pan Heater (MAC-640BH-U)
- ☐ 3-1/4" Mounting Base [Pair] (DSD-400P)
- ☐ Drain Pan Socket (MAC-860DS)
- ☐ Air Outlet Guide (MAC-889SG)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)		
Cooling ¹	Btu/h / W	12,000 / 1,210
Heating at 47° F ²	Btu/h / W	12,200 / 990

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	3,800	12,200
Heating at 47° F ²	Btu/h	4,500	14,500
Heating at 17° F ³	Btu/h	-	9,000
Heating at 5° F ⁴	Btu/h	-	7,500

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*

² Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 47° F (8° C) DB / 43° F (6° C) WB*

³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB*

⁴ Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB*

* Rating Conditions per AHRI Standard:

Operating Conditons (Indoor Intake Air Temp.) (Max./ Min.)	
Cooling	90° F (32° C) DB / 67° F (19° C) DB
Heating	80° F (27° C) DB / 70° F (21° C) DB

Operating Conditons (Outdoor Intake Air Temp.) (Max./ Min.)	
Cooling ⁵	115 F (46° C) DB / 14° F (-10° C) DB
Heating	75° F (24° C) DB / 5° F (-15° C) DB**

⁵ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

** System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).

AHRI Efficiency Ratings	
SEER / HSPF	18 / 8.5
COP at 47° F / 17° F	3.61 / 2.78

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	1.0 / 12

Indoor Unit		
Blower Motor (ECM)	F.L.A.	0.76
Blower Motor Output	W	30
SHF / Moisture Removal		0.77 / 2.5 pt./h
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.5

Airflow Rate (Lo - Med - Hi - Super Hi)			
Indoor (Cooling)	DRY	CFM	170-237-321-399
	WET		134-201-286-364
Indoor (Heating)	DRY		170-237-321-406
Outdoor			1,243 / 1,229

Sound Pressure Level (Lo - Med - Hi - Super Hi)			
Indoor	Cooling	dB(A)	22-30-37-45
	Heating		22-30-37-43
Outdoor	Cooling		49
	Heating		51

External Dimensions		
Indoor (H x W x D)	In.(mm)	11-5/8 x 31-7/16 x 9-1/8 (295 x 798 x 232)
Outdoor (H x W x D)		21-5/8 x 31-1/2 x 11-1/4 (550 x 800 x 285)

Net Weight		
Indoor	Lbs.(kg)	22 (10)
Outdoor		73 (33)

