

SUBMITTAL DATA: MSY-D36NA & MUY-D36NA

36,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEM

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

GENERAL FEATURES

- Catechin and anti-allergy enzyme filters for high air-purification capabilities
- Updated sleek, compact indoor unit design
- Remote-controlled wide airflow enables ideal horizontal air distribution
- Self-check function—onboard diagnostics
- Advanced microprocessor control
- Auto restart following a power outage
- Hand-held Wireless Remote Controller
- Anti-allergy Enzyme Filter
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES
Outdoor Unit

- ☐ Drain Socket Assembly (MAC-811DS)

Indoor Unit

- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Condensate Pump (230V; S13100-230)

Controller Options

- ☐ Wall-mounted Wired Remote Controller (PAR-21MAA; req. MAC-3971F)
- ☐ MA Contact Terminal Interface (MAC-3971F)
- ☐ M-NET Control Adapter (MAC-3991F)
- ☐ Remote Temperature Sensor (M21-JKO-307)
- ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)

Cooling*

Rated Capacity 34,600 Btu/h
Minimum Capacity 9,800 Btu/h
SEER 15.1 Btu/h/W
Total Input 4,240 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.

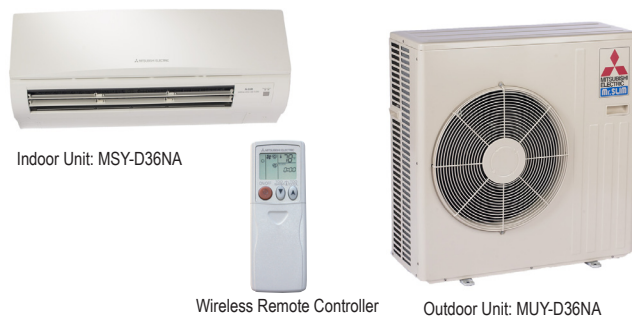
Power Supply 208 / 230V, 1-Phase, 60 Hz
Breaker Size 25 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC 12-24V
Indoor - Remote Controller Wireless

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB


Indoor Unit

MCA 1 A
Fan Motor 0.76 F.L.A.
Airflow
Cooling (Lo - Med - Hi - Powerful) 389 - 639 - 848 - 887 Dry CFM
350 - 576 - 763 - 798 Wet CFM
Sound Pressure Level
Cooling (Lo - Med - Hi - Powerful) 32 - 42 - 49 - 51 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	46-1/16 / 1,170
D	11-5/8 / 295
H	14-3/8 / 365

Weight 40 lbs. / 18 kg
External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Outdoor Unit

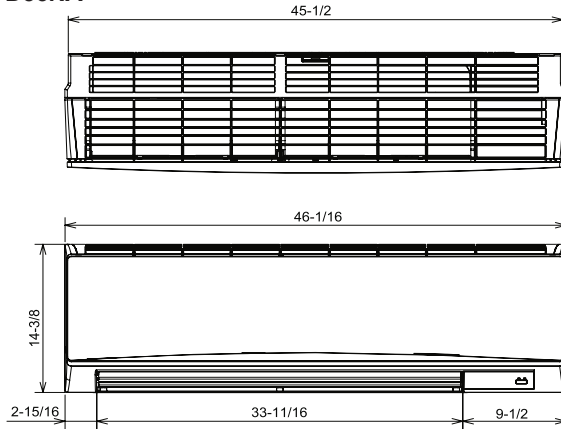
Compressor DC Inverter-driven Rotary
MCA 21 A
Fan Motor 0.93 F.L.A.
Sound Pressure Level
Cooling 56 dB(A)

