



TRANE®

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Product Data

Split System (R-410A) High Wall Type Air Handler for 18 SEER Multi-Split Inverter System



Split System
Heat Pump

Indoor Unit
4MXW8-A

It's Hard to Stop a Trane.

Split System (R-410A, 60Hz) 18 SEER, High Wall Type Air Handler Inverter System

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



**4MXW8 High Efficiency
Indoor Unit**

Quiet Design

Specially designed air vent efficiently reduces operation noise, as low as 26 dB.

Turbo Function

High speed operation quickly reaches desired temperature.

Sleep Mode Function

Temperature rises/falls automatically to maintain room comfort and save energy while you sleep.

Auto Clean/Triple Filtration

Fan runs when unit is stopped to reduce moisture and inhibit the development of bacteria, and the triple filtration further cleans the air that you breathe.

Anti-cold Design

To prevent blowing cold air directly to the room, air is pre-heated during heating operation.

Timer

Operate the unit automatically only when you want by setting the timer.

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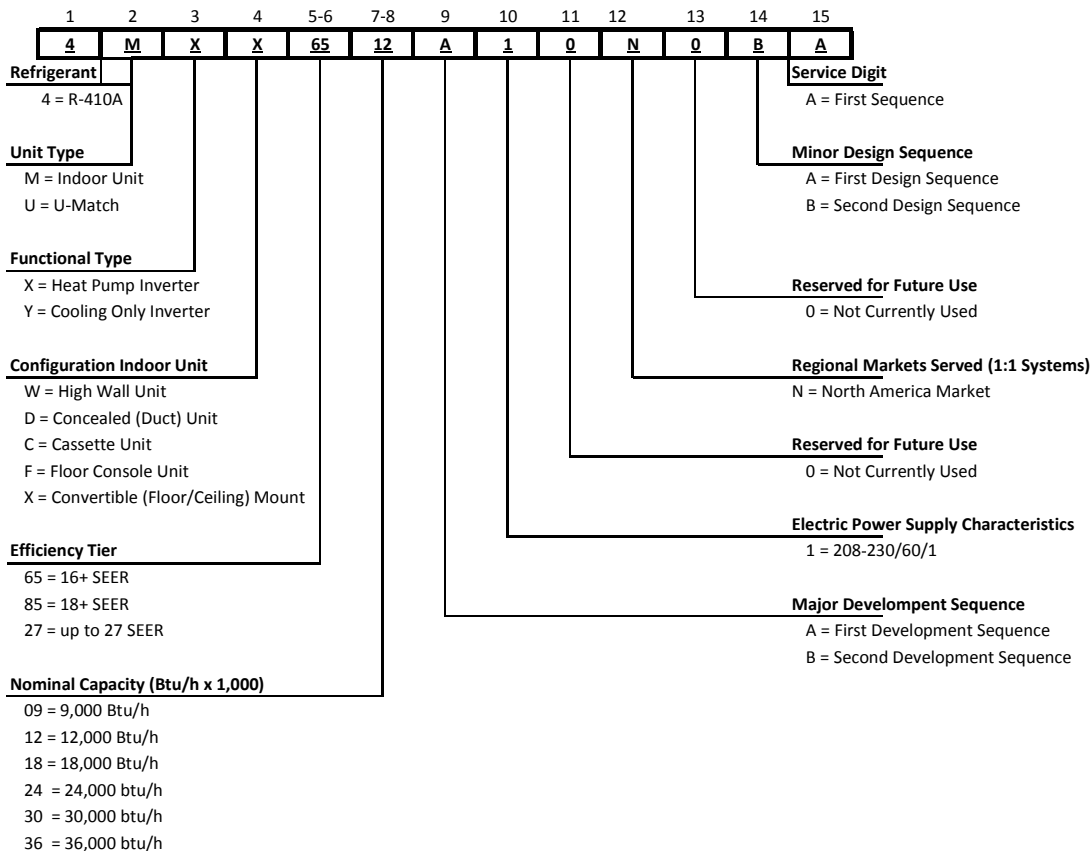
Optional Equipment

See the Service First Multi-Split Accessory Catalog for the complete accessory list.

Optional indoor unit accessories

| Model Number | Description | 4TXW8 Multi-split Indoor 18 SEER |
|-----------------|--|----------------------------------|
| BAYFTHW02P2A | Active Carbon & Catechin filter | ✓ |
| TREMOTE2AHANDAA | Wireless controller | |
| TREWIRE1AHANDAA | Wired Controller (Only Compatible with 4MXW85 14th digit C models) | ✓ |