External Finish	
Indoor	Munsell 1.0Y 9.2 / 0.2
Outdoor	Munsell No. 3Y 7.8 / 1.1

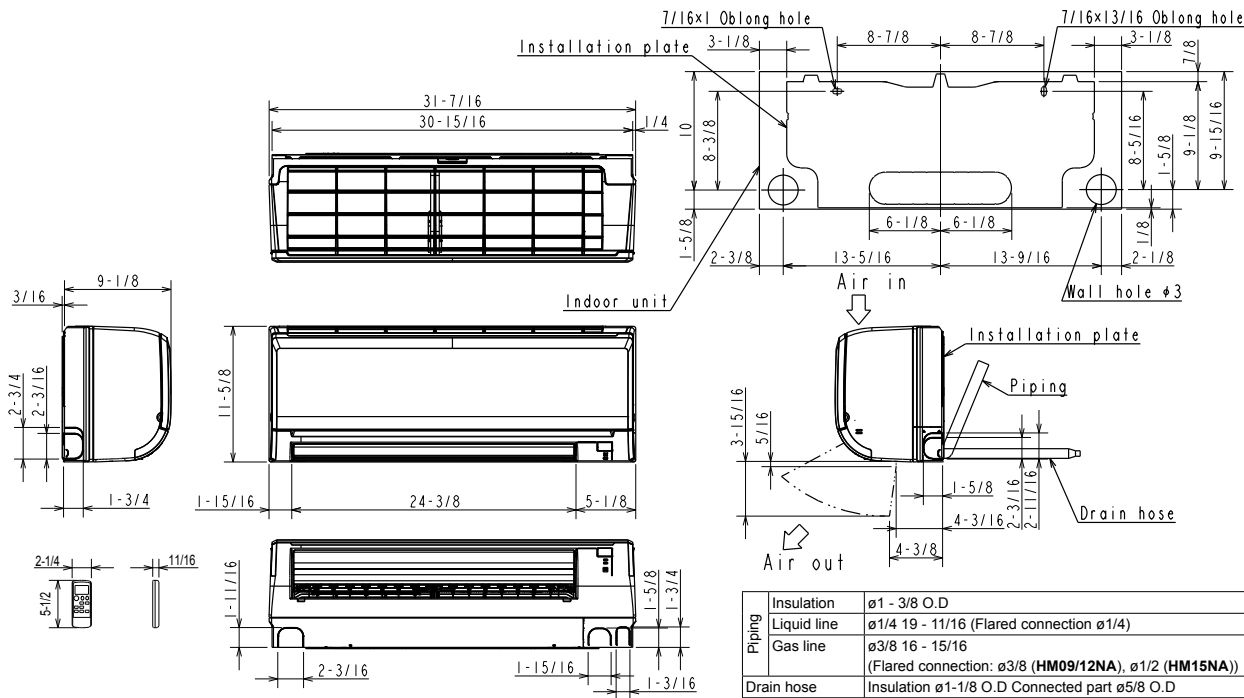
Refrigerant	R410A; 2 lb. 9 oz.
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)
Max. Total Refrigerant Pipe Length (Height Diff.)	Ft. (m)	40 (12)
Max. Total Refrigerant Pipe Length (Length.)		65 (20)

DIMENSIONS: MSZ-HM12NA-U1 & MUZ-HM12NA2-U8

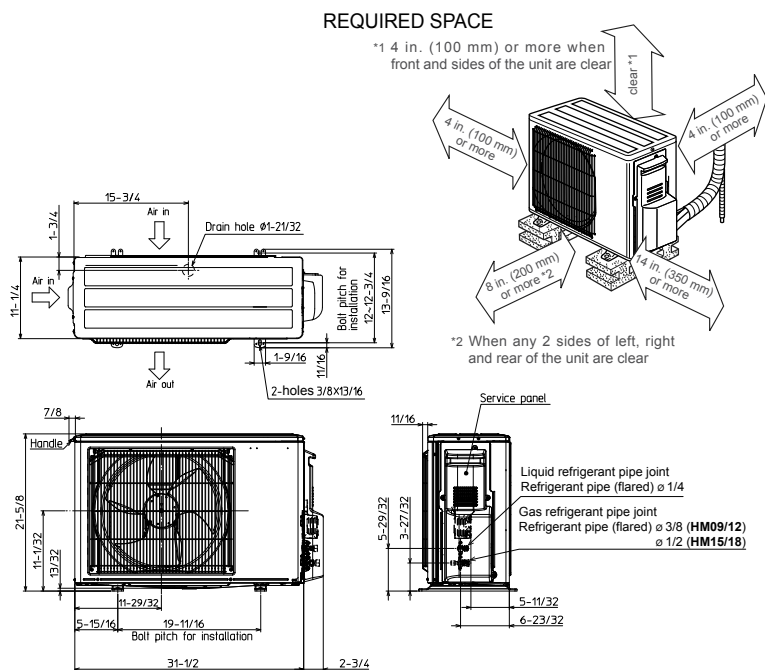
MSZ-HM12NA-U1

Unit: in. (mm)



MUZ-HM12NA2-U8

Unit: in. (mm)



MITSUBISHI ELECTRIC
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Job Name:

System Reference:

Date:



Indoor Unit: MSZ-HM15NA-U1



Wireless Remote Controller



Outdoor Unit: MUZ-HM15NA2-U1

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-Allergy Enzyme Filter (MAC-408FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Outdoor Unit

