



Product Catalog

Greenergy Mini-VRF Advanced Multi-Split System 3 - 6 HP AMS Series 50 Hz



| | Indoor Units | Outdoor Units |
|-----------------------|--------------------------------------|--------------------------------------|
| Concealed Type | MCD509 MCD512 MCD518 MCD524 | TUM524 TUM536 TUM542 TUM548 |
| Cassette Type | MCC518 MCC524 | |
| High-Wall Type | MCW509 MCW512 MCW518 | |

Features and Benefits

MCD Concealed Unit

Features:

- Compact design
- Blue fin
- Well-insulated one piece mold drain pan
- Optional return air plenum
- Compatible with wired or wireless control

Benefits:

- Flexibility in installation locations
- IAQ and corrosion proof
- Flexibility in airflow
- Whisper quiet operation
- Ease of installation



MCC Cassette Unit

Features:

- Slim & attractive design
- 4-way directional airflow
- Condensate pump furnished from factory

Benefits:

- Space saving & free interior design
- Wide vertical air distribution
- Effectively drain condensate regardless of the installed position of the unit
- Down-flow performance enhancement
- Quiet operation
- Ease of installation



MCW High-Wall Unit

Features:

- Modern & compact design
- Easy-cleaned panel

Benefits:

- Quiet operation
- Ease of installation



TUM Condensing Unit

Features and Benefits:

- High efficiency unit with reliable aluminum fin.
- Compact unit size allows for installation in limited or confined spaces. Durability structure and serviceability
- New design propeller contributes higher airflow and low noise
- Achieve energy label#1
- Superior part-load performance
- Environmental friendly refrigerant

Options:

- Blue fin, Copper fin
- Stainless casing



Model Number Descriptions

Outdoor Unit

T U M 5 3 6 A M A A 0 A A B
 1 2 3 4 5 6 7 8 9 10 11 12 13 14

- Digit 1** T = Trane
- Digit 2** U = Cooling only (R410A)
X = Heat pump
- Digit 3** M = AMS system
- Digit 4** 5 = Threaded connection
- Digits 5, 6** Nominal cooling capacity
24
36
42
48
- Digit 7** Designed serial number
A
- Digit 8** Type of power
M = 220 ~ 240V/50Hz/1Ph
- Digit 9** Design change code:
A = First
- Digit 10** Change code for maintenance parts (not chosen by customer)
A = First
- Digit 11** 0 = Apply to T1 ambient temperature
- Digit 12** Configuration change (not chosen by customer)
A = First
- Digit 13** Throttling device (not chosen by customer)
A = With throttling device
N = Without throttling device
- Digit 14** Other options
A = Sale in domestic market
B = Export



Model Number Descriptions

Indoor Unit

M **C** **D** **5** **1** **8** **M** **M** **N** **B** **A** **N** **L** **A** **B**
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

| | |
|--------------------|--|
| Digit 1 | M = Mini split |
| Digit 2 | W = Heat pump C = Cooling only |
| Digit 3 | D = Duct unit |
| Digit 4 | 5 = Threaded connection |
| Digits 5, 6 | Nominal cooling capacity 09 12 18 24 |
| Digit 7 | Designed serial number M = Standard model |
| Digit 9 | Electric heater N = Without electric heater |
| Digit 10 | Controller A = Wired B = Wired + remote control card (standard) |
| Digit 11 | Design change A = Change of initial design B = Second design (a drainage pump is built in) |
| Digit 12 | Optional accessories N = Without air return plenum, without strainer, without hot water coil M = With rear air return plenum, without strainer, without hot water coil A = With rear air return plenum, with strainer, without hot water coil B = With rear air return plenum, with strainer, with single-row hot water coil D = Without rear air return plenum, without strainer, with single-row hot water coil F = With rear air return plenum, without strainer, with single-row hot water coil G = With rear air return plenum, with strainer, with double-row hot water coil J = Without air return plenum, without strainer, with double-row hot water coil S = With rear air return plenum, without strainer, with double-row hot water coil K = With bottom air return plenum, without strainer, without hot water coil L = With bottom air return plenum, with strainer, without hot water coil P = With bottom air return plenum, with strainer, with single-row hot water coil T = With bottom air return plenum, with strainer, with double-row hot water coil Q = With bottom air return plenum, without strainer, with single-row hot water coil Y = With bottom air return plenum, without strainer, with double-row hot water coil (Standard strainer is made of nylon) |
| Digit 13 | Coil connection (to air outlet) L = Left (standard) R = Right |
| Digit 14 | Configuration change A = First Other options A = Sale in domestic market B = Export |

Indoor Unit

M **C** **C** **5** **1** **8** **M** **M** **N** **B** **A** **N** **A** **B**
 1 2 3 4 5 6 7 8 9 10 11 12 13 14

- Digit 1** M = Trane mini split
- Digit 2** C = Cooling only
W = Heat pump
- Digit 3** C = Cassette
- Digit 4** 5 = Threaded connection
- Digit 5, 6** Nominal cooling capacity
18
24
- Digit 7** Design serial no.
M = Free split indoor unit inverter system (with electronic expansion valve)
- Digit 8** Power supply type
M = 220 ~ 240V/50Hz/1Ph
- Digit 9** Electric heater
N = Non-electric heater
- Digit 10** Controller
A = Wired
B = Wired + remote control card (standard)
- Digit 11** Design change
A = Change of initial design
- Digit 12** Optional accessories
N = None
- Digit 13** Configuration change
A = First
- Digit 14** Others
A = Sale in domestic market
B = Export



