MWMC
Mini-Split
Wall-Mount Indoor Units - R-410A - 60 Hz

Bulletin No. 211042
April 2024
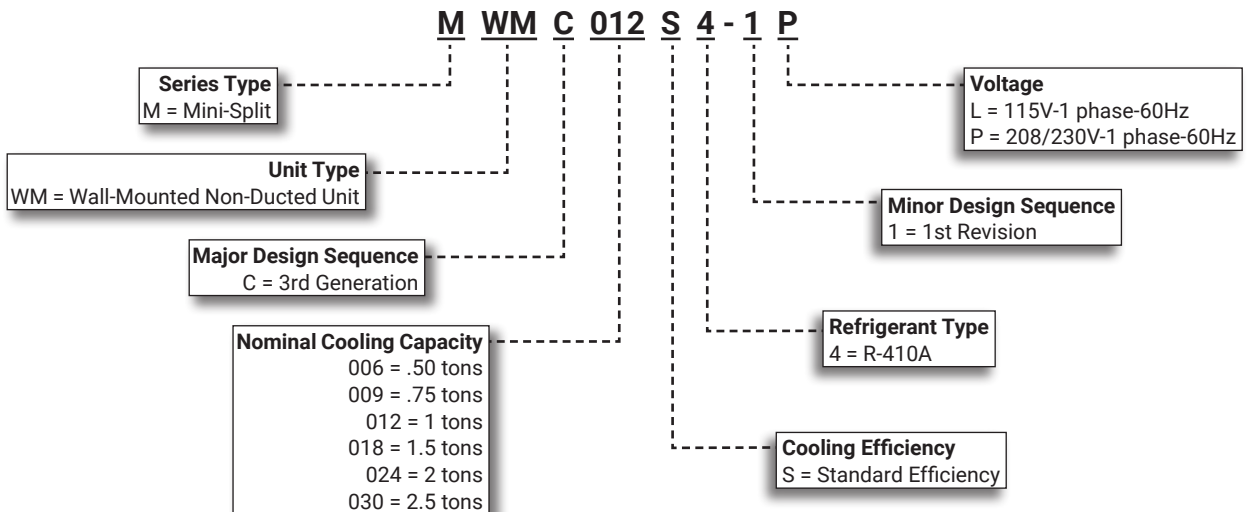Supersedes all previous versions

RESIDENTIAL / COMMERCIAL
PRODUCT SPECIFICATIONS

MWMC Wall-Mount Indoor Unit with
Furnished Wireless Remote Controller

Nominal Capacity - 0.5 to 2.5 Tons

MODEL NUMBER IDENTIFICATION

M WM C 012 S 4 - 1 P

Series Type
M = Mini-Split

Unit Type
WM = Wall-Mounted Non-Ducted Unit

Major Design Sequence
C = 3rd Generation

Nominal Cooling Capacity
006 = .50 tons
009 = .75 tons
012 = 1 tons
018 = 1.5 tons
024 = 2 tons
030 = 2.5 tons

Voltage
L = 115V-1 phase-60Hz
P = 208/230V-1 phase-60Hz

Minor Design Sequence
1 = 1st Revision

Refrigerant Type
4 = R-410A

Cooling Efficiency
S = Standard Efficiency

CONTENTS

APPROVALS AND WARRANTY

APPROVALS

- Indoor units and components UL and CEC bonded for grounding to meet safety standards for servicing

WARRANTY

- All covered components
  - Limited five years in all applications
- Accessories and controls - Limited one year

NOTE - Refer to Lennox Basic Limited Warranty at www.Lennox.com for additional details.

FEATURES

- Low-sound, three-speed Wall Mount with LED display offers three access points for refrigerant outlet pipes: left, right or rear
- The front panel can be raised for accessible wiring and maintenance
- Swing louver angles to 90°
- Unit installs horizontally on a vertical wall
- Pre-Heat Function - Delays the operation of the fan until the indoor coil has reached a pre-determined temperature which prevents the discharge of cold air while the system is operating in the "heating" mode
- LED Readout - Mounted on unit. LED displays unit operation status, and codes for maintenance and servicing
- Auto Restart - Automatically restores the previous function setting if power is interrupted
- Cooling Override - Button on the indoor unit allows a temporary 30 minute override of the system for forced "AUTO" or "COOLING" operation
- Flare Connections - Equipped with liquid and gas flare fittings for quick and secure piping
- Multi-Refrigerant Outlet - Allows left, right, or rear access for refrigeration line connection
- Three Speed Fan - Fan functions at three speeds: low, medium and high
- Air Filter - Cleanable air filter is furnished as standard

- **Wireless Remote Controller** - Furnished as standard, see Page 3

OPTIONAL ACCESSORIES

Condensate Pumps
- Quietly and efficiently removes condensate
- See Optional Accessories Table for available pumps

A/C Easy Tee® Condensate Cleanout
- Condensate drain service port
- Flexible and easy to use with nitrogen, water or shop vac
- Screw cap on top allows easy access to condensate drain line

Wired Remote Controllers
- Programmable controller available, see Page 11
- Non-programmable controller available, see Page 11

WIRELESS REMOTE CONTROLLER (RG10L-WM)

- Complete remote control of system
- Maximum operating range is 25 ft.
- Operates on two AAA 1.5V batteries (furnished)
- Wireless remote controller holder furnished
- Holder can be mounted on a wall for easy access
- Mounting screws furnished
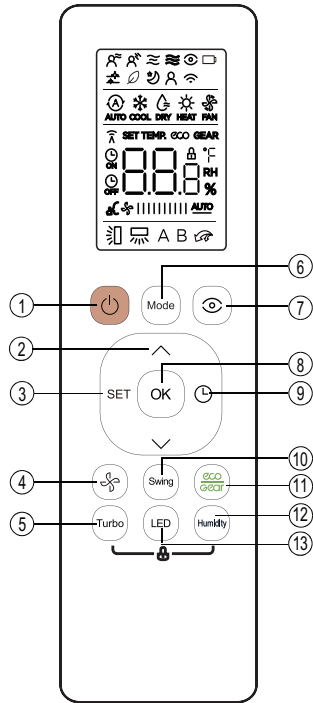
1 ON/OFF Button
- Turns system on and off

2 UP/DOWN Buttons ∧ ∨
- Increase or decrease the indoor temperature in one degree increments (maximum 86°F, minimum 60°F)

NOTE - Temperature cannot be adjusted in FAN mode.

NOTE - Press and hold and buttons together for 3 seconds to alternate the temperature display between the °C and °F scale.

3 SET Button
- Scrolls through unit operations in this order:
  1. Breeze Away ⧊
  2. Active Clean ⧊
  3. Sleep ⧊
  4. Follow Me ⧊

NOTE - The selected symbol will flash on the display area. Press the OK button to confirm.

4 FAN Button
- Cycles fan speeds in the following order:
  - AUTO → 20% → 40% → 60% → 80% → 100%

5 TURBO Button
- Enables the unit to reach the preset temperature during cooling or heating operation in the shortest time

6 MODE Button
- Select system operation modes
- Press button to cycle through each setting:
  - AUTO → COOL → DRY → HEAT → FAN

7 ECO INTELLIGENT EYE Button
- Automatically detects human activity in the room
- If there is no activity for 30 minutes sensor reduces compressor operating frequency for cooling/heating/auto modes for increased efficiency
- Remains in this mode until activity is detected again

8 OK Button
- Confirms selected function

9 TIMER Button
- Initiates an auto-on or auto-off time sequence
- Press TIMER button to initiate the ON time sequence
- Press Temp. up or down button for multiple times to set the desired time to turn on the unit
- Press TIMER button to initiate the OFF time sequence.

NOTE - Each press of the button increases or decreases the time (depending on function) in 30 minute increments up to 10 hours.

Above 10 hours each press of the button will increase or decrease the auto-timed setting by 60 minutes up to 24 hours.