- ☐ Outdoor Mounting Pad (ULTRILITE1)
- ☐ Drain Pan Heater (MAC-640BH-U)
- ☐ 3-1/4" Mounting Base [Pair] (DSD-400P)
- ☐ Drain Pan Socket (MAC-860DS)
- ☐ Air Outlet Guide (MAC-889SG)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

SPECIFICATIONS:**Rated Conditions (Capacity / Input)**

Cooling ¹	Btu/h / W	14,000 / 1,170
Heating at 47° F ²	Btu/h / W	18,000 / 1,600

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	3,100	16,000
Heating at 47° F ²	Btu/h	4,800	18,500
Heating at 17° F ³	Btu/h	-	14,000
Heating at 5° F ⁴	Btu/h	-	11,800

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*² Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 47° F (8° C) DB / 43° F (6° C) WB*³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB*⁴ Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB*

* Rating Conditions per AHRI Standard:

Operating Conditons (Indoor Intake Air Temp.) (Max./ Min.)

Cooling	90° F (32° C) DB / 67° F (19° C) DB
Heating	80° F (27° C) DB / 70° F (21° C) DB

Operating Conditons (Outdoor Intake Air Temp.) (Max./ Min.)

Cooling ⁵	115 F (46° C) DB / 14° F (-10° C) DB
Heating	75° F (24° C) DB / 5° F (-15° C) DB**

⁵ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

** System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).

AHRI Efficiency Ratings

SEER / HSPF	18 / 8.5
COP at 47° F / 17° F	3.30 / 2.55

Electrical Power Requirements

208 / 230V, 1-Phase, 60 Hz

Minimum Circuit Ampacity (MCA)

Indoor / Outdoor	A	1 / 10
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Indoor Unit

Blower Motor (ECM)	F.L.A.	0.76
Blower Motor Output	W	30
SHF / Moisture Removal		0.78 / 2.7 pt./h
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)

Outdoor Unit

Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.5

Airflow Rate (Lo - Med - Hi - Super Hi)

Indoor (Cooling)	DRY	CFM	272-335-420-533
	WET		237-300-385-498
Indoor (Heating)	DRY		247-304-367-463
Outdoor			1,243 / 1,229

Sound Pressure Level (Lo - Med - Hi - Super Hi)

Indoor	Cooling	dB(A)	32-38-44-49
	Heating		30-35-40-46
Outdoor	Cooling		49
	Heating		51

External Dimensions

Indoor (H x W x D)	In.(mm)	11-5/8 x 31-7/16 x 9-1/8 (295 x 798 x 232)
Outdoor (H x W x D)		21-5/8 x 31-1/2 x 11-1/4 (550 x 800 x 285)

Net Weight

Indoor	Lbs.(kg)	22 (10)
Outdoor		81 (37)

External Finish

Indoor	Munsell 1.0Y 9.2 / 0.2
Outdoor	Munsell No. 3Y 7.8 / 1.1

Refrigerant

R410A; 2 lb. 9 oz.

