



TRANE®

22-1883-04A-EN

Product Data

**Split System (R-410A)
Air Handler for
Multi Split Inverter System
9,000 to 24,000 BTU/Hr**



Floor and Ceiling Type Indoor Unit:

4MXX8509B10N0AA

4MXX8512B10N0AA

4MXX8518B10N0AA

4MXX8524B10N0AA

It's Hard to Stop a Trane.

**Split System (R-410A, 60Hz) 16 SEER,
Inverter System - 9,000 to 24,000 BTU/Hr**

Whatever their specific heating and cooling needs, people trust Trane to provide reliable efficient solutions. Trane Ductless Systems allow you to create a comfortable indoor environment in spaces where adding ductwork might be impractical or too expensive, or not as efficient as a ductless option.

Retrofit a house that doesn't have a ducted system or where the central system is already at capacity. Bring efficient, economical comfort to new room additions. Provide spot heating and cooling that operates independently of the central system. Utilize ductless efficiency for new construction projects where ductless systems make more sense than a traditional ducted system. .

Easy to install Trane Ductless Systems offer flexibility in design and provide efficiency and economy with two simple components - an outdoor unit and one or more stylish, low profile, indoor units. All built with Trane's legendary reliability and innovative thinking.

Introducing the new TRANE Split System Family



4MXX High Efficiency Floor and Ceiling Indoor Unit

Quiet Operation

Specially designed air vent efficiently reduces operation noise to provide quiet comfort, as low as 33 dB.

Compact Design

The compact construction and simple structure make the floor and ceiling unit easy to install and maintain.

Flexible Installation Options

Flexible installation options to meet different requirements.

Washable Filter

To reduce moisture on filter and provide fresh, healthy air into the room, clean filter regularly with water.

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INDOOR UNIT MODEL NOMENCLATURE

	1	2	3	4	5-6	7-8	9	10	11	12	13	14	15
	4	M	X	X	65	12	A	1	0	N	0	B	A
Refrigerant 4 = R-410A													Service Digit A = First Sequence
Brand M = Mini-Split Indoor Unit U = U-Match													Minor Design Sequence A = First Design Sequence B = Second Design Sequence
Functional Type X = Heat Pump Inverter Y = Cooling Only Inverter													Reserved for Future Use 0 = Not Currently Used
Configuration Indoor Unit W = High Wall Unit D = Concealed (Duct) Unit C = Cassette Unit F = Floor Console Unit X = Convertible (Floor/Ceiling) Mount													Regional Markets Served (1:1 Systems) N = North America Market
Efficiency Tier 65 = 16+ SEER 85 = 18+ SEER 21 = 21 SEER 27 = 27 SEER													Reserved for Future Use 0 = Not Currently Used
Nominal Capacity (Btu/h x 1,000) 09 = 9,000 Btu/h 12 = 12,000 Btu/h 18 = 18,000 Btu/h 24 = 24,000 Btu/h 30 = 30,000 Btu/h 36 = 36,000 Btu/h													Electric Power Supply Characteristics 1 = 208-230/60/1
													Major Development Sequence A = First Development Sequence B = Second Development Sequence

General Data

MODEL - Floor and Ceiling Type	4MXX8509B10N0AA	4MXX8512B10N0AA
RATED Volts/PH	208 / 230 / 1	208 / 230 / 1
Frequency (Hz)	60	60
Total Cooling Capacity (Btu/h)	8500	11900
Total Heating Capacity (Btu/h)	9500	13100
Air Flow Volume (CFM) (H/M/L/SL)	412 / 359 / 318 / 247	412 / 359 / 318 / 247
Sound Power Level dB(A) (H/M/L/SL)	52 / 49 / 44 / 40	52 / 49 / 44 / 40
Sound PRESSURE Level dB(A) (H/M/L/SL) ①	38 / 35 / 30 / 26	38 / 35 / 30 / 26
Dehumidifying Volume (Pint/h)	1.69	2.69
PCB Fuse Current (A)	PCB 3.15A Transformer 0.2A	PCB 3.15A Transformer 0.2A
Fan Quantity	2	2
Fan Type	Centrifugal	Centrifugal
Motor Full Load Amp (FLA)	0.28	0.28
Fan Motor Drive Type	Direct Drive	Direct Drive
Fan Motor Speed (RPM) (H/M/L/SL)	790 / 690 / 610 / 480	790 / 690 / 610 / 480
Evaporator Face Area (ft ²)	1.93	1.93
Evaporator Number of Rows	2	2
Evaporator Fin Type	Hydrophilic-window	Hydrophilic-window
Evaporator Fin Color - Blue/Not Blue	Blue	Blue
Air Filter Size (L x W/No.) (inch)	14.29 x 9.44 / 2	14.29 x 9.44 / 2
Gas Pipe (to indoor unit) (inch)	3/8	1/2
Liquid Pipe (inch)	1/4	1/4
Connection Method	Flare Connection	Flare Connection
Drain Connection (Outer diameter) (inch)	5/8	5/8
Dimension (Uncrated) (W x D x H) (inch)	34.25 x 9.25 x 26.18	34.25 x 9.25 x 26.18
Dimension (Crated) (L x W x H) (inch)	40.67 x 30.31 x 11.81	40.67 x 30.31 x 11.81
Net Weight (lbs)	55.12	55.12
Gross Weight (lbs)	66.13	66.13