To cancel, set timer to 0.0 or turn remote off and on.

10 SWING Button
- Used to stop or start louver auto swing feature

11 ECO/GEAR Button
- Controls temperature/energy efficiency of the unit

NOTE - Only available in cooling mode.

ECO Operation
- Sets unit to 75°F unit operation if setpoint is lower
- Sets fan to Auto operation if setpoint is over 75°F

NOTE - If setpoint is manually changed to less than 75°F, ECO operation is canceled.

GEAR Operation
- Reduces electrical consumption to 75% or 50%

12 HUMIDITY Button
- Adjusts the room humidity during DRY mode from 35% to 85%
- Each press of the button increases the humidity in 5% increments

13 LED Button
- Turns the LCD display backlight on the indoor unit on or off

NOTE - Press and hold the button for 5 seconds to display the actual room temperature. Press more than 5 seconds to revert back to display set temperature.

WIRELESS REMOTE CONTROLLER INDICATORS (RG10L-WM)

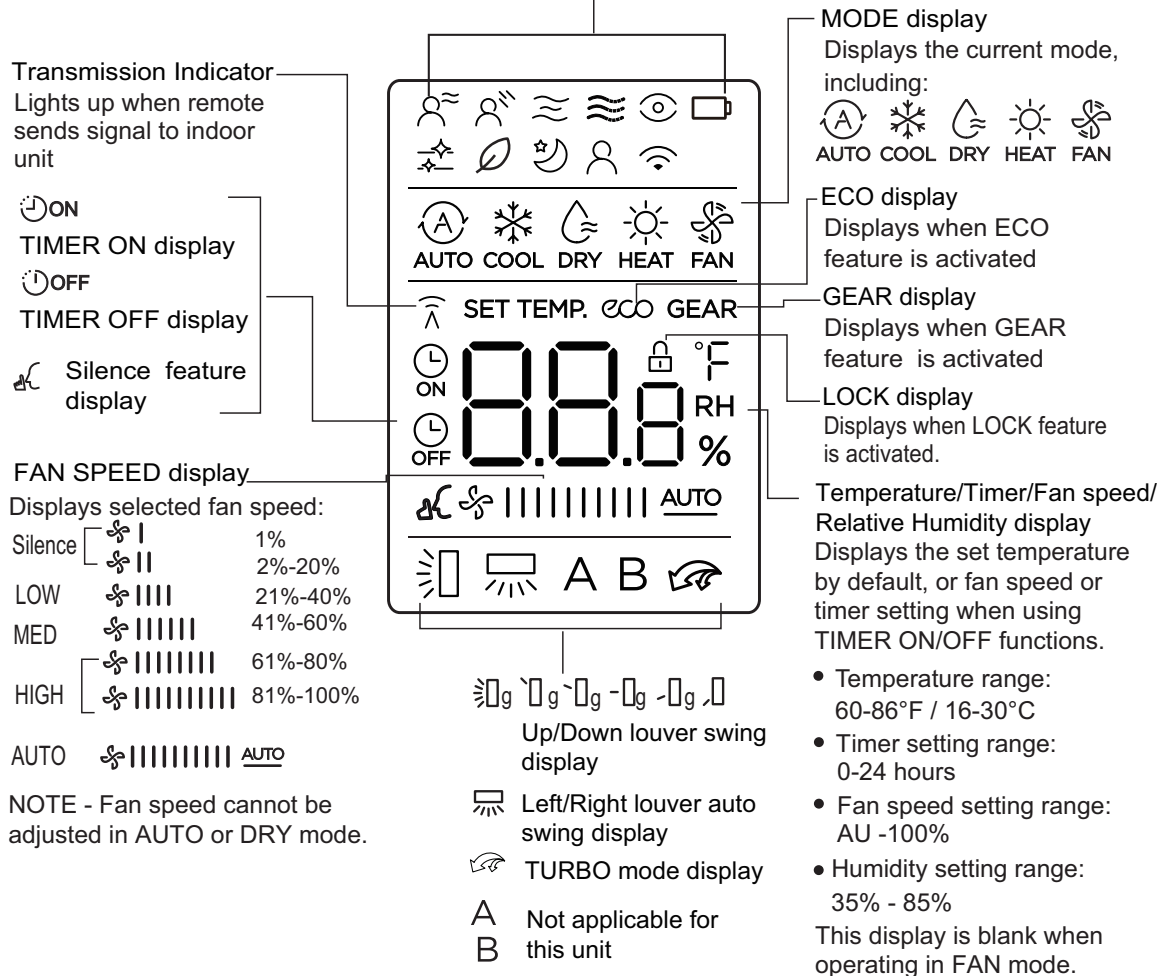Information is displayed when the Wireless Remote Controller is powered on.

Not applicable for this unit

Breeze Away feature display

Not applicable for this unit

Not applicable for this unit

ECO Intelligent Eye display
(certain units)

Active Clean feature display

Not applicable for this unit

Sleep feature display

Follow Me feature display

Not applicable for this unit

Low battery detection (flashing)

Transmission Indicator
Lights up when remote sends signal to indoor unit

ON
TIMER ON display
OFF
TIMER OFF display

Silence feature display

FAN SPEED display
Displays selected fan speed:

Silence	❄ I	1%
	❄ II	2%-20%
LOW	❄ IIII	21%-40%
MED	❄ IIIIII	41%-60%
HIGH	❄ IIIIIIII	61%-80%
	❄ IIIIIIIIII	81%-100%
AUTO	❄ IIIIIIIIII AUTO	

NOTE - Fan speed cannot be adjusted in AUTO or DRY mode.

MODE display

AUTO COOL DRY HEAT FAN

SET TEMP. ECO GEAR

ON **8.8.8** °F
OFF   RH %

A B

MODE display
Displays the current mode, including:

AUTO COOL DRY HEAT FAN

ECO display
Displays when ECO feature is activated

GEAR display
Displays when GEAR feature is activated

LOCK display
Displays when LOCK feature is activated.

Temperature/Timer/Fan speed/ Relative Humidity display
Displays the set temperature by default, or fan speed or timer setting when using TIMER ON/OFF functions.

- Temperature range:
  60-86°F / 16-30°C
- Timer setting range:
  0-24 hours
- Fan speed setting range:
  AU -100%
- Humidity setting range:
  35% - 85%

This display is blank when operating in FAN mode.

Up/Down louver swing display

Left/Right louver auto swing display

TURBO mode display

A Not applicable for
B this unit

Note:
All icons are shown for display purposes only.
During actual unit operation, only active icons are displayed.

WIRELESS REMOTE CONTROLLER OPERATION (RG10L-WM)

Auto Operation
1. Press the MODE button to select Auto.
2. Press the UP/DOWN button to set the desired temperature.
3. Press the ON/OFF button to start the system.

Cooling /Heating/Fan Operation
1. Press the MODE button to select COOL, HEAT or FAN mode.
2. Press the UP/DOWN buttons to set the desired temperature.
3. Press the FAN button to select the fan speed.
4. Press the ON/OFF button to start the system.

Dehumidifying (DRY) Operation
1. Press the MODE button to select DRY mode.
2. Press the UP/DOWN buttons to set the desired temperature.
3. Press the ON/OFF button to start the system.

NOTE - Fan speed selection is disabled.

Timer ON/OFF Operation
1. Press the TIMER button. The remote controller shows TIMER ON or TIMER OFF icon
2. Press the TIMER button again to set desired time. Each time the button is pressed the time increases by 30 minutes between 0 and 10 hours and then by 60 minutes between 10 and 24 hours.
3. After setting the TIMER ON or TIMER OFF there will be a one second delay before the remote controller transmits the signal to the unit. After approximately 2 seconds the set temperature will re-appear on the LCD display window.