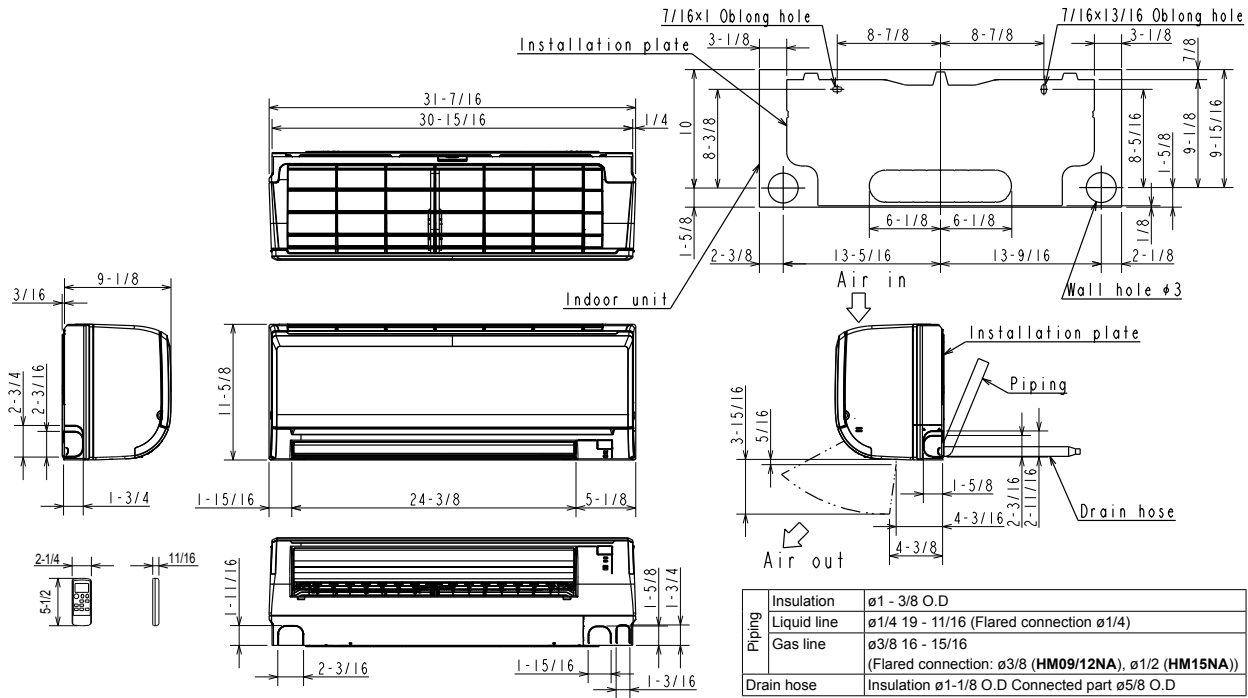
Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)
Max. Total Refrigerant Pipe Length (Height Diff.)	Ft. (m)	40 (12)
Max. Total Refrigerant Pipe Length (Length.)		65 (20)

DIMENSIONS: MSZ-HM15NA-U1 & MUZ-HM15NA2-U1

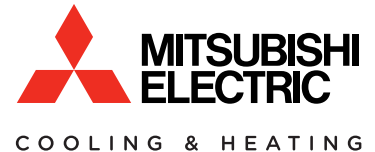
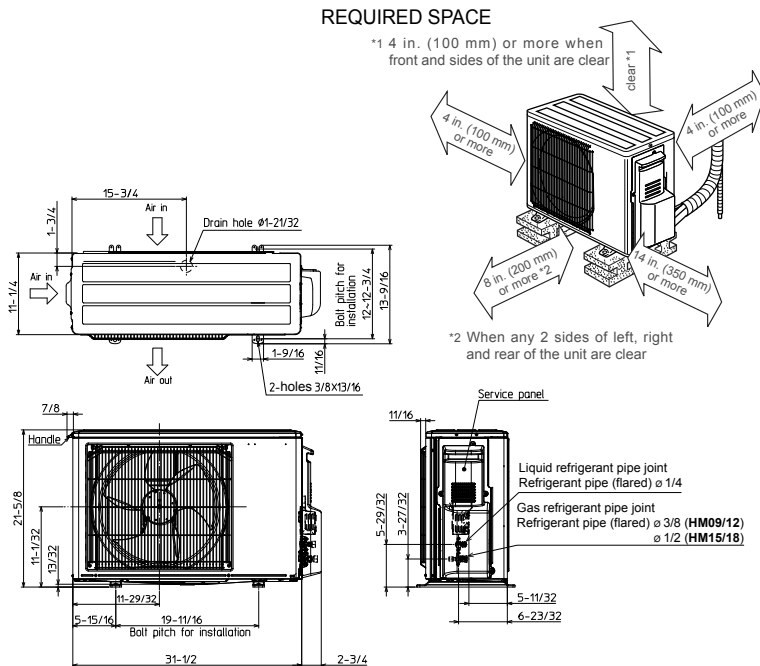
MSZ-HM15NA-U1

