

Installation Manual

Split System (R-410A)

Inverter Units, 16 SEER 9,000 to 24,000 BTU/Hr



R-410A, 50Hz

Indoor Unit

Outdoor Unit

Indoor Unit

Outdoor Unit

R-410A, 60Hz

4MXW6

4TXK6

Heat Pump

4MXW6

4TXK6



Warnings and Cautions

Warnings and Cautions. Notice that warnings and cautions appear at appropriate intervals throughout this manual. Warnings are provided to alert installing contractors to potential hazards that could result in personal injury or death, while cautions are designed to alert personnel to conditions that could result in equipment damage.

Your personal safety and the proper operation of this machine depend upon the strict observance of these precautions.

Attention: Warnings and Cautions appear at appropriate sections throughout this literature. Read these carefully.

WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE: Indicates a situation that could result in equipment or property-damage only accidents.

Trane has always recommended installing Trane approved matched indoor and outdoor systems.

The benefits of installing approved matched systems are maximum efficiency, optimum performance and best overall system reliability.

∆WARNING

This equipment is to be serviced by professionally trained personnel ONLY. Under NO circumstances should an unqualified person service it. This equipment contains refrigerant under PRESSURE and operates at HIGH VOLTAGE. Improperly installed, adjusted or altered equipment by an unqualified person poses safety hazards including FIRE, ELECTROCUTION, or EXPLOSION, which could result in death or serious injury.

AWARNING

Electrocution and Fire Hazards with Improperly Installed and Grounded Field Wiring!

Improperly installed and grounded field wiring poses FIRE & ELECTROCUTION hazards. To avoid these hazards, you MUST follow requirements for field wiring installation and grounding as described in the National Electrical Codes (NEC) and your local/state electrical codes. All field wiring MUST be performed by qualified personnel.

Failure to follow these requirements could result in death or serious injury.



Preface

AWARNING

R410A Refrigerant under Higher Pressure than R22!

The units described in this manual use R410A refrigerant which operates at 50 to 70% higher pressures than R-22. Use only R-410A approved service equipment. Refrigerant cylinders are painted with "pink" color to indicate the type of refrigerant and may contain a "dip" tube to allow for charging of liquid refrigerant into the system. For specific handling concerns with R-410A, please contact your local Trane representative.

Failure to use R-410A approved service equipment could result in standard equipment exploding under R-410A higher pressure which could result in death or serious injury.

NOTICE

Use PVE Oil with R-410A Mini-Split Units!

All R-410A mini-splits use a PVE oil (Polyvinyl Ether Oil) that readily absorbs moisture from the atmosphere. To limit this "hygroscopic" action, the system should remain sealed whenever possible. If a system has been open to the atmosphere for more than 4 hours, the compressor oil must be replaced. Never break a vacuum with air and always change the driers when opening the system for component replacement. For specific handling concerns with PVE oil, contact your local Trane representative.

USE ONLY THE FACTORY RECOMMENDED - DAFNE HERMETIC OIL FV50S - for servicing these units.

Important!

Environmental Concerns

Scientific research has shown that certain man-made chemicals can affect the earth's naturally occurring stratospheric ozone layer when released to the atmosphere. In particular, several of the identified chemicals that may affect the ozone layer are refrigerants that contain Chlorine, Fluorine and Carbon (CFCs) and those containing Hydrogen, Chlorine, Fluorine and Carbon (HCFCs). Not all refrigerants containing these compounds have the same potential impact to the environment. Trane advocates the responsible handling of all refrigerants—including industry replacements for CFCs such as HCFCs and HFCs.

Responsible Refrigerant Practices

Trane believes that responsible refrigerant practices are important to the environment, our customers, and the air conditioning industry. All technicians who handle refrigerants must be certified. The Federal Clean Air Act (Section 608) sets forth the requirements for handling, reclaiming, recovering and recycling of certain refrigerants and the equipment that is used in these service procedures. In addition, some states or municipalities may have additional requirements that must also be adhered to for responsible management of refrigerants. Know the applicable laws and follow them.



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General Information

This installation Manual is given as a guide to good practices in the installation and operation of a wall mounted split system models 4MXW6 and 4TXK6. However it does not contain all the service procedures for this unit, as these procedures must be performed by a qualified service technician, through the maintenance contract with a reputable service company.

Read these operation Instructions completely before installing the unit.