Silence Operation
1. Press the FAN button for more than 2 seconds to activate or disable the Silence function

Lock Function
1. Press the TURBO and HUMIDITY buttons together two times in less than one second to lock the Controller to prevent tampering
2. Press the TURBO and HUMIDITY together buttons again for two seconds to unlock the Controller

Swing Function
1. Press the Swing button to activate up/down louver operation. Louvers oscillate up and down automatically. Press and hold the Swing button again to disable.

NOTE - Pressing the Swing button multiple times will set the louvers at five different fixed airflow angles.

2. Press and hold Swing button for 2 seconds to activate left/right louver operation. Louvers swing left and right automatically.

SET BUTTON FUNCTIONS

Breeze Away
• Prevents unit from blowing air directly on a person

NOTE - Only available in COOL, FAN or DRY modes.

Active Clean
• Washes away dust, mold, and grease that may cause odors when it adheres to the indoor coil by automatically freezing and then rapidly thawing the coil
• Indoor unit displays "CL"
• After 20 to 45 minutes the unit will automatically turn cancel the operation

NOTE - Only available in COOL or DRY modes.

Sleep
• Enables the system to automatically increase cooling or decrease heating (in 2°F increments) per hour for the first 2 hours, then maintain a steady temperature for 5 hours
• System keeps the final operation mode after 8 total hours of operation

NOTE - To cancel, push the "MODE", "FAN SPEED" or "ON/OFF" buttons.

SLEEP mode is only available when the unit is in COOL, HEAT or AUTO mode

Follow Me
• Allows remote temperature sensing of the room at the remote controller location

WIRED REMOTE CONTROLLER (M0STAT120L-1)

FEATURES

- Built-In Memory - Maintains clock, fan speed and mode of operation settings following power outages
- Dimensions (H x W x D) - 4-3/4 x 4-3/4 x 7/8 in.
- Additional hardware is furnished for installation
- 3-1/2 in. back-lit LCD display screen
- Wiring - Controller uses 5-wire shielded 20 ft. cable (furnished) for easy low voltage connection to the indoor unit
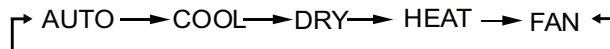- Maximum cable length is 59 ft.
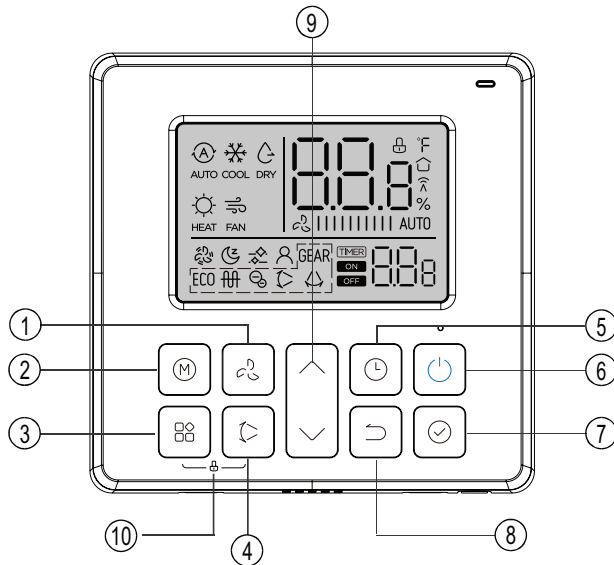
1 FAN SPEED Button

- Selects fan speed. Each button press cycles through the following settings on display

Auto — Low — Med. — High
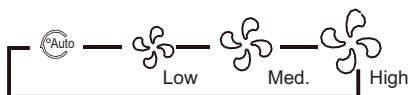
2 MODE Button

- Select system operation modes. Push button to cycle through each setting

AUTO → COOL → DRY → HEAT → FAN

3 FUNCTION Button

- Scrolls through unit operations in this order:
  1. Turbo
  2. Sleep
  3. Active Clean
  4. Follow Me

4 SWING Button

- Used to stop or start louver auto swing feature (certain models)
- Louvers oscillate up and down automatically. Press and hold the Swing button again to disable.
- Pressing the Swing button multiple times will set the louvers at five different fixed airflow angles.
- Press and hold Swing button for 2 seconds to activate left/right louver operation. Louvers swing left and right automatically.

5 TIMER Button

- TIMER ON (initiates an auto-on time sequence)
- TIMER OFF (initiates an auto-off time sequence) can be used separately or together
- Each press of the button increases the time in 30 minute increments up to 10 hours
- Above 10 hours each press of the button will increase the auto-timed setting by 60 minutes up to 24 hours

6 POWER Button

- Turns system on and off

7 CONFIRM Button

- Confirms selected function

  NOTE - Press and hold and **Arrow Up** Button and the **Arrow Down** button together for 3 seconds to alternate the temperature display between the °F and °C scale.

8 BACK Button

- Returns to the previous step

9 UP/DOWN Buttons

- Increase or decrease the indoor temperature in two degree increments (maximum 86°F, minimum 60°F).

  NOTE - Temperature cannot be adjusted in FAN mode.

10 LOCK

- Press the **Function** and **Swing** buttons simultaneously to lock or unlock the Controller to prevent tampering with settings
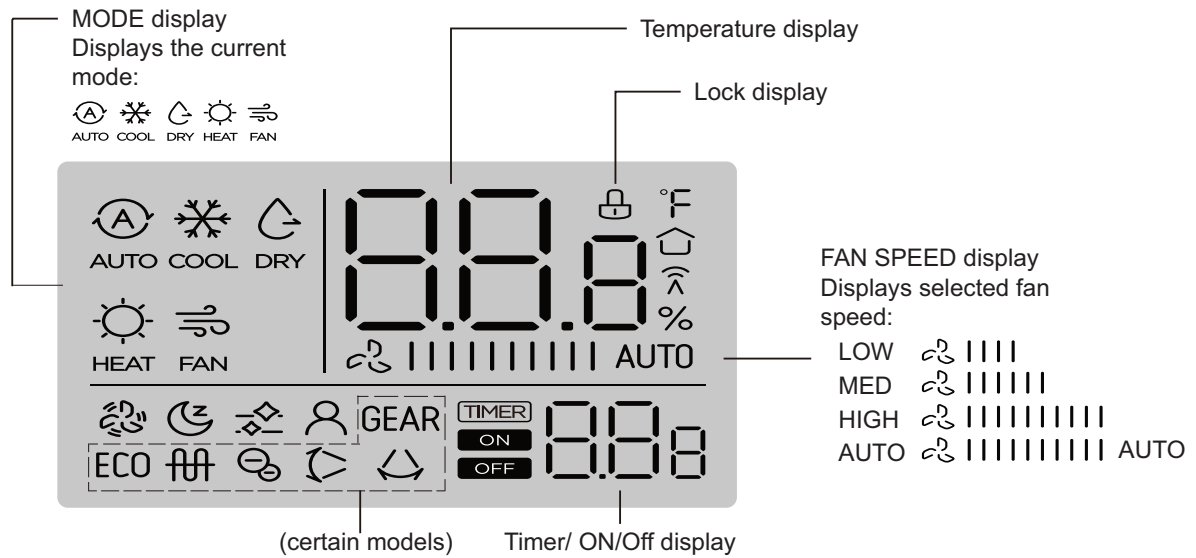
OPTIONAL ACCESSORIES

Extension Cable for Wired Remote Controller

- 20 ft. cable for easy low voltage connection to the indoor unit
- Extends cable to maximum 65 ft. length

WIRED REMOTE CONTROLLER INDICATORS (M0STAT120L-1)

MODE display
Displays the current mode:

AUTO COOL DRY HEAT FAN

Temperature display

Lock display

FAN SPEED display
Displays selected fan speed:

LOW
MED
HIGH
AUTO   AUTO

(certain models)   Timer/ ON/Off display

°F	°F / °C display		Turbo feature display	GEAR	GEAR feature display (certain models)
	Room temperature display		Active clean display	ECO	ECO feature display (on certain models)
	Follow me feature display		SLEEP feature display		Electric heating display (certain models)
	Not used		UP and down swing (certain models)		Left and right swing (certain models)

NOTE:
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During actual unit operation, only active icons are displayed.