Unit: in. (mm)



MUZ-HM15NA2-U1

Unit: in. (mm)



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Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HM18NA-U1



Wireless Remote Controller



Outdoor Unit: MUZ-HM18NA2-U1

ACCESSORIES:

Indoor Unit

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-Allergy Enzyme Filter (MAC-408FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Outdoor Unit

- ☐ Outdoor Mounting Pad (ULTRILITE1)
- ☐ Drain Pan Heater (MAC-640BH-U)
- ☐ 3-1/4" Mounting Base [Pair] (DSD-400P)
- ☐ Drain Pan Socket (MAC-860DS)
- ☐ Air Outlet Guide (MAC-889SG)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)		
Cooling ¹	Btu/h / W	17,200 / 1,640
Heating at 47° F ²	Btu/h / W	18,000 / 1,590

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	5,800	18,000
Heating at 47° F ²	Btu/h	5,400	20,900
Heating at 17° F ³	Btu/h	-	15,000
Heating at 5° F ⁴	Btu/h	-	12,700

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*

² Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 47° F (8° C) DB / 43° F (6° C) WB*

³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB*

⁴ Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB

* Rating Conditions per AHRI Standard:

Operating Conditons (Indoor Intake Air Temp.) (Max./ Min.)	
Cooling	90° F (32° C) DB / 67° F (19° C) DB
Heating	80° F (27° C) DB / 70° F (21° C) DB

Operating Conditons (Outdoor Intake Air Temp.) (Max./ Min.)	
Cooling ⁵	115 F (46° C) DB / 14° F (-10° C) DB
Heating	75° F (24° C) DB / 5° F (-15° C) DB**

⁵ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

** System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).

AHRI Efficiency Ratings	
SEER / HSPF	18.0 / 8.5
COP at 47° F / 17° F	3.32 / 2.59

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	1 / 10

Indoor Unit		
Blower Motor (ECM)	F.L.A.	0.67
Blower Motor Output	W	30
SHF / Moisture Removal		0.86 / 2.1 pt./h
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.5

Airflow Rate (Lo - Med - Hi - Super Hi)			
Indoor (Cooling)	DRY	CFM	328-431-530-625
	WET		295-388-477-562
Indoor (Heating)	DRY		307-431-530-625
Outdoor			1,243 / 1,229

Sound Pressure Level (Lo - Med - Hi - Super Hi)			
Indoor	Cooling	dB(A)	30-37-42-47
	Heating		30-37-42-47
Outdoor	Cooling		49
	Heating		51

External Dimensions		
Indoor (H x W x D)	In.(mm)	12 x 36-5/16 x 9-13/16 (305 x 923 x 250)
Outdoor (H x W x D)		21-5/8 x 31-1/2 x 11-1/4 (550 x 500 x 285)

Net Weight		
Indoor	Lbs.(kg)	28 (13)
Outdoor		81 (37)

External Finish	
Indoor	Munsell 1.0Y 9.2 / 0.2
Outdoor	Munsell No. 3Y 7.8 / 1.1

Refrigerant	R410A; 2 lb. 10 oz.
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)
Max. Total Refrigerant Pipe Length (Height Diff.)	Ft. (m)	40 (12)
Max. Total Refrigerant Pipe Length (Length.)		65 (20)

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HM24NA-U1



Wireless Remote Controller



Outdoor Unit: MUZ-HM24NA2-U1

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-Allergy Enzyme Filter (MAC-408FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Outdoor Unit

- ☐ Outdoor Mounting Pad (ULTRILITE1)
- ☐ Drain Pan Heater (MAC-642BH-U)
- ☐ 3-1/4" Mounting Base [Pair] (DSD-400P)
- ☐ Drain Pan Socket (MAC-851DS)
- ☐ Air Outlet Guide (MAC-886SG-E)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

SPECIFICATIONS:

Rated Conditions (Capacity / Input)		
Cooling ¹	Btu/h / W	22,500 / 2,630
Heating at 47° F ²	Btu/h / W	26,000 / 2,500