Warranty

Warranty is based on the general terms and conditions by country. The warranty is void if the equipment is modified or repaired without the written approval of The Trane Company, if the operating limits are exceeded or if the control system or the electrical wiring is modified.

Damage due to inappropriate installation, lack of knowledge or failure to comply with the manufacturer's instructions, is not covered by the warranty obligation.

If the installation does not conform to the rules described in Installation Manual, it may entail cancellation of warranty and liabilities by The Trane Company.

Reception

On arrival, inspect the unit before signing the delivery note. Specify any damage of the unit on the delivery note, and send a registered letter of protest to the last carrier of the goods within 72 hours of delivery. Notify the dealer at the same time.

The unit should be totally inspected within 7 days of delivery. If any concealed damage is discovered, send a registered letter of protest to the carrier within 7 days of delivery and notify the local dealer.

About the Unit

These units are assembled, pressure tested, dehydrated, charged and run tested before shipment. This manual contains informations related to 4MXW6 and 4TXK6 (50 and 60 Hz) units.

Refrigerant

The refrigerant provided by the manufacturer comply with all the requirements for our units. When using a recycled or reprocessed refrigerant, we recommend its qualities be as good as those of a new refrigerant. It is necessary to have the refrigerant tested by a qualified laboratory. Failure to do so could void the warranty.

Important

These instructions do not cover all variations in systems, nor do they provide for every possible contingency to be met in connection with installation. Should further information be desired or should particular problems arise which are not covered sufficiently in this manual, the matter should be referred to your authorized Trane dealer.



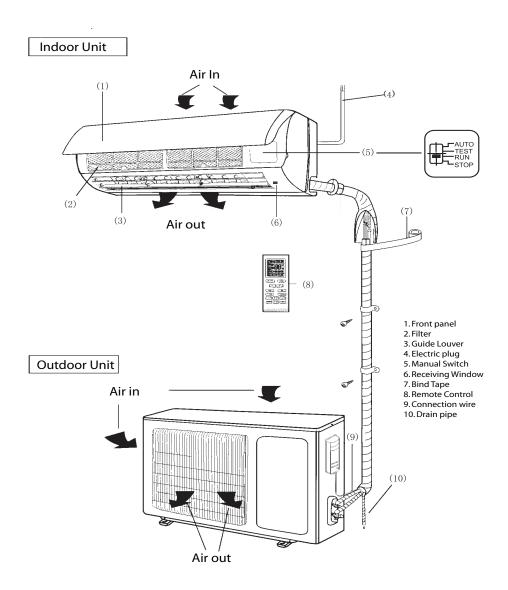
Accessories

Table 1. Parts list

No.	Part Name	Diagram	Qty	Specification	Memo
1	Mounting plate		1		
2	Wireless remote controller		1		
3	Remote controller holder		1		
4	Battery		2	AAA,1.5V	
5	Tapping screw	Ошь	10	ST4.2 X 25	For mounting plate
6	Drain hose	Anna Maria	1	L = 2m	
7	Thermal insulation	(1000000000000000000000000000000000000	1	φ 35 x 500	
8	Drain kit		1		Heat pump type only
9	Drain hole cover	0	3		Heat pump type only
10	Air cleaner		2		Packaged with indoor unit
11	Air filter		2		



Typical Installation





Installation location

Indoor Unit

≜WARNING

Adequate Support!

Wall structure must be adequate to support the weight of the unit. Failure to ensure adequate structural support could result in unit falling from its location which could result in death, serious injury, or equipement or property-only damage.

- 1. The air inlet and outlet should be far away from anything that could prevent the air from reaching all parts of the room.
- 2. Select a location where it is easy to drain the condensing water and connect to the outdoor unit;
- 3. Keep the indoor unit far away from heat sources, vapor and inflammable gas;
- 4. Be sure that the installation of the indoor unit conforms to the installation dimension diagram;
- 5. Be sure to leave enough space to allow access for routine maintenance; clearance between the indoor unit and the floor should be more than 200cm;
- 6. Install in a location where the unit is more than 1 meter away from other electric appliances such as television, audio devices etc.;
- 7. Select location where air filters can be easily removed

Outdoor unit

∆WARNING

Adequate Support!

Wall structure must be adequate to support the weight of the unit. Failure to ensure adequate structural support could result in unit falling from its location which could result in death, serious injury, or equipement or property-only damage.