### WIRED PROGRAMMABLE CONTROLLER (M0STAT120N-1)

FEATURES

- Wired programmable local controller for mini-split indoor units with convenient timed schedules for daily operation
- Weekly timers (2), all days of the week timer, up to 8 scheduled events per day
- Schedule start time, mode, setpoint, and fan speed
- Compatible with all indoor units
- Copy/paste function for easy duplication of events to other days
- Built-in system diagnostics
- 3-1/2 in. back-lit LCD display screen
- Controller uses 4-wire shielded 20 ft. cable (furnished) for easy low voltage connection to the indoor unit
- Adaptor cables are furnished for various indoor unit connections

NOTE - Cable for longer lengths must be ordered separately.

NOTE - Maximum cable length is 164 ft..

- Hardware for mounting furnished
- Mounts to standard electrical junction box (not furnished)
- Lithium battery furnished: CR2032
- Power Supply: 12 VDC
- Dimensions (H x W x D): 4-3/4 x 4-3/4 x 7/8 in.
- Audible tone when a button is pressed (can be disabled)
- Lock function disables buttons to prevents tampering

DISPLAY
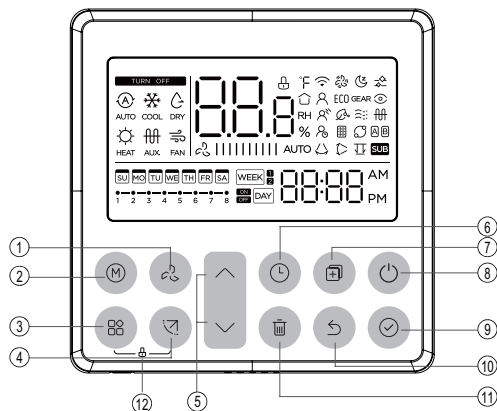
BUTTONS AND FUNCTIONS

1 FAN SPEED Button
- Scroll through fan speeds (Auto - Low - Med - High)

2 MODE Button
- Use + and − buttons to scroll through available operation modes (Auto / Cool / Dry / Heat / Fan)

3 FUNCTION Button
- Scrolls through unit operations in this order:
   1. Turbo
   2. Sleep
   3. Follow Me

4 SWING Button
- Used to stop or start louver auto swing feature (certain models)
- Louvers oscillate up and down automatically. Press and hold the Swing button again to disable.
- Pressing the Swing button multiple times will set the louvers at five different fixed airflow angles.
- Press and hold Swing button for 2 seconds to activate left/right louver operation. Louvers swing left and right automatically.

5 UP/DOWN Buttons
- Increase or decrease the indoor temperature in one degree increments (maximum 86°F, minimum 60°F).

   NOTE - Temperature cannot be adjusted in FAN mode.

6 TIMER Button
- Sets unit for daily or weekly on/off operation

7 COPY Button
- Copy schedules from one day to another

8 POWER Button
- Turn system on and off

9 CONFIRM Button
- Confirms each step when managing schedules

   NOTE - Press and hold and **Confirm** Button and the **Arrow Down** button together for 3 seconds to alternate the temperature display between the °F and °C scale.

10 BACK Button
- Returns to the previous step

11 DAY OFF/DELAY BUTTON
- Disable specific days/schedules of the week
- Delete a specific event

12 LOCK
- Press the **Function** and **Swing** buttons simultaneously to lock the Controller to prevent tampering with settings
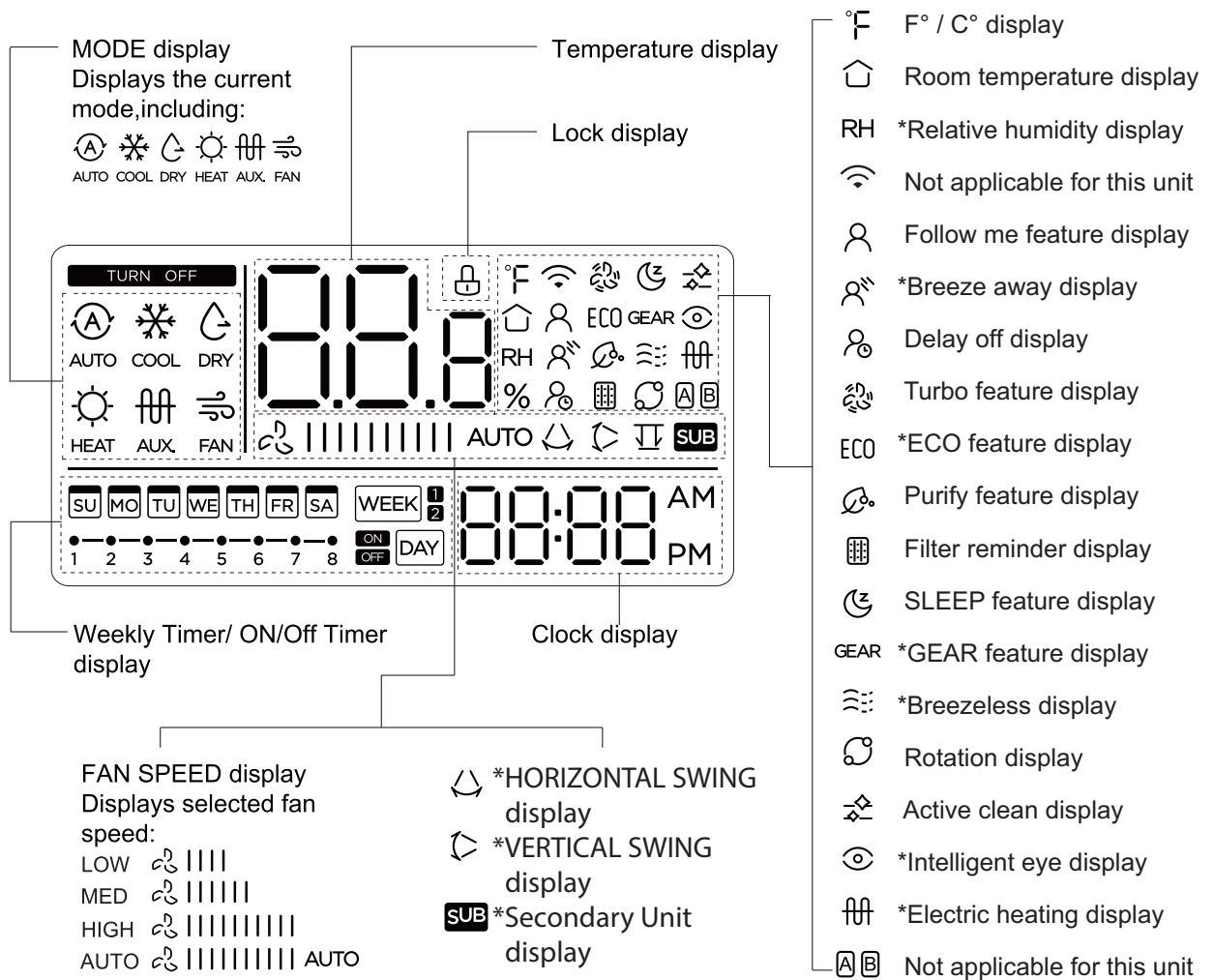
OPTIONAL ACCESSORIES

Extension Cable for Wired Programmable Controller
- 20 ft. cable for easy low voltage connection to the indoor unit
- Extends cable to 40 ft. (12 m) length

WIRED PROGRAMMABLE REMOTE CONTROLLER INDICATORS (M0STAT120N-1)