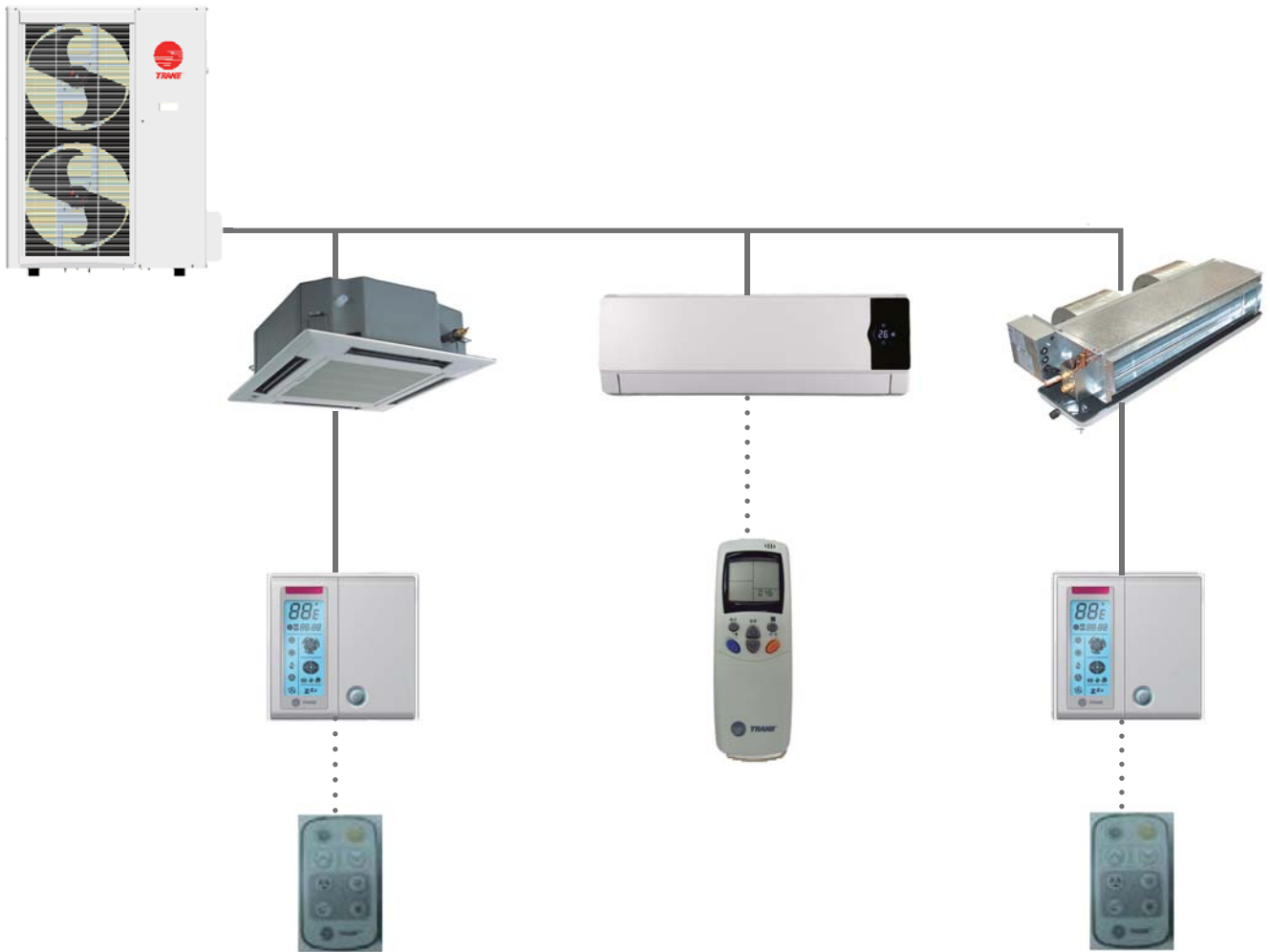
Model Number Descriptions

Indoor Unit

M **C** **W** **5** **1** **8** **M** **M** **N** **C** **A** **N** **A** **B**
1 2 3 4 5 6 7 8 9 10 11 12 13 14

| | |
|-------------------|--|
| Digit 1 | M = Trane mini split |
| Digit 2 | C = Cooling only W = Heat pump |
| Digit 3 | W = Wall-mounted unit |
| Digit 4 | 5 = Threaded connection |
| Digit 5, 6 | Nominal cooling capacity 09 12 18 |
| Digit 7 | Design serial no M = Free split inverter indoor unit system (with electronic expansion valve) |
| Digit 8 | Power supply type M = 220 ~ 240V/50Hz/1Ph |
| Digit 9 | Electric heater N = None |
| Digit 10 | Controller C = LCD remote controller |
| Digit 11 | Design change A = Change of initial design |
| Digit 12 | Optional accessories N = None |
| Digit 13 | Configuration change A = First |
| Digit 14 | Other options A = Sales in domestic market B = Export |

System Diagram





Technical Data

Outdoor Unit

| Outdoor Unit Model | | TUM524 | TUM536 | TUM542 | TUM548 |
|--------------------------|---------------|----------------------|--------|--------|--------|
| Power Supply | V/Hz/Ph | 220 ~ 240V/50/1 | | | |
| Rated Cooling Capacity | kW | 8.5 | 10.0 | 12.5 | 15.0 |
| Outdoor Unit Input Power | Cooling (kW) | 2.5 | 3.2 | 4.0 | 5.1 |
| Current | Running (A) | 11.4 | 14.5 | 18.6 | 23.0 |
| | Starting (A) | Soft Starting | | | |
| Compressor | Type | Hermetic DC Inverter | | | |
| | Number | 1 | 1 | 1 | 1 |
| Fan Motor (axis style) | Number | 1 | 1 | 2 | 2 |
| Refrigerant | Type | R410a | R410a | R410a | R410a |
| | Charge (kg) | 3.15 | 3.15 | 4.2 | 4.2 |
| Pipe Connection | Gas (inch) | 5/8 | 5/8 | 3/4 | 3/4 |
| | Liquid (inch) | 3/8 | 3/8 | 3/8 | 3/8 |
| Unit Dimensions | Width (mm) | 950 | 950 | 950 | 950 |
| | Depth (mm) | 390 | 390 | 390 | 390 |
| | Height (mm) | 980 | 980 | 1285 | 1285 |
| Sound Pressure Levels | dB(A) | 62 | 62 | 60 | 60 |
| Unit Weight | kg | 95 | 95 | 140 | 140 |

Note: 1. Cooling operating condition: outdoor dry bulb is 35°C.
 2. Noise test complies with Standard GB/T 18837-2002.

Concealed Unit

| Indoor Unit Model | | | MCD509 | MCD512 | MCD518 | MCD524 |
|-----------------------|---------------------------------------|---------|-----------------|-------------|--------------|---------------|
| Cooling Capacity | | kW | 2.5 | 3.5 | 5 | 6.5 |
| Power Supply | | V/Hz/Ph | 220 ~ 240V/50/1 | | | |
| Fan Motor | Nominal Airflow (High/Medium/Low) | CMH | 550/468/385 | 660/561/462 | 880/748/616 | 1200/1020/840 |
| | External Static Pressure (Adjustable) | Pa | 10~20 | 10~20 | 10~30 | 10~30 |
| | Power | W | 50 | 55 | 85 | 122 |
| | Current | A | 0.23 | 0.25 | 0.39 | 0.55 |
| Sound Pressure Levels | (High/Medium/Low) | dB(A) | 35/33/32 | 36/35/34 | 37/35/32 | 40/38/35 |
| Pipe Connection | Gas | inch | 3/8 | 1/2 | 5/8 | 5/8 |
| | Liquid | inch | 1/4 | 1/4 | 3/8 | 3/8 |
| | Drain | inch | 3/4 | 3/4 | 3/4 | 3/4 |
| Dimensions | (WxDxH) | mm | 883*518*237 | 983*518*237 | 1153*518*237 | 1433*518*237 |
| Duct Connection Size | | mm | 693*152 | 793*152 | 963*152 | 1243*152 |
| Unit Weight | | kg | 19 | 20 | 23 | 30 |

- Note: 1. Cooling operating condition: indoor: dry bulb is 27°C, wet bulb is 19°C; Outdoor: dry bulb is 35°C.
 2. Noise test complies with Standard GB/T 18837-2002.
 3. Nominal airflow is measured when fan runs at high speed and outdoor unit remaining pressure is 0Pa.