INDOOR UNIT MODEL NOMENCLATURE



General Data

| MODEL - High Wall Unit ② | 4MXW8509A10N0CA | 4MXW8512A10N0CA |
|--|---|---|
| RATED Volts/PH | 208 / 230 / 1 | 208 / 230 / 1 |
| Frequency (Hz) | 60Hz | 60Hz |
| Total Cooling Capacity (Btu/h): | 9600 | 13000 |
| Total Heating Capacity (Btu/h): | 11000 | 14000 |
| Air Flow Volume (CFM) (H/M/L) | 307 / 277 / 254 / 218 | 335 / 277 / 254 / 218 |
| Sound PRESSURE Level dB (A)(SH/H/M/L) ① | 42 / 38 / 35 / 32 | 44 / 39 / 36 / 33 |
| Dehumidifying Volume (pt./h) | 2.16 | 2.52 |
| <hr/> | | |
| Fuse (A) | 3.15 | 3.15 |
| Fan Quantity | 1 | 1 |
| Fan Type | Cross-flow | Cross-flow |
| Fan Motor Speed (r/min) (SH/H/M/L) | 1260 / 1100 / 950 / 750 1320 / 1180 / 1050 / 950 | 1330 / 1100 / 950 / 750 1350 / 1200 / 1080 / 950 |
| Fan Motor RLA(A) | 0.2 | 0.2 |
| Evaporator | Aluminum Fin-copper Tube | Aluminum Fin-copper Tube |
| Pipe Diameter (inch) | 0.276 | 0.276 |
| Row Fin Gap (inch) | 2 - 0.055 | 2 - 0.055 |
| Coil length (L) x height (H) x coil width (W) (inch) | 22.9 x 1.0 x 10.4 | 22.9 x 1.0 x 10.4 |
| Output of Swing Motor (W) | 2.0 | 2.0 |
| <hr/> | | |
| Gas Pipe (inch) | 3/8 | 3/8 |
| Liquid Pipe (inch) | 1/4 | 1/4 |
| Connection Method | Flare Connection | Flare Connection |
| Uncrated Dimension (W/D/H) (inch) | 33.3 x 7.1 x 10.8 | 33.3 x 7.1 x 10.8 |
| Crated Dimension of Package (W/D/H) (inch) | 36.1 x 10.2 x 14.6 | 36.1 x 10.2 x 14.6 |
| Net Weight /Gross Weight (lbs) | 22.0 / 28.6 | 22.0 / 28.6 |

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

② 4MXW85 High Wall Models with 14th digit B are phasing out and will be replaced with 14th digit C models (Now compatible with wired controller)

| Air Velocity Patterns for High Wall | | |
|--|--------------|--------------|
| Max Horizontal Distance | | |
| Unit: ft. (m) | | |
| Model | Cooling Mode | Heating Mode |
| 4MXW8509 | 29.5 (9) | 23.6 (7.2) |
| 4MXW8512 | 29.5 (9) | 23.6 (7.2) |
| 4MXW8518 | 29.5 (9) | 29.5 (9) |
| 4MXW8524 | 31.8 (9.7) | 26.2 (8) |

General Data

MODEL - High Wall ②

4MXW8518A10N0CA

| | |
|---|-----------------------|
| RATED Volts/PH | 208 / 230 / 1 |
| Frequency (Hz) | 60Hz |
| Maximum Cooling Capacity (Btu/h): | 22350 |
| Maximum Heating Capacity (Btu/h): | 22350 |
| Air Flow Volume (CFM) (H/M/L) | 501 / 460 / 383 / 324 |
| Sound PRESSURE Level dB (A)(SH/H/M/L) ① | 49 / 44 / 40 / 35 |
| Dehumidifying Volume (pt./h) | 3.29 |

| | |
|--|---|
| Fuse (A) | 3.15 |
| Fan Quantity | 1 |
| Fan Type | Cross-flow |
| Fan Motor Speed (r/min) (SH/H/M/L) | 1500 / 1200 / 1050 / 900 1500 / 1250 / 1150 / 1050 |
| Fan Motor RLA(A) | 0.32 |
| Evaporator | Aluminum Fin-copper Tube |
| Pipe Diameter (inch) | 0.276 |
| Row Fin Gap (inch) | 2 - 0.055 |
| Coil length (L) x height (H) x coil width (W) (inch) | 28.1 x 1.0 x 12.0 |
| Output of Swing Motor (W) | 2.5 |

| | |
|--|--------------------|
| Gas Pipe (inch) | 1/2 |
| Liquid Pipe (inch) | 1/4 |
| Connection Method | Flare Connection |
| Uncrated Dimension (W/D/H) (inch) | 37.0 x 7.9 x 11.7 |
| Crated Dimension of Package (W/D/H) (inch) | 39.8 x 11.2 x 15.0 |
| Net Weight /Gross Weight (lbs) | 28.6 / 37.4 |

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

② 4MXW85 High Wall Models with 14th digit B are phasing out and will be replaced with 14th digit C models (Now compatible with wired controller)

Mechanical Specifications

Split System Indoor High Wall

General

The High Wall mounted type air handler shall be completely factory assembled including coil, condensate drain pan, fan motor, washable filter, air purifying filter and electric controls to be used with a wireless remote controller. Unit shall be shipped with a unit mounting plate. 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 knockouts on the right, and left of the unit to facilitate piping and electrical connection on either 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 remotely.

Remote Controller

The unit shall have a wireless infrared remote controller with easy reading digital display panel to start, stop and regulate the air conditioner from a distance.

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

Healthy Filters

The unit shall have one combined active carbon and catechin filter with the unit. The filter needs to be cleaned at least once a year.