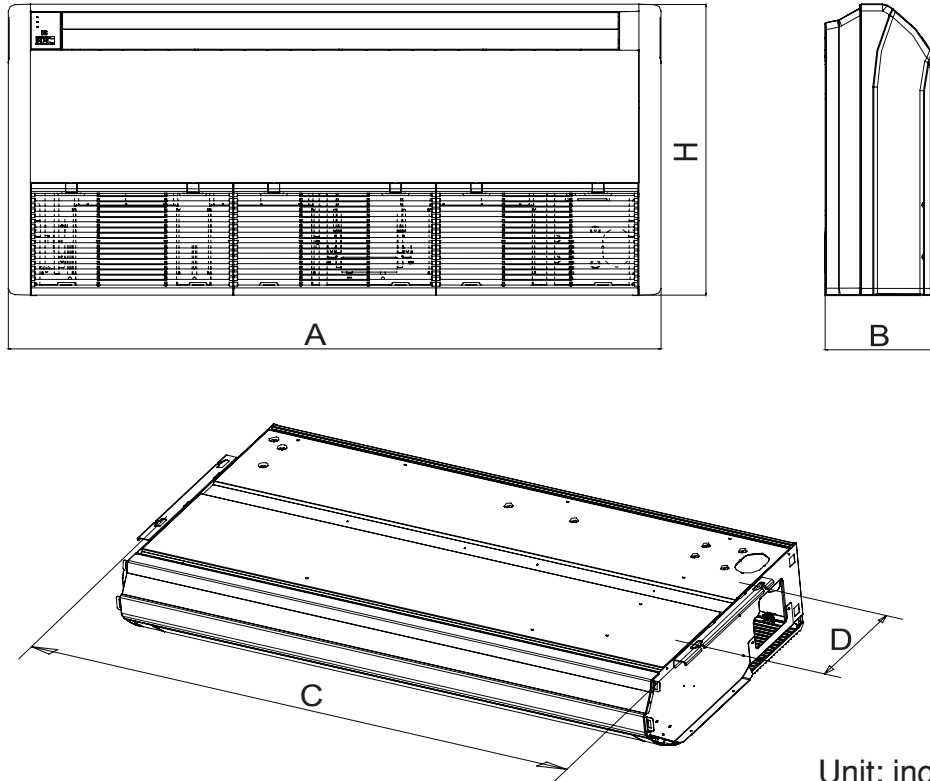
① Sound PRESSURE Level @ 3.3 ft. dB(A)

General Data

MODEL - Floor and Ceiling Type	4MXX8518B10N0AA	4MXX8524B10N0AA
RATED Volts/PH	208 / 230 / 1	208 / 230 / 1
Frequency (Hz)	60	60
Total Cooling Capacity (Btu/h)	17000	22800
Total Heating Capacity (Btu/h)	18700	27400
Air Flow Volume (CFM) (H/M/L/SL)	400 / 347 / 306 / 241	559 / 512 / 471 / 423
Sound Power Level dB(A) (H/M/L/SL)	52 / 49 / 44 / 41	52 / 49 / 45 / 41
Sound PRESSURE Level dB(A) (H/M/L/SL) ①	38 / 35 / 30 / 27	38 / 35 / 31 / 27
Dehumidifying Volume (Pint/h)	3.80	5.28
PCB Fuse Current (A)	PCB 3.15A Transformer 0.2A	PCB 3.15A Transformer 0.2A
Fan Quantity	2	3
Fan Type	Centrifugal	Centrifugal
Motor Full Load Amp (FLA)	0.28	0.32
Fan Motor Drive Type	Direct Drive	Direct Drive
Fan Motor Speed (RPM) (H/M/L/SL)	790 / 690 / 610 / 480	760 / 700 / 640 / 580
Evaporator Face Area (ft ²)	1.93	3.01
Evaporator Number of Rows	3	3
Evaporator Fin Type	Hydrophilic-window	Hydrophilic-window
Evaporator Fin Color - Blue/Not Blue	Blue	Blue
Air Filter Size (L x W/No.) (inch)	14.29 x 9.44 / 2	14.29 x 9.44 / 3
Gas Pipe (to indoor unit) (inch)	1/2	5/8
Liquid Pipe (inch)	1/4	3/8
Connection Method	Flare Connection	Flare Connection
Drain Connection (Outer diameter) (inch)	5/8	5/8
Dimension (Uncrated) (W x D x H) (inch)	34.25 x 9.25 x 26.18	47.24 x 9.25 x 26.18
Dimension (Crated) (L x W x H) (inch)	40.67 x 30.31 x 11.81	53.66 x 30.31 x 11.81
Net Weight (lbs)	56.21	72.75
Gross Weight (lbs)	67.24	88.18