Technical Data

High Wall Unit

| | | | | | |
|---|----------------------------------|---------|-----------------|-------------|-------------|
| Indoor Unit Model | | | MCW509 | MCW512 | MCW518 |
| Cooling Capacity | | kW | 2.8 | 3.6 | 5 |
| Power Supply | | V/Hz/Ph | 220 ~ 240V/50/1 | | |
| Fan Motor | Nominal Airflow(High/Medium/Low) | CMH | 500/400/300 | 630/530/430 | 630/530/430 |
| | Power | W | 50 | 60 | 60 |
| | Current | A | 0.23 | 0.27 | 0.27 |
| Sound Pressure Levels (High/Medium/Low) | | dB(A) | 37/36/34 | 43/41/38 | 43/41/38 |
| Pipe Connection | Gas | inch | 1/4 | 1/4 | 1/4 |
| | Liquid | inch | 3/8 | 1/2 | 1/2 |
| | Drain | inch | 1 1/8 | 1 1/8 | 1 1/8 |
| Dimensions (WxDxH) | | mm | 843*180*275 | 940*200*298 | 940*200*298 |
| Unit Weight | | kg | 11 | 13 | 13 |

Cassette Unit

| | | | | |
|---|----------------------------------|---------|-----------------|---------------|
| Indoor Unit Model | | | MCC518 | MCC524 |
| Cooling Capacity | | kW | 5.0 | 7.1 |
| Power Supply | | V/Hz/Ph | 220 ~ 240V/50/1 | |
| Fan Motor | Nominal Airflow(High/Medium/Low) | CMH | 680/625/570 | 1180/1080/980 |
| | Power | W | 65 | 83 |
| | Current | A | 0.28 | 0.37 |
| Sound Pressure Levels (High/Medium/Low) | | dB(A) | 37/35/33 | 39/37/35 |
| Pipe Connection | Gas | inch | 1/2 | 5/8 |
| | Liquid | inch | 1/4 | 3/8 |
| | Drain | inch | 1 1/4 | 1 1/4 |
| Dimensions (WxDxH) | Case | mm | 840*840*190 | 840*840*240 |
| | Panel | mm | 950*950*60 | 950*950*60 |
| Unit Weight | | kg | 25 | 30 |
| Panel Weight | | kg | 6.5 | 6.5 |

Note: 1. Cooling operating condition: Indoor: dry bulb is 27°C, wet bulb is 19°C; Outdoor: dry bulb is 35°C.
2. Noise test complies with Standard GB/T 18837-2002.



Performance Data

Outdoor Unit - TUM524

| Outdoor Dry Bulb Temperature (°C) | Indoor Wet Bulb Temperature (°C) | | | | | | | | | |
|-----------------------------------|----------------------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | 15 | | 17 | | 19 | | 21 | | 23 | |
| | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input |
| 17 | 8.5 | 1.7 | 9.1 | 1.7 | 9.8 | 1.7 | 10.4 | 1.8 | 11.2 | 1.8 |
| 19 | 8.4 | 1.8 | 9.0 | 1.8 | 9.6 | 1.8 | 10.3 | 1.8 | 11.0 | 1.9 |
| 21 | 8.3 | 1.8 | 8.9 | 1.9 | 9.5 | 1.9 | 10.2 | 1.9 | 10.9 | 2.0 |
| 23 | 8.2 | 1.9 | 8.8 | 2.0 | 9.4 | 2.0 | 10.0 | 2.0 | 10.7 | 2.1 |
| 25 | 8.1 | 2.0 | 8.6 | 2.0 | 9.3 | 2.1 | 9.9 | 2.1 | 10.6 | 2.2 |
| 27 | 8.0 | 2.1 | 8.5 | 2.1 | 9.1 | 2.2 | 9.7 | 2.2 | 10.4 | 2.2 |
| 29 | 7.8 | 2.2 | 8.4 | 2.2 | 9.0 | 2.2 | 9.6 | 2.3 | 10.2 | 2.3 |
| 31 | 7.7 | 2.2 | 8.2 | 2.3 | 8.8 | 2.3 | 9.4 | 2.4 | 10.1 | 2.4 |
| 33 | 7.6 | 2.3 | 8.1 | 2.4 | 8.7 | 2.4 | 9.3 | 2.5 | 9.9 | 2.5 |
| 35 | 7.4 | 2.4 | 7.9 | 2.5 | 8.5 | 2.5 | 9.1 | 2.5 | 9.7 | 2.7 |
| 37 | 7.3 | 2.5 | 7.8 | 2.5 | 8.3 | 2.6 | 8.9 | 2.6 | 9.6 | 2.7 |
| 39 | 7.1 | 2.6 | 7.6 | 2.6 | 8.2 | 2.7 | 8.8 | 2.7 | 9.4 | 2.6 |

Outdoor Unit - TUM536

| Outdoor Dry Bulb Temperature (°C) | Indoor Wet Bulb Temperature (°C) | | | | | | | | | |
|-----------------------------------|----------------------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | 15 | | 17 | | 19 | | 21 | | 23 | |
| | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input |
| 17 | 10.0 | 2.1 | 10.8 | 2.2 | 11.6 | 2.2 | 12.5 | 2.3 | 13.3 | 2.3 |
| 19 | 9.9 | 2.3 | 10.7 | 2.3 | 11.5 | 2.3 | 12.3 | 2.4 | 13.2 | 2.4 |
| 21 | 9.7 | 2.4 | 10.5 | 2.4 | 11.3 | 2.4 | 12.1 | 2.5 | 13.0 | 2.5 |
| 23 | 9.6 | 2.5 | 10.4 | 2.5 | 11.1 | 2.5 | 12.0 | 2.6 | 12.8 | 2.6 |
| 25 | 9.5 | 2.6 | 10.2 | 2.6 | 11.0 | 2.7 | 11.8 | 2.7 | 12.6 | 2.8 |
| 27 | 9.3 | 2.7 | 10.0 | 2.7 | 10.8 | 2.8 | 11.6 | 2.8 | 12.4 | 2.9 |
| 29 | 9.2 | 2.8 | 9.9 | 2.8 | 10.6 | 2.9 | 11.4 | 2.9 | 12.2 | 3.0 |
| 31 | 9.0 | 2.9 | 9.7 | 2.9 | 10.4 | 3.0 | 11.2 | 3.0 | 11.9 | 3.1 |
| 33 | 8.8 | 3.0 | 9.5 | 3.0 | 10.2 | 3.1 | 10.9 | 3.1 | 11.7 | 3.2 |
| 35 | 8.6 | 3.1 | 9.3 | 3.1 | 10.0 | 3.2 | 10.7 | 3.3 | 11.5 | 3.3 |
| 37 | 8.4 | 3.2 | 9.1 | 3.2 | 9.8 | 3.3 | 10.5 | 3.4 | 11.2 | 3.4 |
| 39 | 8. | 3.3 | 8.9 | 3.3 | 9.5 | 3.4 | 10.2 | 3.5 | 10.9 | 3.5 |