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

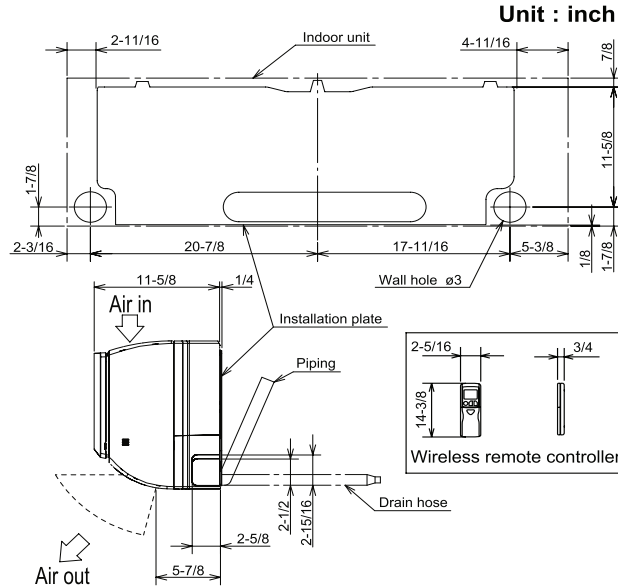
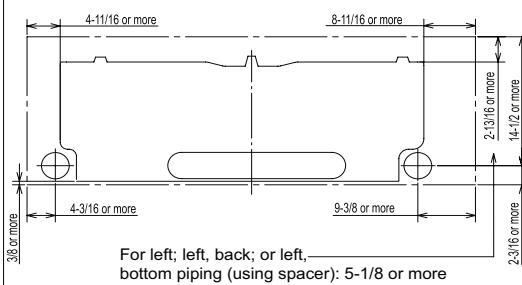
Weight 126 lbs. / 57 kg
External Finish Munsell No. 3Y 7.8 / 1.1
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side 5/8" / 15.88 mm
Liquid Side 3/8" / 9.53 mm
Max. Refrigerant Pipe Length 100' / 30 m
Max. Refrigerant Pipe Height Difference 50' / 15 m
Connection Method Flared

DIMENSIONS: MSY-D36NA & MUY-D36NA

MSY-D36NA

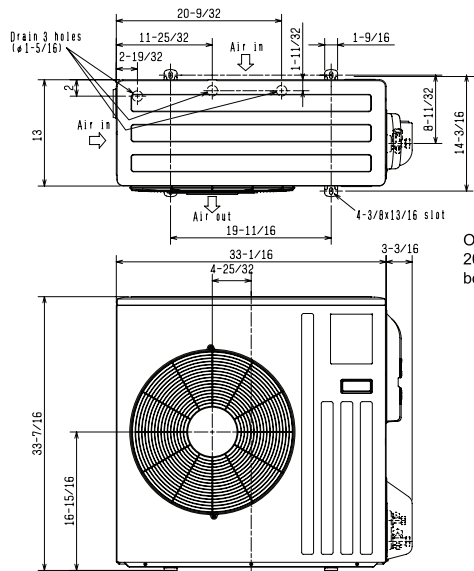


Required Space (Indoor Unit)

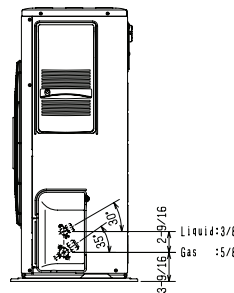
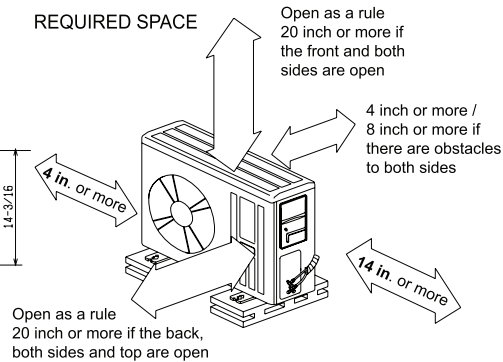


	Piping	Insulation
Liquid line	ø3/8 19-11/16 (Flared connection ø3/8)	ø1-1/4 O.D. ø9/16 I.D.
Gas line	ø5/8 16-7/8 (Joint connection ø5/8)	ø1-15/16 O.D. ø1-1/4 I.D.
Joint	ø5/8 (Flared connection ø5/8)	ø1-15/16 O.D. ø1-1/4 I.D.
Drain hose	Insulation ø1-1/8 Connected part ø9/16 O.D.	