MODE display
Displays the current mode, including:
AUTO COOL DRY HEAT AUX. FAN

Temperature display

Lock display

°F   F° / C° display

⌂   Room temperature display

RH   *Relative humidity display

🛜   Not applicable for this unit

👤   Follow me feature display

👤⸝   *Breeze away display

👤⊘   Delay off display

🌀   Turbo feature display

ECO   *ECO feature display

⊘   Purify feature display

▦   Filter reminder display

☾   SLEEP feature display

GEAR   *GEAR feature display

≋   *Breezeless display

↻   Rotation display

⚡   Active clean display

◉   *Intelligent eye display

⼲   *Electric heating display

Ⓐ Ⓑ   Not applicable for this unit

*Certain Models

Weekly Timer/ ON/Off Timer display

Clock display

FAN SPEED display
Displays selected fan speed:
LOW
MED
HIGH
AUTO   AUTO

*HORIZONTAL SWING display

*VERTICAL SWING display

SUB *Secondary Unit display

NOTE:
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SPECIFICATIONS

Model No.	MWMC006S4	MWMC009S4	MWMC012S4	MWMC012S4
Nominal Tons	0.50	0.75	1	1
Power Supply - 60 hz - 1 phase	208/230V	208/230V	115V	208/230V
Rated load amps	0.25	0.25	0.2	0.25
Output (W)	20	20	20	20
Room Temperature Range (°F) — Cooling	60 - 90	60 - 90	60 - 90	60 - 90
Room Temperature Range (°F) — Heating	32 - 86	32 - 86	32 - 86	32 - 86
Air Volume - cfm (High/Medium/Low)	318/218/168	335/230/176	353/294/235	335/230/176
Sound Data (dBA) - Low/Medium/High	23/32/36	23/34/38	40.5/35/23.5	22.5/33.5/36
Piping Connections - Liquid/Gas - o.d. - flare - in.	1/4 / 3/8	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2
Drain connection o.d. - in.	1	1	1	1
Net/Shipping weights - lbs.	23 / 29	23 / 29	23 / 29	23 / 29

SPECIFICATIONS

Model No.	MWMC018S4	MWMC024S4	MWMC030S4
Nominal Tons	1.5	2	2.5
Power Supply - 60 hz - 1 phase	208/230V	208/230V	208/230V
Rated load amps	0.13	0.5	0.5
Output (W)	30	58	58
Room Temperature Range (°F) — Cooling	60 - 90	60 - 90	60 - 90
Room Temperature Range (°F) — Heating	32 - 86	32 - 86	32 - 86
Air Volume - cfm (High/Medium/Low)	524/376/306	611/414/319	646/505/382
Sound Data (dBA) - Low/Medium/High	32.5/43/46.5	34/39.5/44	33/40.5/46
Piping Connections - Liquid/Gas - o.d. - flare - in.	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8
Drain connection o.d. - in.	1	1	1
Net/Shipping weights - lbs.	27 / 36	44 / 55	44 / 55

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Description		Catalog No.	Size					
			006	009	012	018	024	030
INDOOR UNIT								
[1] Diversitech Condensate Pumps with Reservoir	Mini-Split Pump - 4 US gallons per hour, 20 ft. lift - 230V	**Y7949**	•	•	•	•	•	N/A
	ClearVue Mini™ - 7.9 US gallons per hour, 35 ft. lift - 120-240V	**Y5170**	•	•	•	•	•	N/A
[1] Blue Diamond® Condensate Pumps with Reservoir	MicroBlue® - 1.3 US gallons per hour, 6 ft. lift - 110-230V	**14T74**	•	•	•	•	N/A	
	MaxiBlue® - 3.7 US gallons per hour, 16.5 ft. lift - 208/230V	**14T69**	N/A				•	•
	MultiTank Kit	**14T75**	N/A				•	•
	Sensor Cable Extension - 16 ft.	**14T76**	•	•	•	•	•	•
Little Giant Condensate Pump Kit with Reservoir	Mini-Split Pump Kit - 2.5 US gallons per hour, 3 ft. lift - 100-240V (includes pump, reservoir, multi-size hose drain adaptor, 7 ft. detachable power cord, pump enclosure/cover, line set cover and mounting trim brackets)	**Y8794**	•	•	•	•	•	•
A/C Easy Tee® Condensate Cleanout		**Y7947**	•	•	•	•	•	•
CONTROLS								
Wired Remote Controller	M0STAT120L-1	**24X02**	•	•	•	•	•	•
Extension Cable for Wired Remote Controller - 20 ft.		**Y8008**	•	•	•	•	•	•
Wired Programmable Controller	M0STAT120N-1	**24X03**	•	•	•	•	•	•
Extension Cable for Wired Programmable Controller - 20 ft.	M0CTRL64Q-1	**Y8738**	•	•	•	•	•	•
Indoor/Outdoor Wiring Cable - 14 Gauge, 4 conductor wire, THHN, 250 ft.		**Y2067**	•	•	•	•	•	•

[1] Y7949 and 14T74 condensate pumps can be installed inside the indoor units. All other pumps must be installed external to the indoor unit.
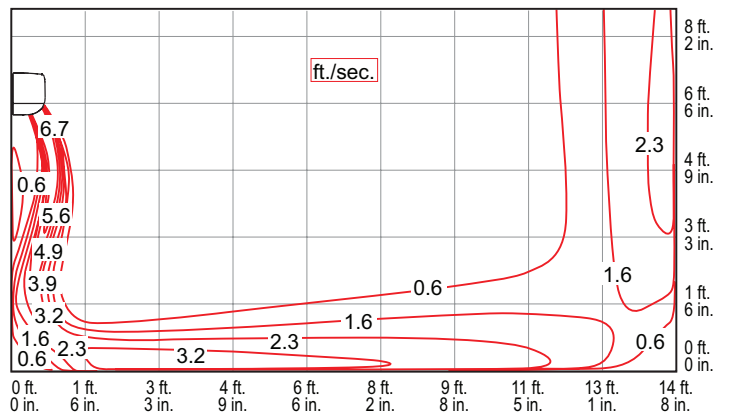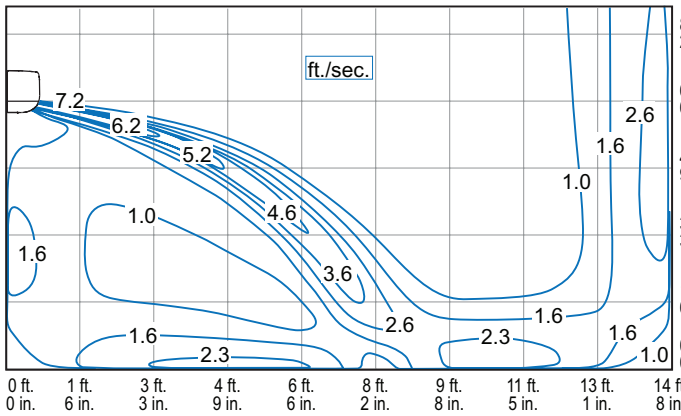
SOUND LEVELS - TEST CONDITIONS