Outdoor Unit - TUM542

| Outdoor Dry Bulb Temperature (°C) | Indoor Wet Bulb Temperature (°C) | | | | | | | | | |
|-----------------------------------|----------------------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | 15 | | 17 | | 19 | | 21 | | 23 | |
| | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input |
| 17 | 12.5 | 2.5 | 13.5 | 2.6 | 14.5 | 2.6 | 15.6 | 2.7 | 16.6 | 2.8 |
| 19 | 12.3 | 2.7 | 13.5 | 2.7 | 14.4 | 2.8 | 15.4 | 2.8 | 16.4 | 2.9 |
| 21 | 12.1 | 2.8 | 13.2 | 2.9 | 14.2 | 2.9 | 15.1 | 3.0 | 16.3 | 3.0 |
| 23 | 12.0 | 2.9 | 12.9 | 3.0 | 13.9 | 3.1 | 14.9 | 3.1 | 16.0 | 3.2 |
| 25 | 11.8 | 3.1 | 12.8 | 3.2 | 13.7 | 3.2 | 14.8 | 3.2 | 15.8 | 3.3 |
| 27 | 11.7 | 3.2 | 12.6 | 3.3 | 13.5 | 3.3 | 14.5 | 3.4 | 15.5 | 3.5 |
| 29 | 11.4 | 3.3 | 12.3 | 3.4 | 13.3 | 3.5 | 14.3 | 3.6 | 15.2 | 3.7 |
| 31 | 11.3 | 3.5 | 12.1 | 3.6 | 13.0 | 3.6 | 13.9 | 3.7 | 14.9 | 3.8 |
| 33 | 11.0 | 3.6 | 11.8 | 3.7 | 12.8 | 3.7 | 13.6 | 3.8 | 14.7 | 3.9 |
| 35 | 10.8 | 3.7 | 11.6 | 3.8 | 12.5 | 4.0 | 13.4 | 3.9 | 14.4 | 3.9 |
| 37 | 10.6 | 3.9 | 11.4 | 3.9 | 12.2 | 3.9 | 13.1 | 4.0 | 14.1 | 4.0 |
| 39 | 10.3 | 3.9 | 11.1 | 4.0 | 11.9 | 4.0 | 12.8 | 4.1 | 13.6 | 4.2 |

Outdoor Unit - TUM548

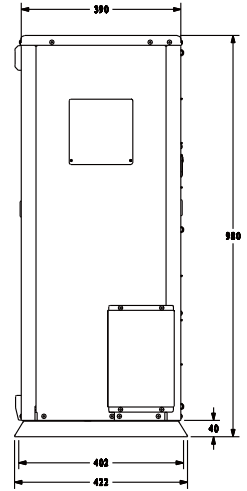
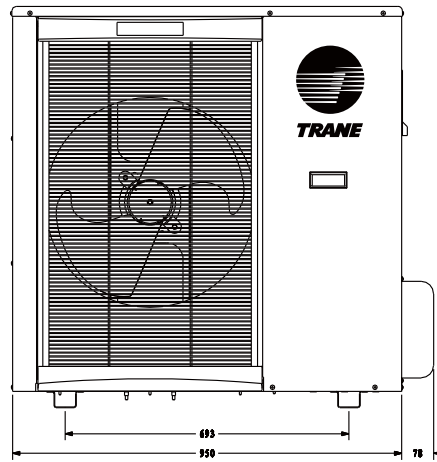
| Outdoor Dry Bulb Temperature (°C) | Indoor Wet Bulb Temperature (°C) | | | | | | | | | |
|-----------------------------------|----------------------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|
| | 15 | | 17 | | 19 | | 21 | | 23 | |
| | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input | Cooling Capacity | Power Input |
| 17 | 15.0 | 3.4 | 16.2 | 3.5 | 17.4 | 3.5 | 18.7 | 3.6 | 20.0 | 3.7 |
| 19 | 14.8 | 3.6 | 16.0 | 3.6 | 17.2 | 3.7 | 18.5 | 3.8 | 19.8 | 3.8 |
| 21 | 14.6 | 3.8 | 15.8 | 3.8 | 17.0 | 3.9 | 18.2 | 4.0 | 19.5 | 4.0 |
| 23 | 14.4 | 3.9 | 15.5 | 4.0 | 16.7 | 4.1 | 17.9 | 4.1 | 19.2 | 4.2 |
| 25 | 14.2 | 4.1 | 15.3 | 4.2 | 16.5 | 4.2 | 17.7 | 4.3 | 18.9 | 4.4 |
| 27 | 14.0 | 4.2 | 15.1 | 4.3 | 16.2 | 4.4 | 17.4 | 4.5 | 18.6 | 4.6 |
| 29 | 13.7 | 4.4 | 14.8 | 4.5 | 15.9 | 4.6 | 17.1 | 4.7 | 18.3 | 4.8 |
| 31 | 13.5 | 4.6 | 14.5 | 4.7 | 15.6 | 4.8 | 16.7 | 4.8 | 17.9 | 4.9 |
| 33 | 13.2 | 4.7 | 14.2 | 4.8 | 15.3 | 4.9 | 16.4 | 5.0 | 17.6 | 5.1 |
| 35 | 13.0 | 4.9 | 13.9 | 5.0 | 15.0 | 5.1 | 16.1 | 5.2 | 17.2 | 5.3 |
| 37 | 12.7 | 5.1 | 13.6 | 5.2 | 14.6 | 5.3 | 15.7 | 5.4 | 16.8 | 5.4 |
| 39 | 12.4 | 5.2 | 13.3 | 5.3 | 14.3 | 5.4 | 15.3 | 5.5 | 16.4 | 5.6 |

Note: 1. Cooling capacity and power input are shown in kW. 2. Rated frequency cooling test result

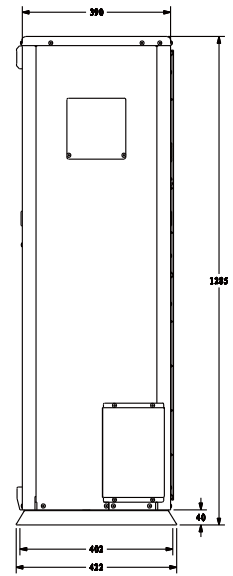
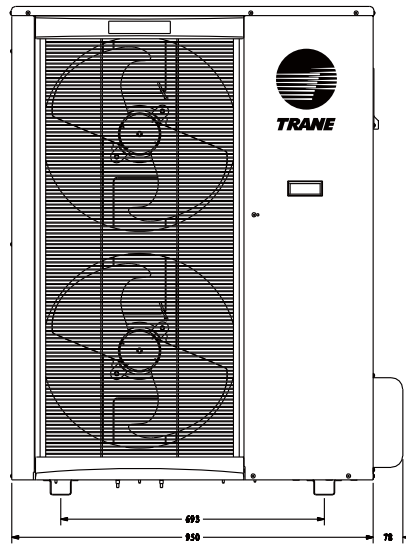
Unit Dimensions