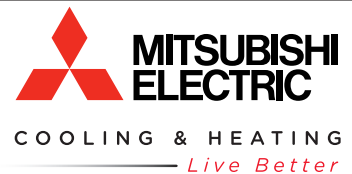
MUY-D36NA



REQUIRED SPACE



Intertek



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Suwanee, GA 30024
Tele: 678-376-2900 • Fax: 800-889-9904
Toll Free: 800-433-4822 (#3)
www.mehvac.com
Specifications are subject to change without notice.

SUBMITTAL DATA: MSY-D30NA & MUY-D30NA

30,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEM

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

GENERAL FEATURES

- Catechin and anti-allergy enzyme filters for high air-purification capabilities
- Updated sleek, compact indoor unit design
- Remote-controlled wide airflow enables ideal horizontal air distribution
- Self-check function—onboard diagnostics
- Advanced microprocessor control
- Auto restart following a power outage
- Hand-held Wireless Remote Controller
- Anti-allergy Enzyme Filter
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES
Outdoor Unit

- ☐ Drain Socket Assembly (MAC-811DS)

Indoor Unit

- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Condensate Pump (230V; SI3100-230)

Controller Options

- ☐ Wall-mounted Wired Remote Controller (PAR-21MAA; req. MAC-3971F)
- ☐ MA Contact Terminal Interface (MAC-3971F)
- ☐ M-NET Control Adapter (MAC-3991F)
- ☐ Remote Temperature Sensor (M21-JKO-307)
- ☐ Lockdown Bracket for Hand-held Controller (RCMKP1CB)

Cooling*

Rated Capacity 30,700 Btu/h
Minimum Capacity 9,800 Btu/h
SEER 16.0 Btu/h/W
Total Input 3,380 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.

Power Supply 208 / 230V, 1-Phase, 60 Hz
Breaker Size 25 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
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Indoor - Remote Controller Wireless

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB



Indoor Unit: MSY-D30NA



Wireless Remote Controller



Outdoor Unit: MUY-D30NA

Indoor Unit

MCA 1 A
Fan Motor 0.76 F.L.A.
Airflow
Cooling (Lo - Med - Hi - Powerful) 389 - 639 - 848 - 887 Dry CFM
350 - 576 - 763 - 798 Wet CFM
Sound Pressure Level
Cooling (Lo - Med - Hi - Powerful) 32 - 42 - 49 - 50 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	46-1/16 / 1,170
D	11-5/8 / 295
H	14-3/8 / 365

Weight 40 lbs. / 18 kg
External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Outdoor Unit

Compressor DC Inverter-driven Rotary
MCA 21 A
Fan Motor 0.93 F.L.A.
Sound Pressure Level
Cooling55 dB(A)

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W	33-1/16 / 840
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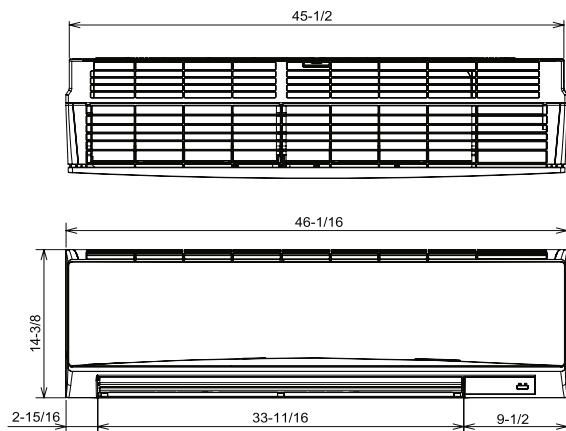
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Connection Method Flared