① Sound PRESSURE Level @ 3.3 ft. dB(A)

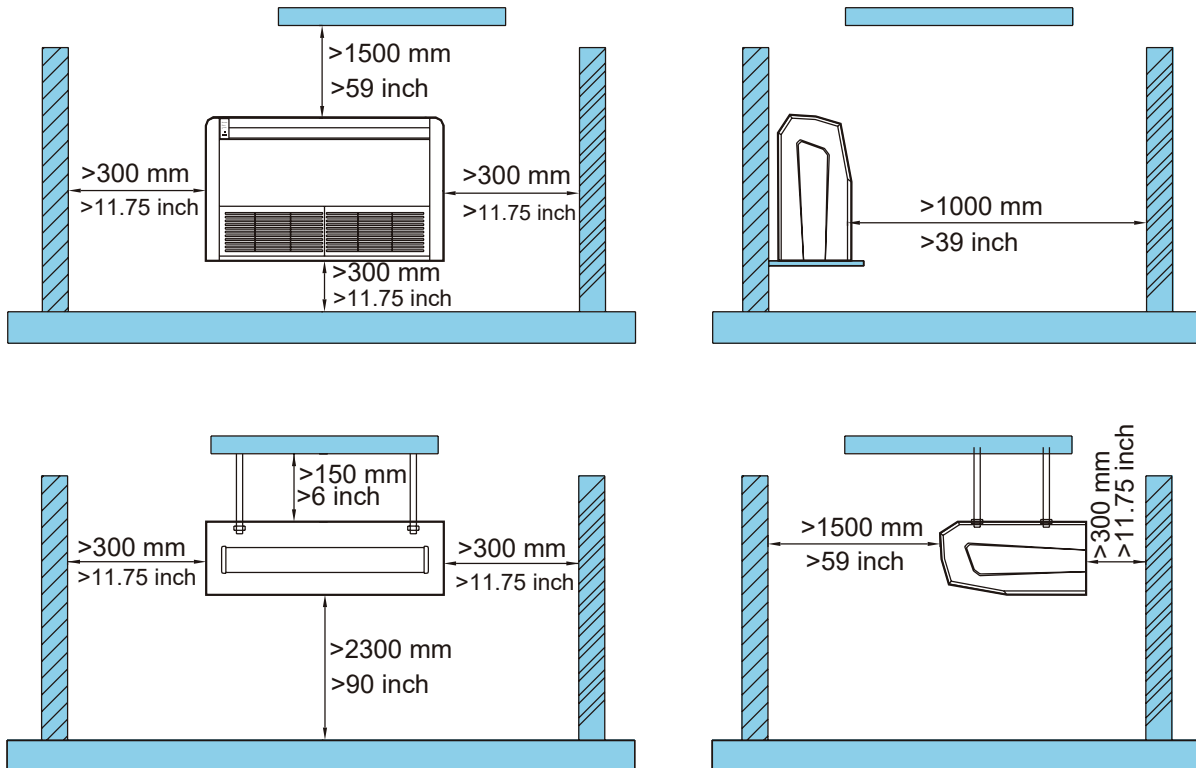
Unit Dimensions



Unit: inch (mm)

Model	A	B	H	C	D
4MXX8509B	34.2 (870)	9.2 (235)	26.2 (665)	32 (812)	12.5 (318)
4MXX8512B					
4MXX8518B					
4MXX8524B	47.2 (1200)	9.2 (235)	26.2 (665)	45 (1142)	12.5 (318)

Installation Clearances



Mechanical Specifications

Floor and Ceiling Type Indoor Unit

General

The Floor and Ceiling type air handler shall be completely factory assembled including coil, condensate drain pan, fan motor, washable filter and electric controls to be used with a remote controller. Unit shall be matched with a Trane outdoor unit, rated and tested in accordance with AHRI standard. Unit shall be ETL listed.

Unit Casing

Casing shall be provided with drain hose to facilitate piping and electrical connection on the right side of the unit. An electrical service cover shall be provided to permit easy access to the electrical terminal strip.

Discharge Airflow and Distribution System

Unit shall have auto swing, dual horizontal blades to optimize the aperture outlet for vertical airflow and air distribution. Blade shall close automatically when the air conditioner is turned off to minimize dust entering the unit. Five-Step preset program on the remote controller shall be available to control the blade angle.

Manually adjusted wide-angle louvers shall be provided to adjust the coverage and direction of airflow.

Controls

Units shall have the capability to be controlled with the supplied wired control unit. The optional wireless remote may be used to operate the wall mounted control.

Remote Controller

The unit may have an optional wireless infrared remote controller with easy reading digital display panel to start, stop and regulate the supplied wired control from a distance.

The wireless controller is available for all units. **(Sold separately)**

Washable Filtration

The unit shall have an easy clean, washable filter which allows for cleaning when needed. Clean filters provide optimum efficiency and fresh air into the room.



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