Outdoor Unit

TUM 524/536



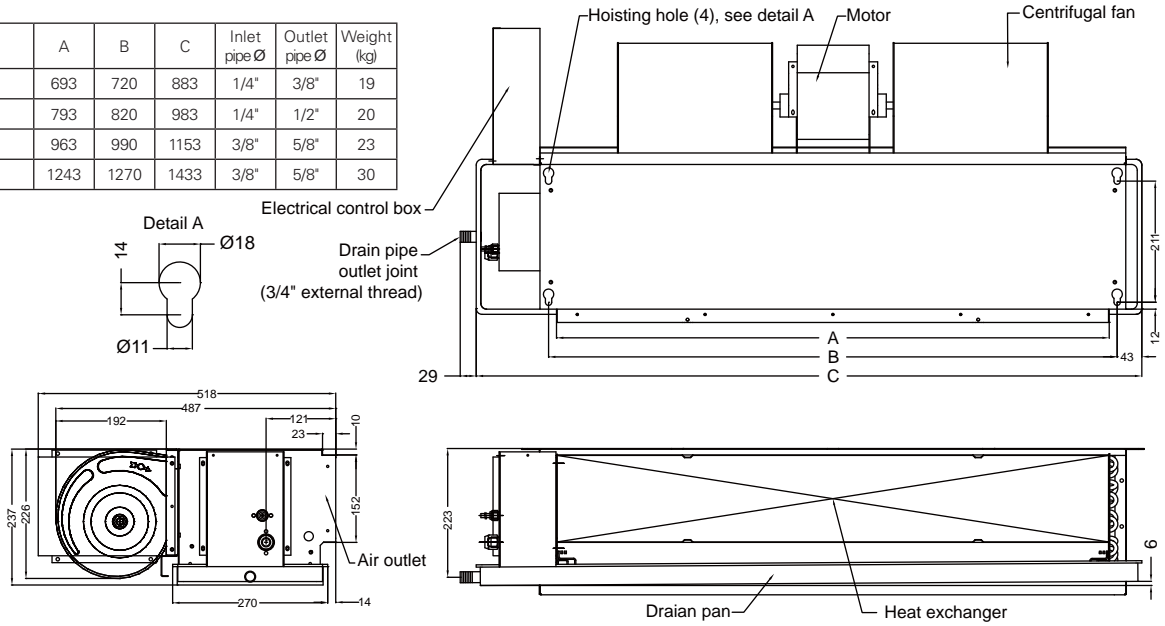
TUM 542/548



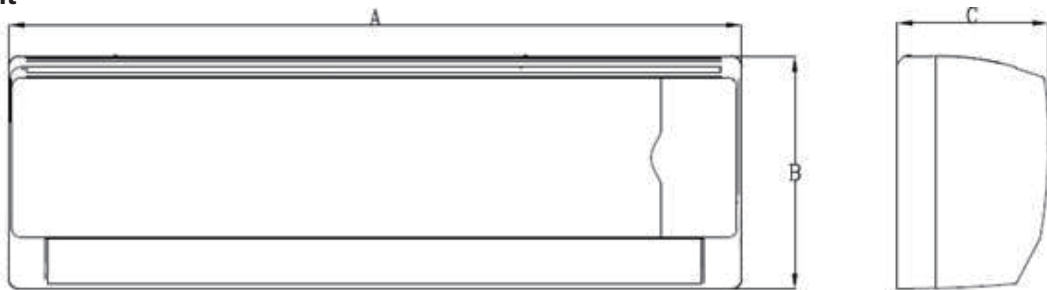
Indoor Unit

Concealed Unit

| | A | B | C | Inlet pipe Ø | Outlet pipe Ø | Weight (kg) |
|----------|------|------|------|--------------|---------------|-------------|
| MCD509MM | 693 | 720 | 883 | 1/4" | 3/8" | 19 |
| MCD512MM | 793 | 820 | 983 | 1/4" | 1/2" | 20 |
| MCD518MM | 963 | 990 | 1153 | 3/8" | 5/8" | 23 |
| MCD524MM | 1243 | 1270 | 1433 | 3/8" | 5/8" | 30 |



High-Wall Unit

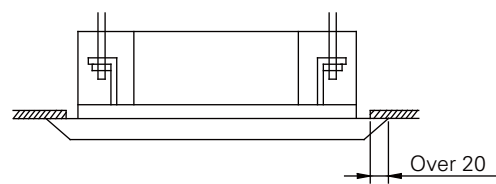
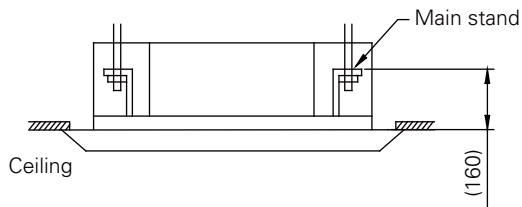
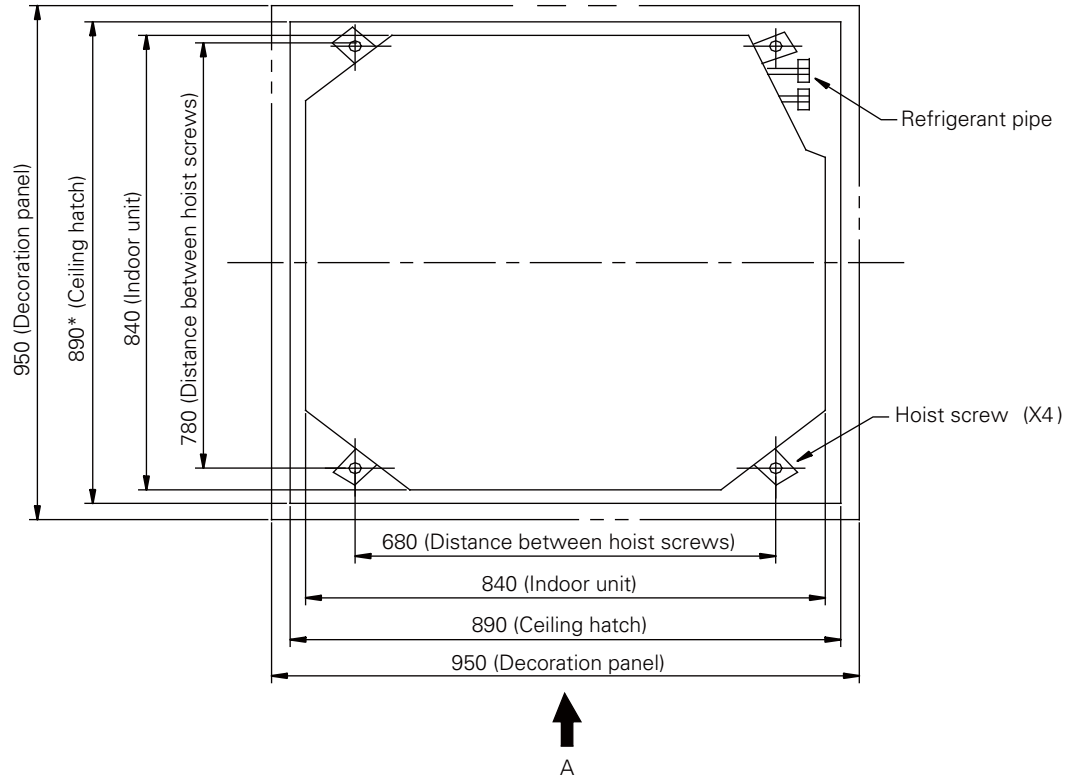