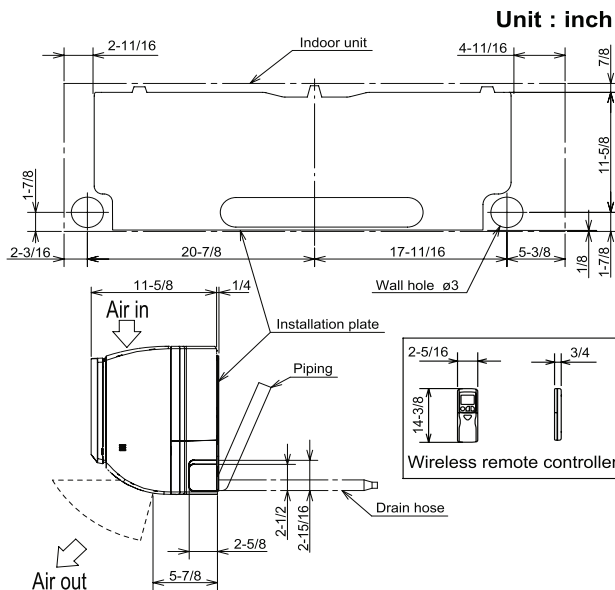
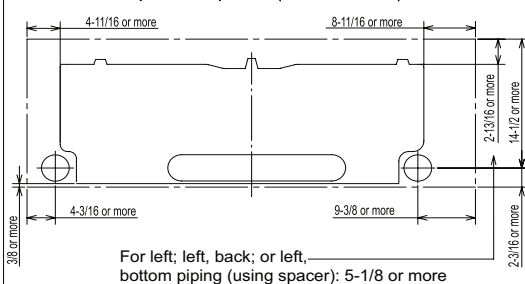


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MSY-D30NA

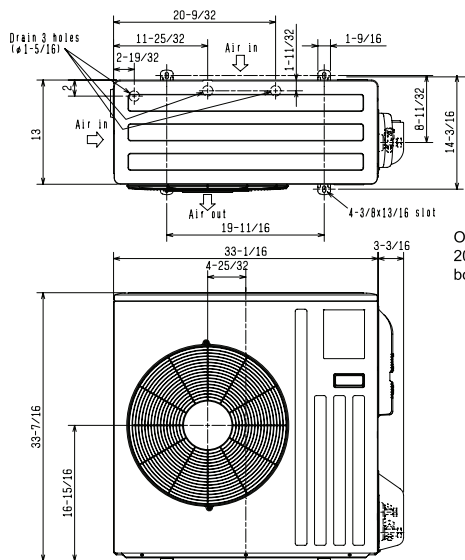


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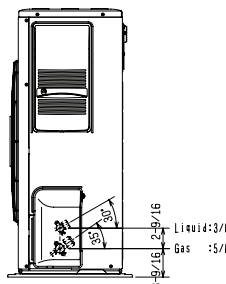
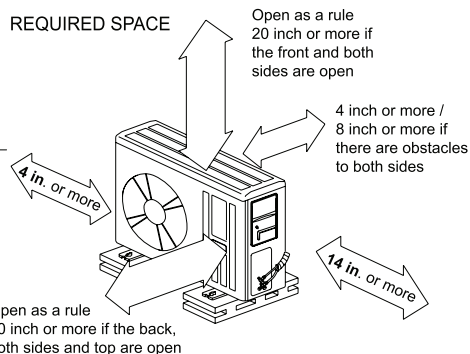


	Piping	Insulation
Liquid line	ø3/8 19-11/16 (Flared connection ø3/8)	ø1-1/4 O.D. ø9/16 I.D.
Gas line	ø5/8 16-7/8 (Joint connection ø5/8)	ø1-15/16 O.D. ø1-1/4 I.D.
Joint	ø5/8 (Flared connection ø5/8)	ø1-15/16 O.D. ø1-1/4 I.D.
Drain hose	Insulation ø1-1/8 Connected part ø9/16 O.D.	

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