Capacity Range		Minimum	Maximum
Cooling ¹	Btu/h	5,800	22,500
Heating at 47° F ²	Btu/h	5,400	26,000
Heating at 17° F ³	Btu/h	-	18,500
Heating at 5° F ⁴	Btu/h	-	15,000

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB; Outdoor: 95° F (35° C) DB / 75° F (24° C) WB*² Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 47° F (8° C) DB / 43° F (6° C) WB*³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB*⁴ Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB; Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB

* Rating Conditions per AHRI Standard:

Operating Conditions (Indoor Intake Air Temp.) (Max./ Min.)	
Cooling	90° F (32° C) DB / 67° F (19° C) DB
Heating	80° F (27° C) DB / 70° F (21° C) DB

Operating Conditions (Outdoor Intake Air Temp.) (Max./ Min.)	
Cooling ⁵	115 F (46° C) DB / 14° F (-10° C) DB
Heating	75° F (24° C) DB / 5° F (-15° C) DB**

⁵ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

** System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).

AHRI Efficiency Ratings	
SEER / HSPF	18.0 / 8.5
COP at 47° F / 17° F	3.05 / 2.36

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz
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Minimum Circuit Ampacity (MCA)		
Indoor / Outdoor	A	1 / 14

Specifications are subject to change without notice.

Indoor Unit		
Blower Motor (ECM)	F.L.A.	0.67
Blower Motor Output	W	30
SHF / Moisture Removal		0.87 / 2.3 pt./h
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)

Outdoor Unit		
Compressor		DC INVERTER-driven Twin Rotary
Fan Motor (ECM)	F.L.A.	0.93

Airflow Rate (Lo - Med - Hi - Super Hi)			
Indoor (Cooling)	DRY	CFM	353-431-530-702
	WET		318-388-477-632
Indoor (Heating)	DRY		346-448-579-702
Outdoor			1,691 / 1,691

Sound Pressure Level (Lo - Med - Hi - Super Hi)			
Indoor	Cooling	dB(A)	33-38-44-50
	Heating		32-38-44-50
Outdoor	Cooling		54
	Heating		55

External Dimensions		
Indoor (H x W x D)	In.(mm)	12 x 36-5/16 x 9-13/16 (305 x 923 x 250)
Outdoor (H x W x D)		34-5/8 x 33-1/16 x 13 (880 x 840 x 330)

Net Weight		
Indoor	Lbs.(kg)	28 (13)
Outdoor		121 (55)