| | MCW509 | MCW512 | MCW518 |
|---|--------|--------|--------|
| A | 843 | 940 | 940 |
| B | 275 | 298 | 298 |
| C | 180 | 200 | 200 |

Unit Dimensions

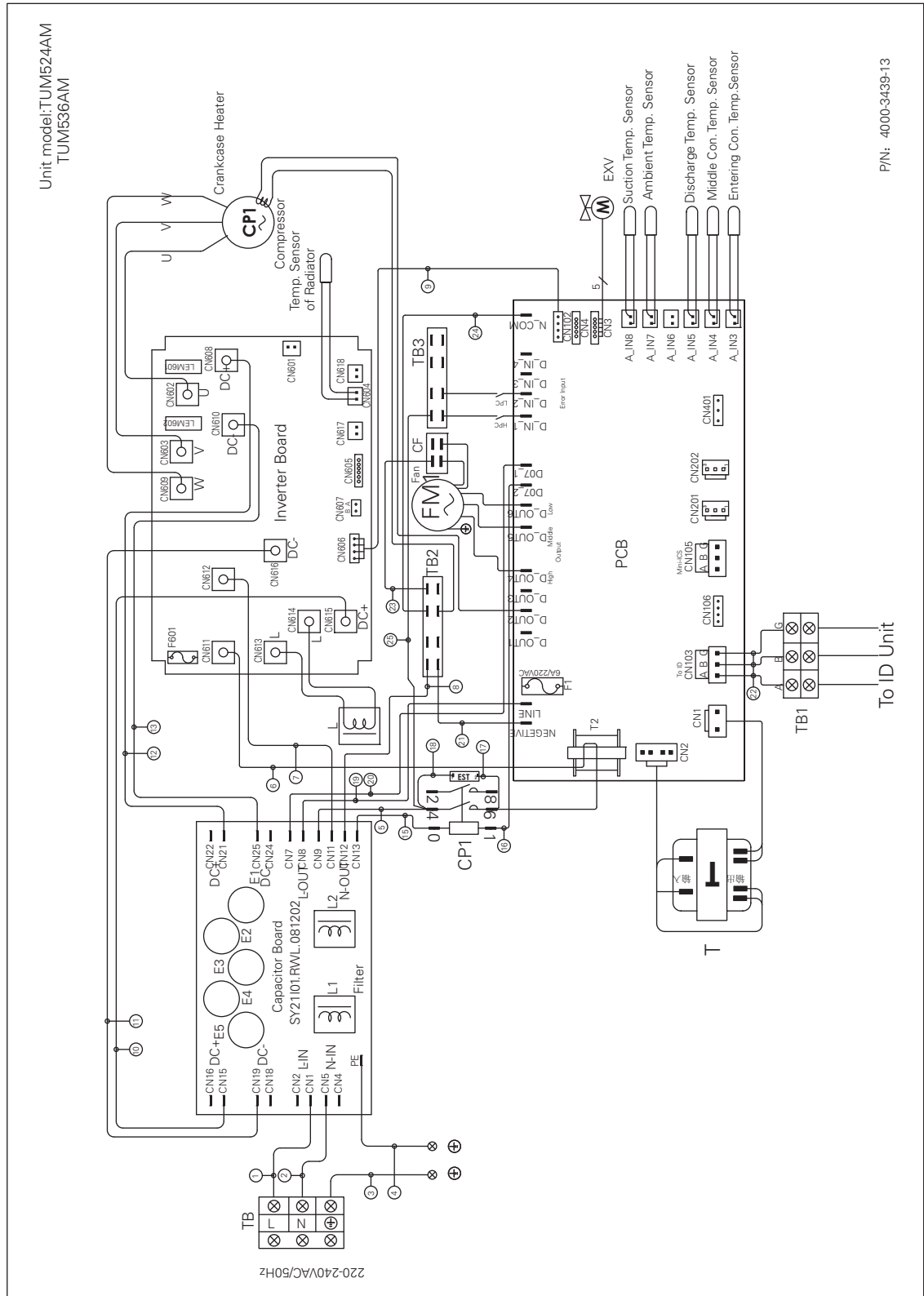
Indoor Unit

Cassette Unit



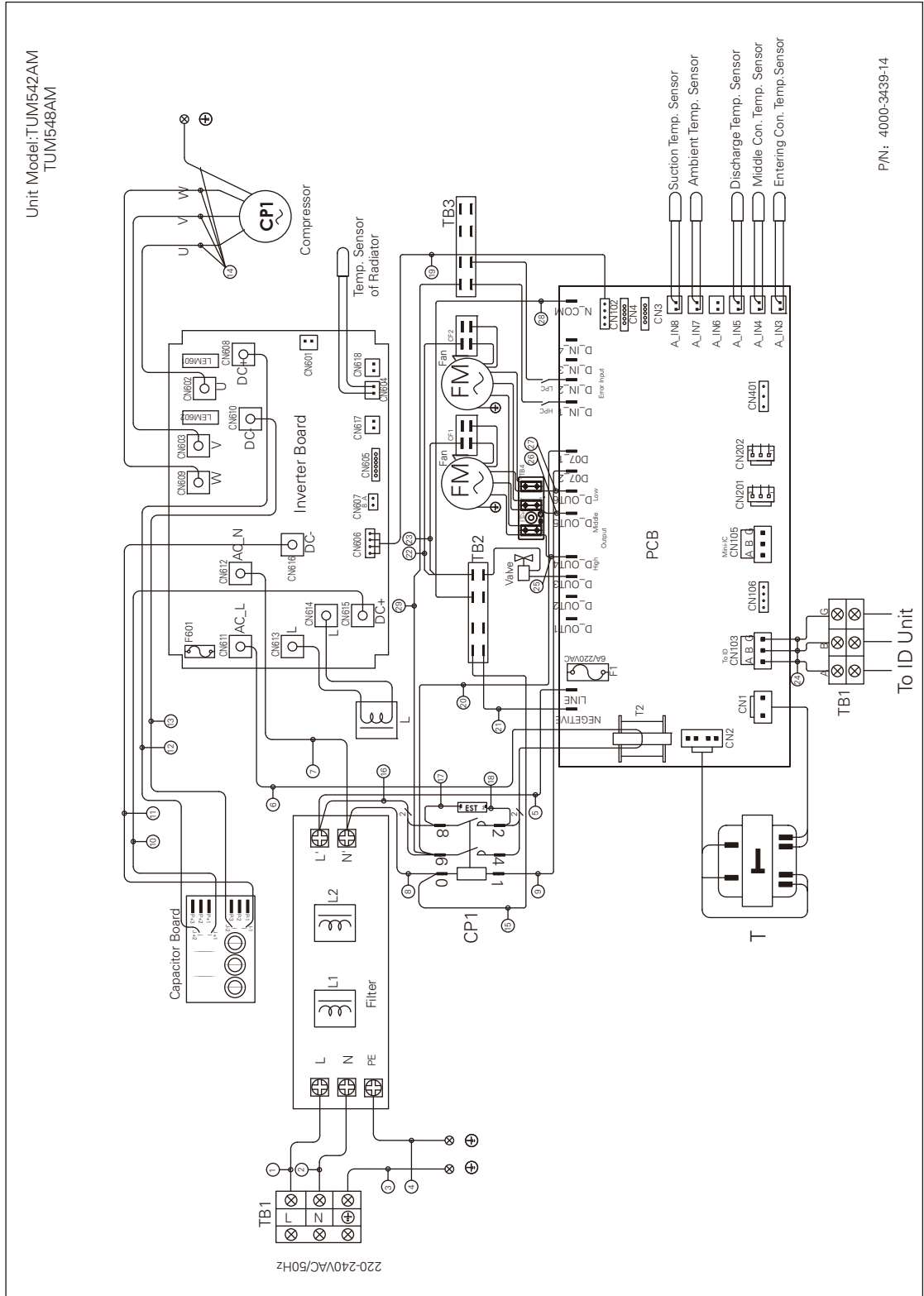
Wiring Diagram

TUM524/536AMAA

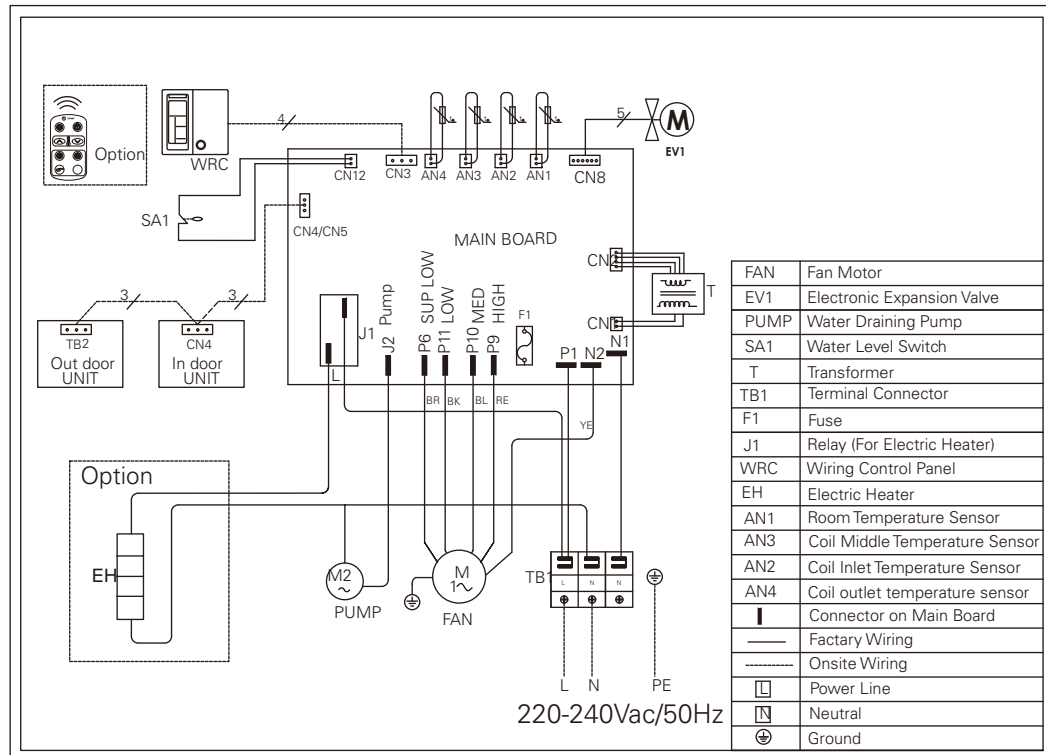


Wiring Diagram

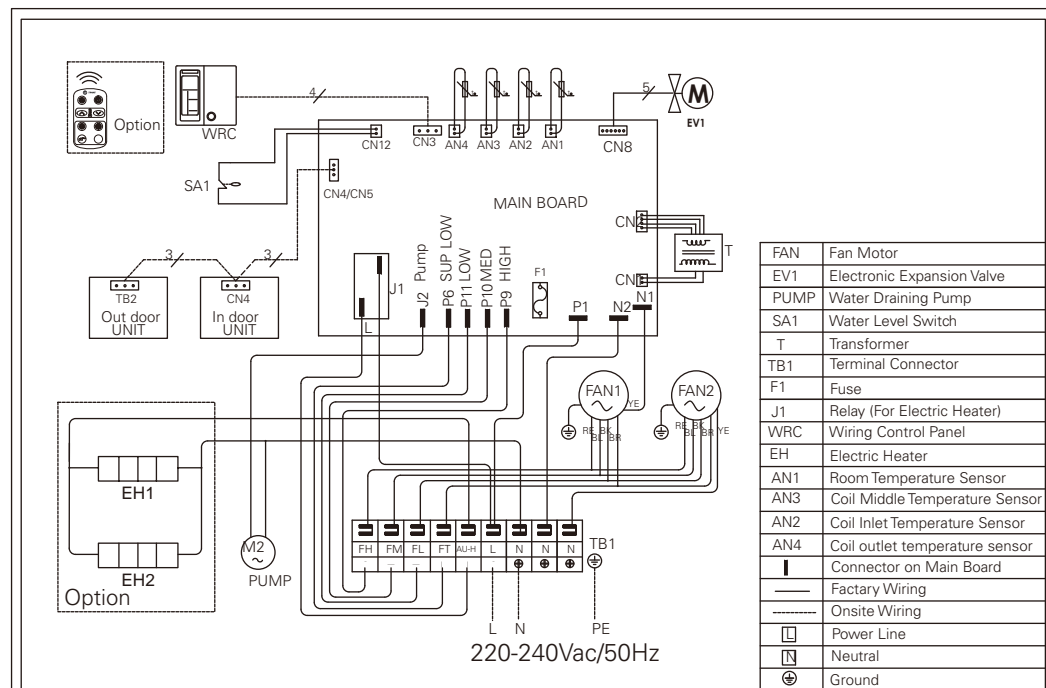
TUM542/548



MCD509/512/518, with condensate water lift pump

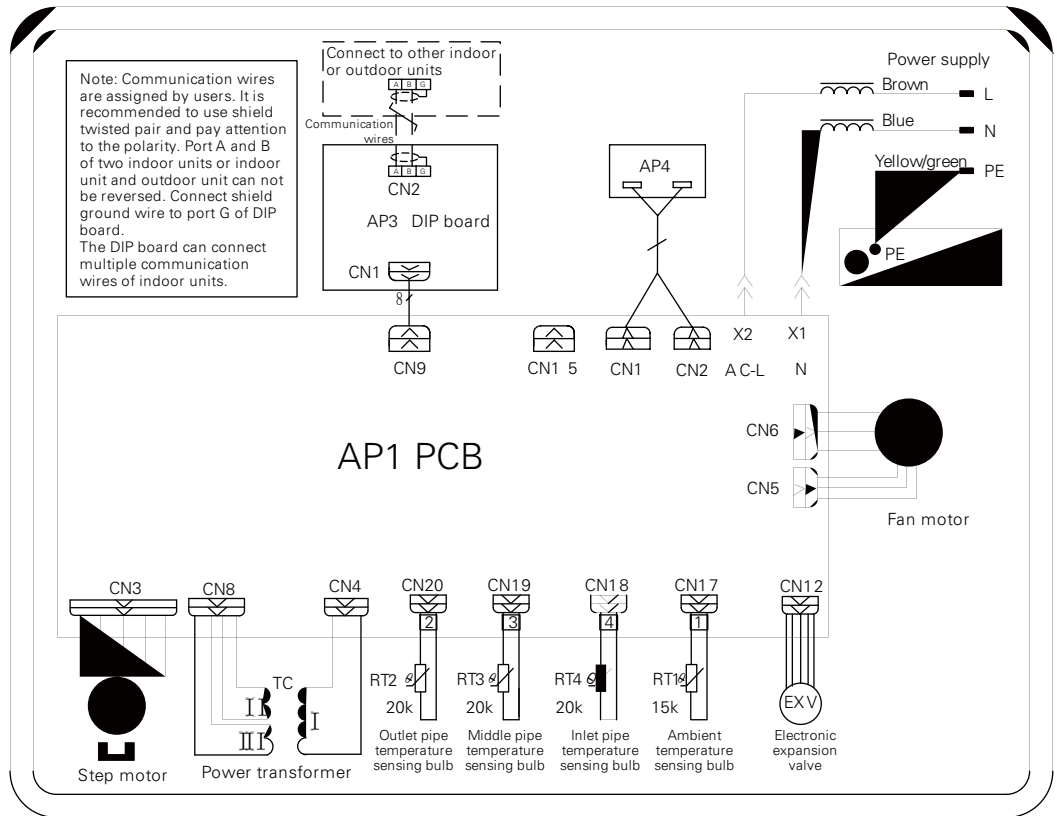


MCD524, with condensate water lift pump

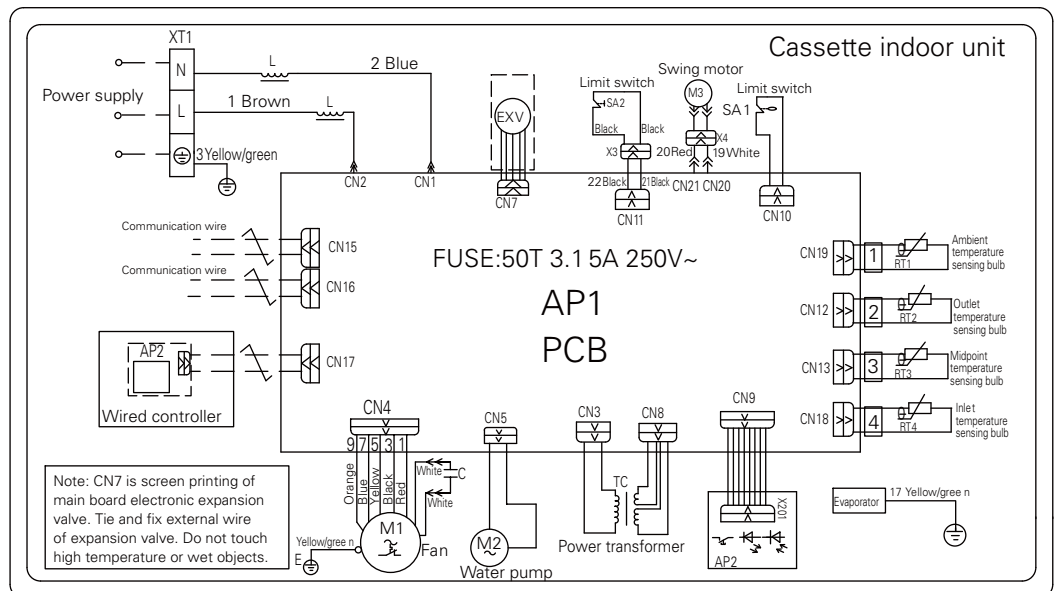


Wiring Diagram

MCW509/512/518



MCC518/524



Mechanical Specifications

General

The units shall be horizontal airflow as shipped. All units shall be factory assembled, piped, internally wired and fully charged with refrigerant. All units shall be factory run tested to check cooling and heating operation, fan and blower rotation.