Wall-Mount Unit

39-3/8 in. (1000 mm) — Microphone

59 in. (1500 mm)
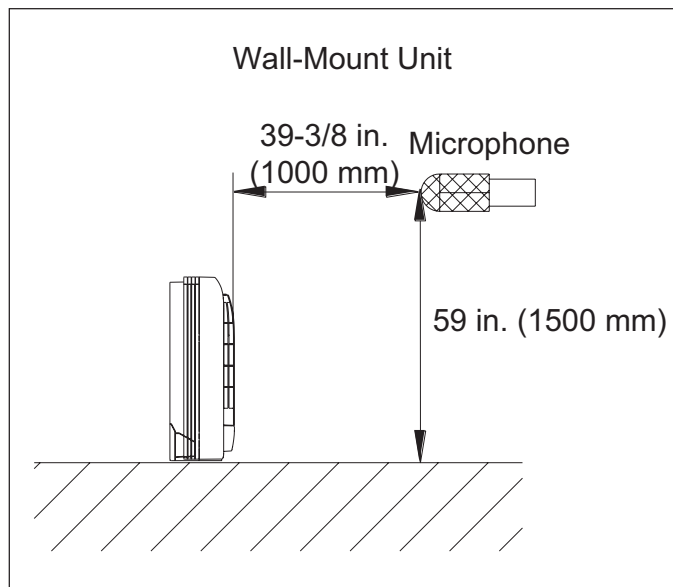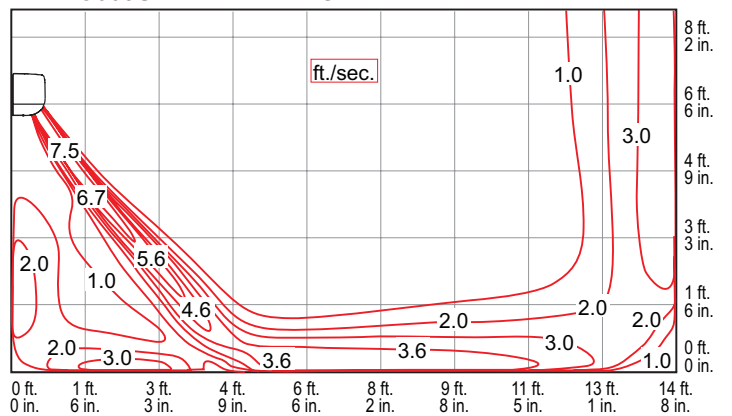
MWMC006S4-1P - COOLING
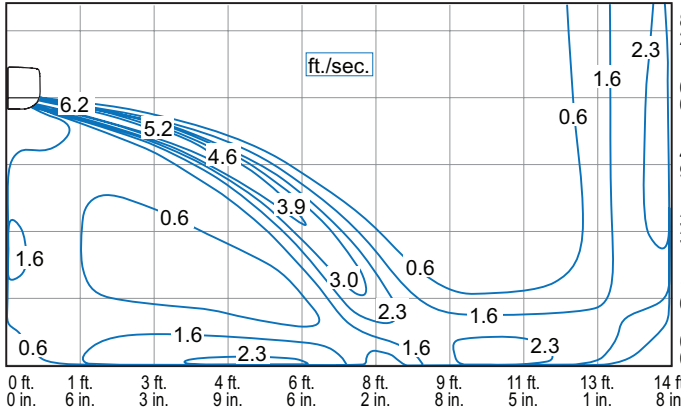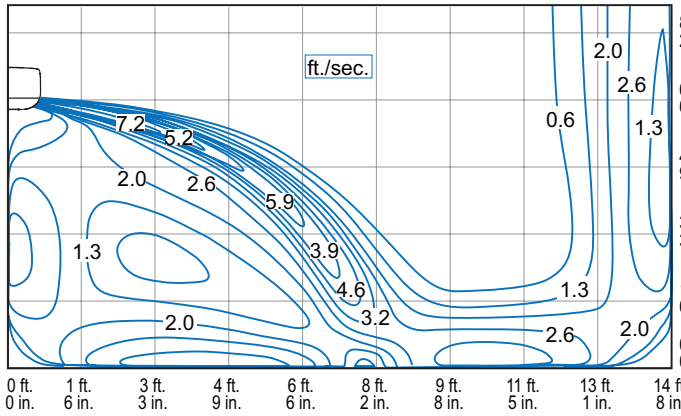

MWMC006S4-1P - HEATING
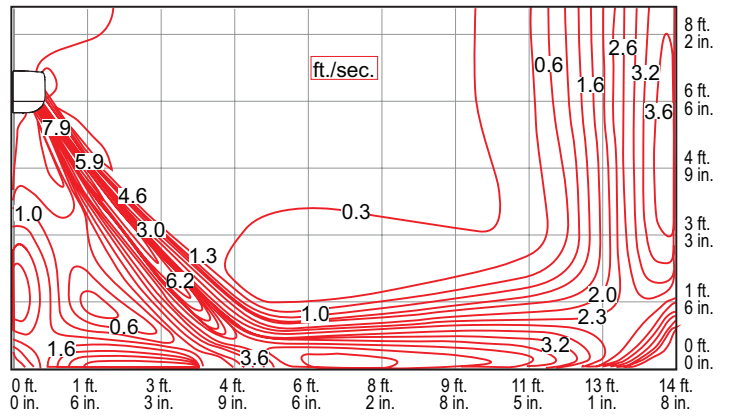

MWMC009S4-1P - COOLING
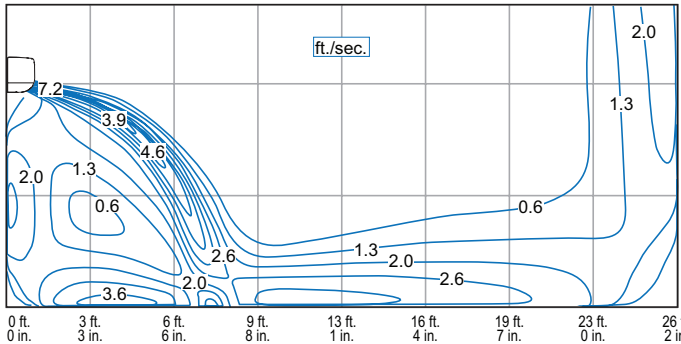

MWMC009S4-1P - HEATING

MWMC012S4-1L, MWMC012S4-1P - COOLING
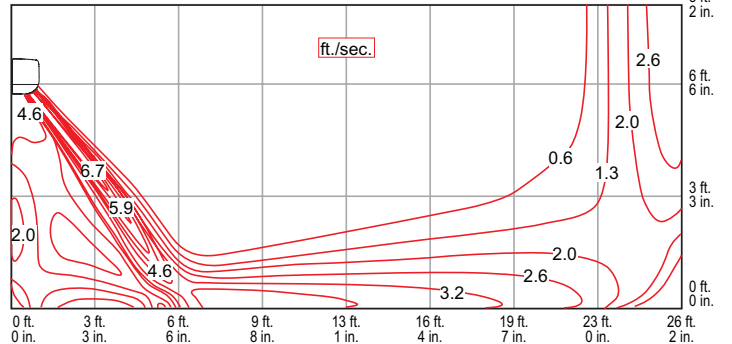

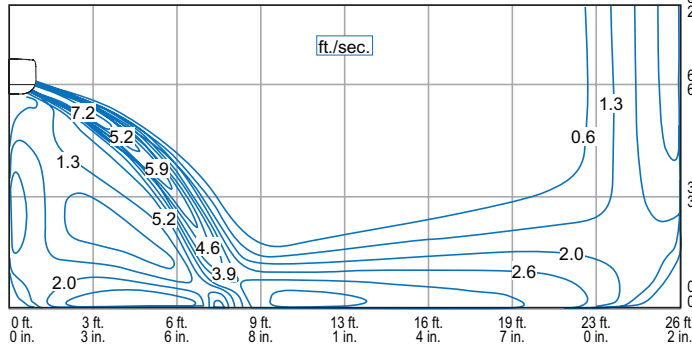### MWMC012S4-1L, MWMC012S4-1P - HEATING
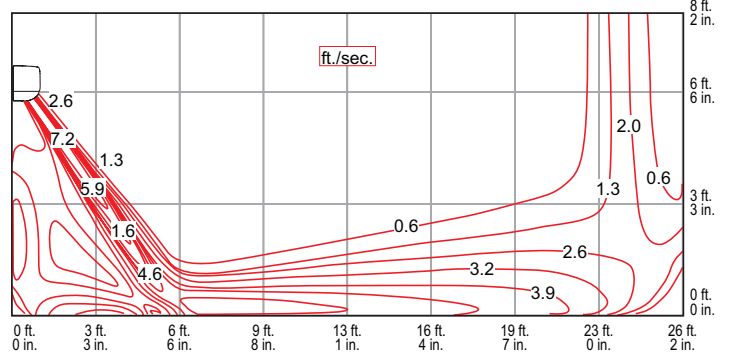