External Finish	
Indoor	Munsell 1.0Y 9.2 / 0.2
Outdoor	Munsell No. 3Y 7.8 / 1.1

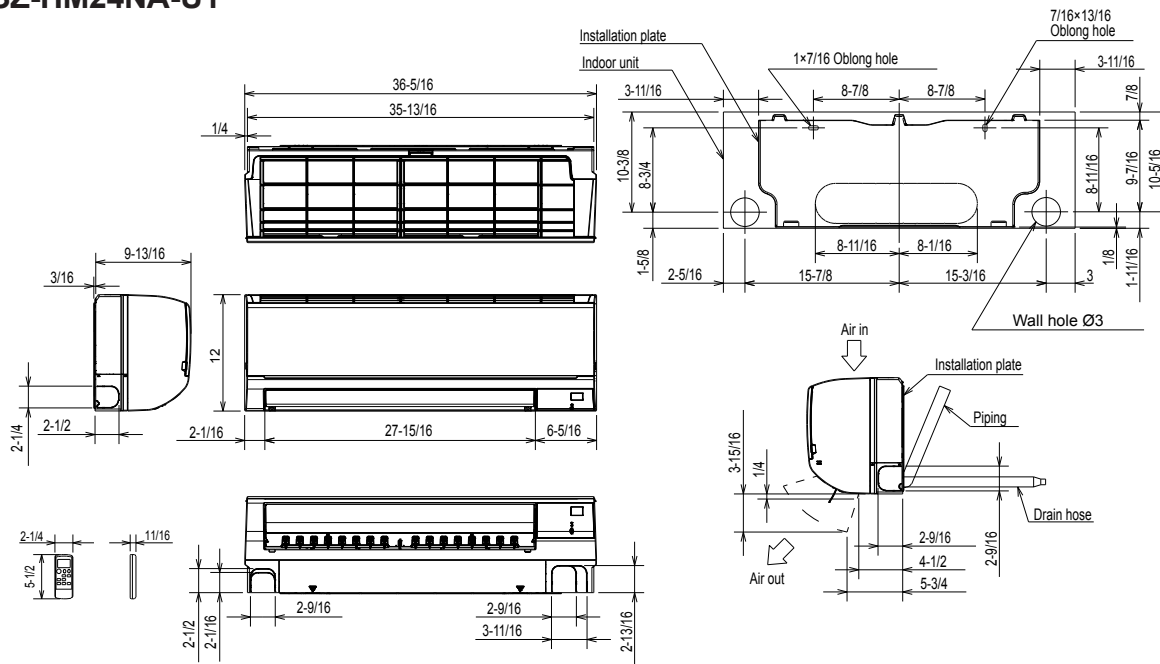
Refrigerant	R410A; 3 lb. 9 oz.
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	3/8 (9.52)
Gas (Low Pressure)		5/8 (15.88)
Max. Total Refrigerant Pipe Length (Height Diff.)	Ft. (m)	50 (15)
Max. Total Refrigerant Pipe Length (Length.)		100 (30)

DIMENSIONS: MSZ-HM24NA-U1 & MUZ-HM24NA2-U1

MSZ-HM24NA-U1

Unit: in. (mm)



MSZ-HM18NA

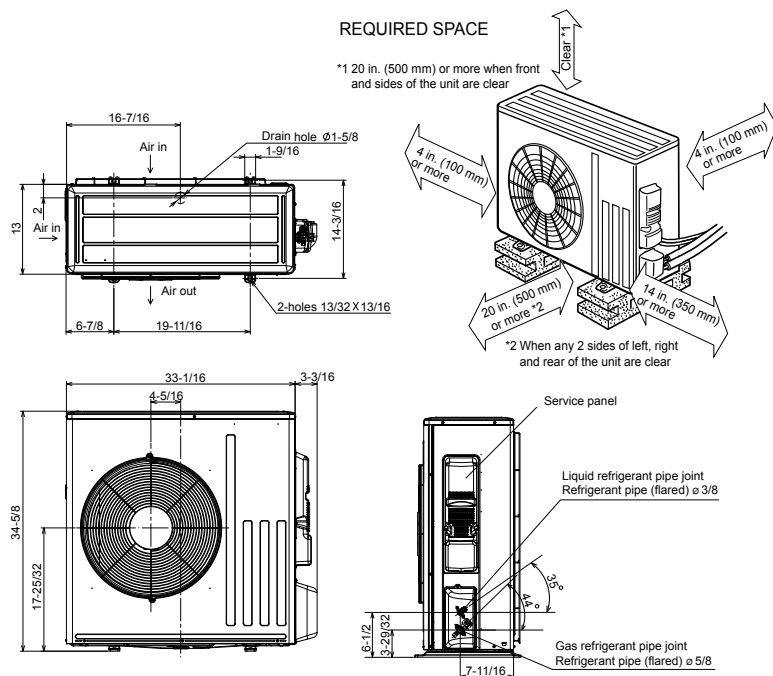
Insulation	Ø2 O.D
Piping	Liquid line Ø5/16 15-3/8 (Flared connection Ø1/4)
	Gas line Ø15/32 13-3/8 (Flared connection Ø1/2)
Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D

MSZ-HM24NA

Insulation	Ø2 O.D
Piping	Liquid line Ø5/16 15-3/8 (Flared connection Ø3/8)
	Gas line Ø15/32 13-3/8 (Flared connection Ø5/8)
Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D

MUZ-HM24NA2-U1

Unit: in. (mm)



MITSUBISHI ELECTRIC
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