Outdoor Unit Casing

All components shall be mounted in a weather-resistant steel cabinet with an enamel finish. Access panels shall be provided for unit controls and outdoor coil and fans. Compressor shall be mounted with jacket.

Indoor Unit Casing

All components shall be provided in galvanized steel except Hi-wall and Cassette. Exterior surfaces shall be cleaned. Access panels shall be provided for unit controls and indoor coil and fans. Drain connection shall be provided. Drain water pump shall be provided in Cassette. Louver shall be provided in Hi-wall and Cassette.

Compressor

The compressor shall be hermetically sealed DC inverter compressor.

Refrigeration System

All units shall have EXV Service pressure tap ports, and a refrigerant line filter and oil separator shall be standard.

Outdoor Coil

The units comes with air-cooled fin-tube U shape condenser. Copper tube are of the 3/8" diameter, seamless type. Fins are aluminum with efficient 3B Wavy fin. Copper tubes are expanded mechanically to bond with the fins for effective heat transfer.

Indoor Coil

Coil shall be internally finned 7mm copper tubes mechanically bonded to configured aluminum plate fin as standard.

Indoor Air Fan

Direct-drive, forward curved, centrifugal wheel in a blower housing. Motor shall have thermal overload protection and permanently lubricated motor bearings.

Condenser Fan

Direct-drive, 3-speed, draw thru propeller type. Weather-proofed permanent split capacitor fan motor shall have built-in thermal overload and permanently lubricated motor bearings.

System Controls

The controller contains all the basic electrical protection devices including overload protectors, high/low pressure switch.



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