MWMC018S4-1P - COOLING

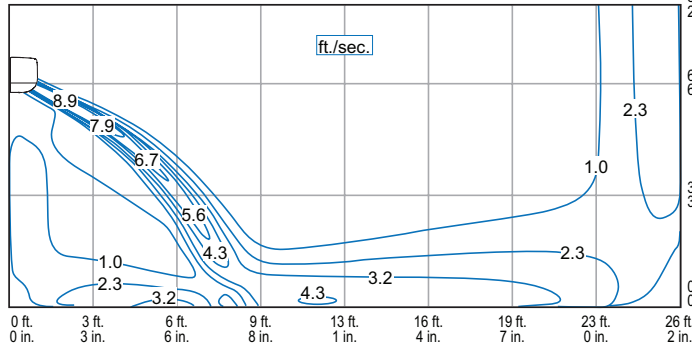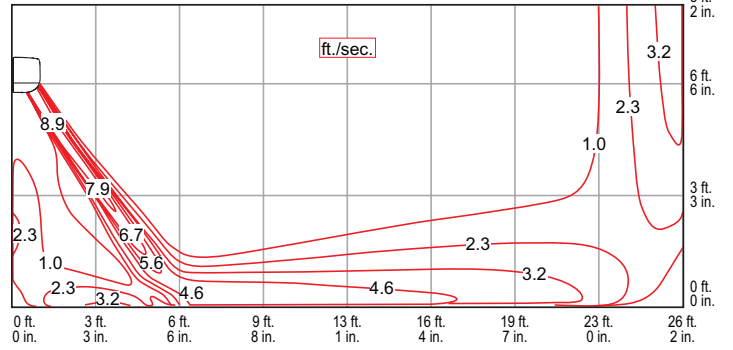

MWMC018S4-1P - HEATING

AIR THROW DATA

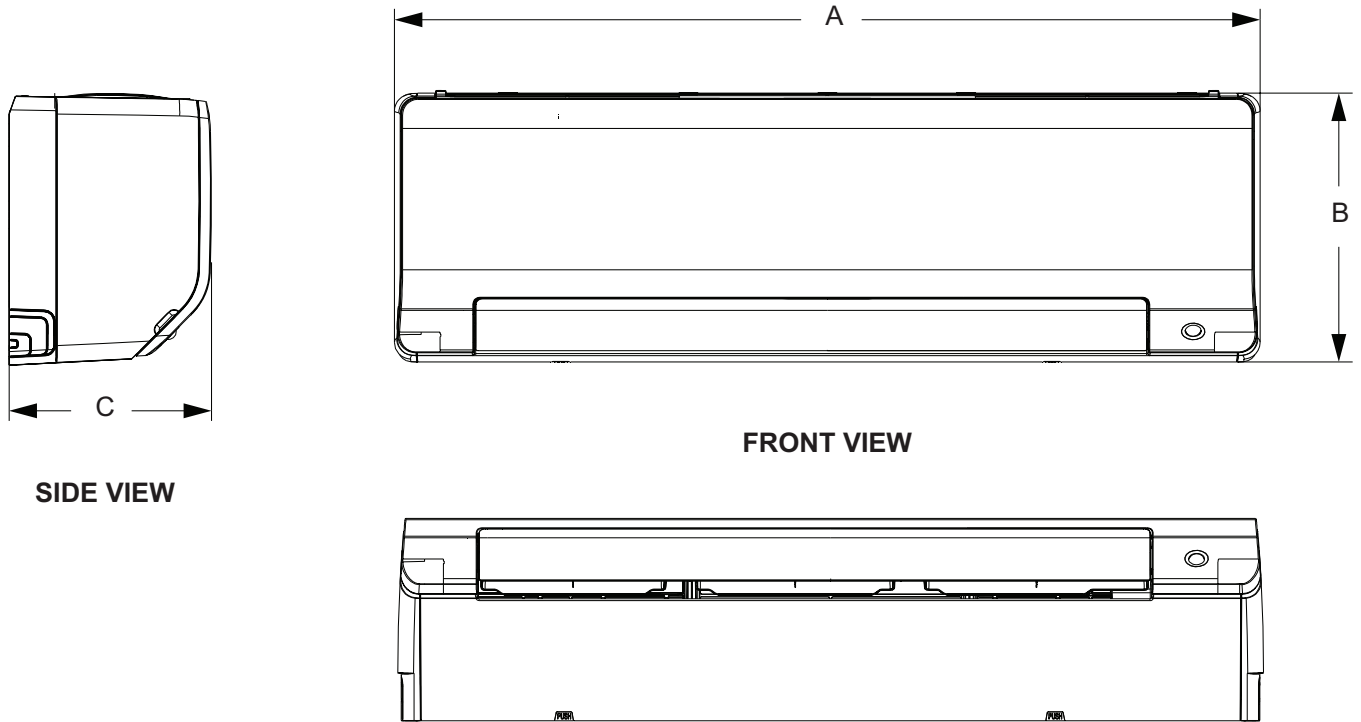**MWMC024S4-1P - COOLING**

MWMC024S4-1P - HEATING

MWMC030S4-1P - COOLING

MWMC030S4-1P - HEATING

MWMC006S4 | MWMC009S4 | MWMC012S4 | MWMC018S4 | MWMC024S4 | MWMC030S4
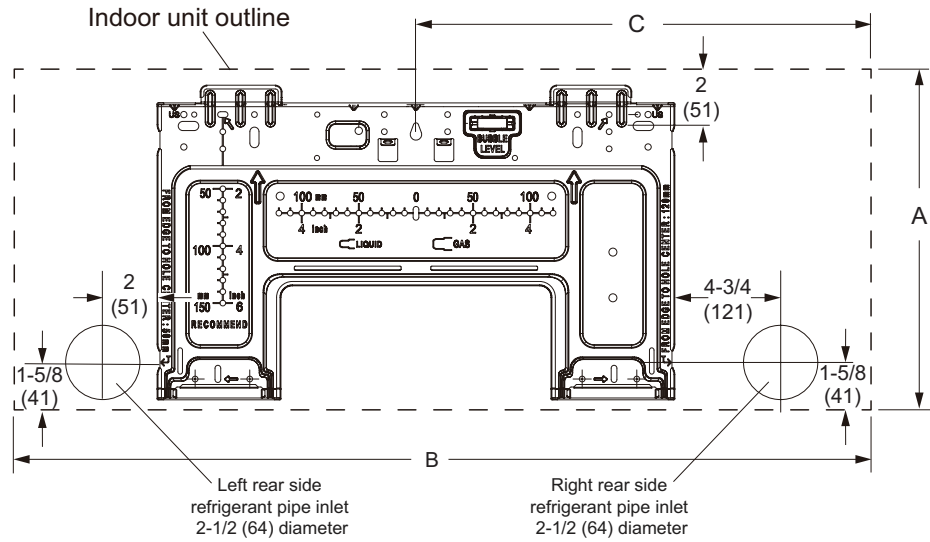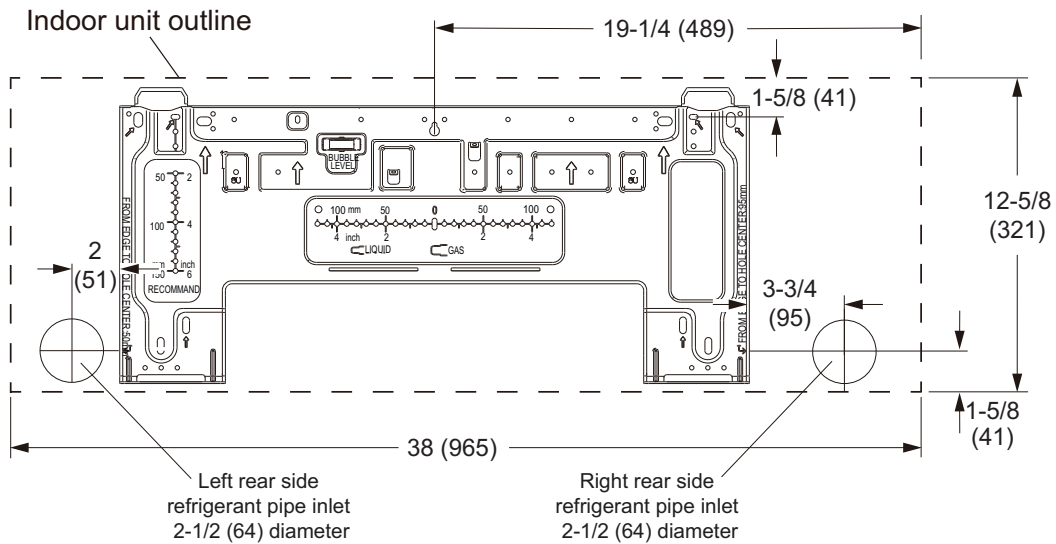
SIDE VIEW

FRONT VIEW

BOTTOM VIEW

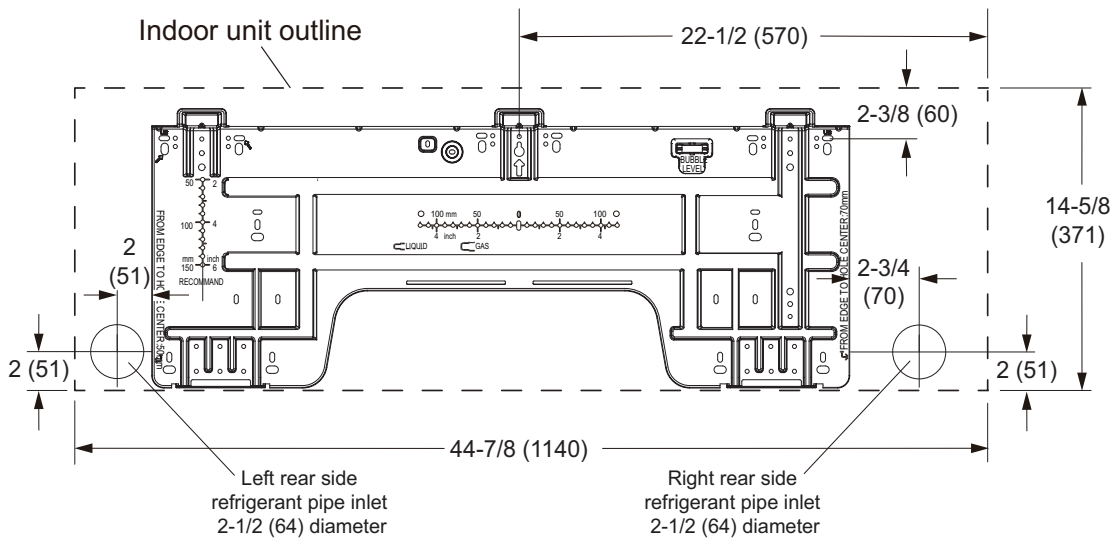| Size	A		B		C	
	in.	mm	in.	mm	in.	mm
MWMC006, 009, 012	33-3/8	848	11-3/4	298	9	229
MWMC018	40	1016	12-1/2	318	9-1/2	241
MWMC024, 030	46-7/8	1191	14-5/8	371	11	279

MWMC006S4 | MWMC009S4 | MWMC012S4

Indoor unit outline

C

A

B

2 (51)

4-3/4 (121)

1-5/8 (41)

2 (51)

1-5/8 (41)

Left rear side
refrigerant pipe inlet
2-1/2 (64) diameter

Right rear side
refrigerant pipe inlet
2-1/2 (64) diameter

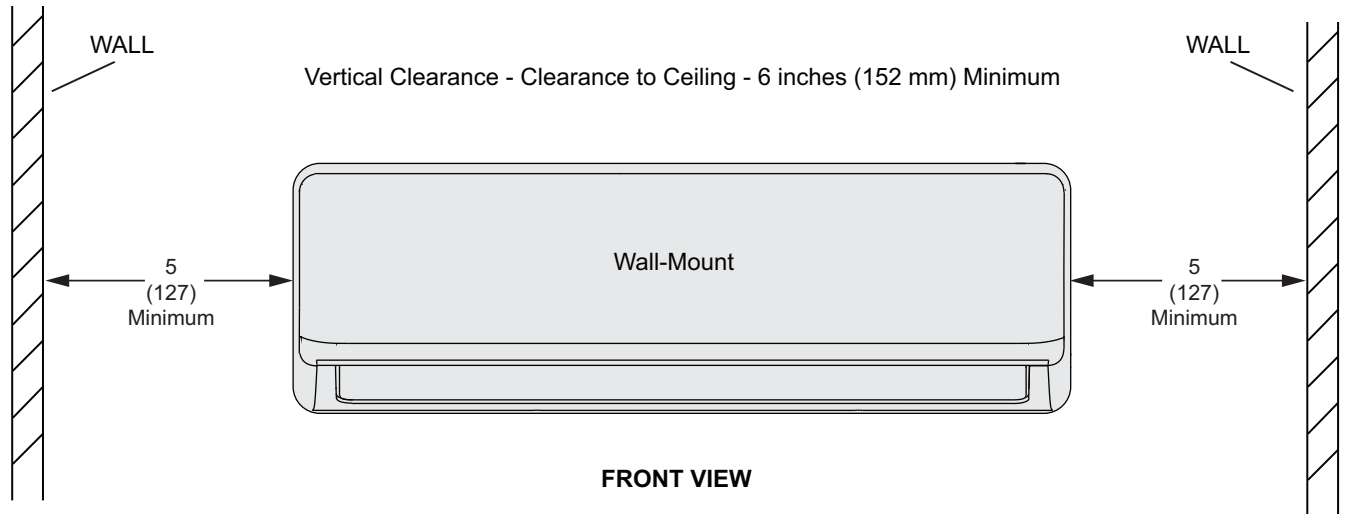| Size	A		B		C	
	in.	mm	in.	mm	in.	mm
MWMC009	11-1/2	290	28-1/2	724	13-3/4	349
MWMC012	11-3/4	297	31-3/4	806	15-7/8	403

MWMC018S4

Indoor unit outline

19-1/4 (489)

1-5/8 (41)

12-5/8 (321)

2 (51)

3-3/4 (95)

1-5/8 (41)

38 (965)

Left rear side
refrigerant pipe inlet
2-1/2 (64) diameter

Right rear side
refrigerant pipe inlet
2-1/2 (64) diameter

MWMC024S4 | MWMC030S4

Indoor unit outline

22-1/2 (570)

2-3/8 (60)

14-5/8 (371)

2 (51)

2-3/4 (70)

2 (51)

2 (51)

44-7/8 (1140)

Left rear side
refrigerant pipe inlet
2-1/2 (64) diameter

Right rear side
refrigerant pipe inlet
2-1/2 (64) diameter

WALL

Vertical Clearance - Clearance to Ceiling - 6 inches (152 mm) Minimum

WALL

Wall-Mount

5
(127)
Minimum

5
(127)
Minimum

FRONT VIEW

Vertical Clearance - Clearance to Floor - 72 inches (1829 mm) Minimum
NOTE - Provide 96 inches (2438) clearance to floor for best performance

REVISIONS

Sections	Description of Change
Approvals and Warranty	Updated Warranty statement.

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Contact us at 1-800-9-LENNOX