- Select a location from which noise and air discharge by unit will not annoy neighbors.
- 2. Select a location where there is sufficient ventilation.
- 3. Make sure the air inlet and outlet are not blocked by any obstacles.
- 4. Select a location capable of supporting the weight and vibration of the outdoor unit, and where installation work can be carried out safely.
- 5. Select a location away from flammable gas or gas leaks.
- 6. Make sure that the installation of the outdoor unit conforms to the installation dimension diagram.

NOTICE

Installing the unit in one of the following locations could result in unit malfunction:

- Places where oil (machine oil) is used
- Seaside/places with high level of salt in the air.
- Places with high level of sulfur gas such as areas with hot springs.
- Places where high-frequency waves are generated by radio equipment, welders and medical equipment.
- Other unusual places where unit operation may be altered.



Installation

Indoor Unit Installation

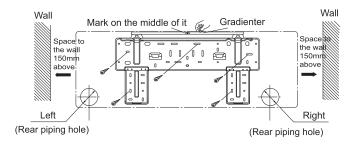
≜WARNING

Hazardous Service Procedures!

The maintenance and troubleshooting procedures recommended in this section of the manual could result in exposure to electrical, mechanical or other potential safety hazards. Always refer to the safety warnings provided throughout this manual concerning these procedures. When possible, disconnect all electrical power including remote disconnect and discharge all energy storing devices such as capacitors before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. When necessary to work with live electrical components, have a qualified licensed electrician or other individual who has been trained in handling live electrical components perform these tasks. Failure to follow all of the recommended safety warnings provided, could result in death or serious injury.

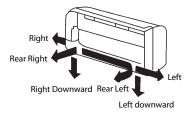
Mounting Location

- 1. Always mount the rear panel horizontally.
- 2. Fix the rear panel on the selected location
- 3. Be sure that the rear panel has been fixed firmly enough to withstand the weight of an adult of 60kg, furthermore, the weight should be evenly shared by each screw.



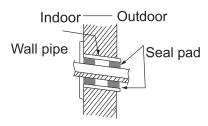
Drilling a hole in the wall to install the piping

The piping can be connected in six different locations on the unit, as shown on figure below:



- 1. Drill a 65mm diameter hole in the wall at a slight downward angle toward the outdoor side in such a way that the end of the pipe outside is 5 mm lower than the inside.
- 2. Insert a sleeve into the hole to prevent the connection piping and wiring from being damaged when passing through the hole.





NOTICE

When a wall sleeve is not used, it is then necessary to drill a straight hole in the wall. If the hole is not straight and uniform, this could result in water leaking from condensation, resulting in property damage.

NOTICE

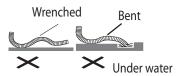
If a wall sleeve is not mounted in the wall, the wiring between the indoor unit and the outdoor unit can possibly be damaged resulting in electrical current loss in the ground wiring.

Installing the water drain pipe

NOTICE

Do not wrench or bend the drain hose and make sure the ends of the drain pipe are not under water. Failure to do so could result in leakage.

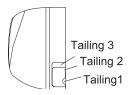
- 1. To ensure proper water drainage, the drain hose should be placed at a downward slant.
- 2. The water drain pipe must be insulated throughout the house.



Installing the unit

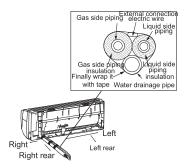
Note: The piping can be lead out from right, right rear, left, left rear.

- 1. When routing the piping and wiring from the left or right side of indoor unit, cut off the tailings from the chassis in necessary.
 - (1). Cut off the tailings 1 when routing the wiring only;
 - (2). Cut off the tailings 1 and tailings 2 when routing both the wiring and piping. (or 1,2,3)





2. Take out the piping from body case, wrap the piping electric wire, water pipe with tape and put them through the piping hole.

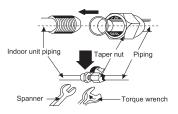


3. Hang the mounting slots of the indoor unit on the upper tabs of the rear panel and check if it is firm enough.



Installing the connection pipe

1. Align the center of the piping flare with the relevant valve.



2. Screw in the flare nut by hand and then tighten the nut with spanner and torque wrench refer to the following.

Table 2. Tightening Torque Table

Hex nut Diameter	Tightening torque (N-m)
6mm - 1/4"	15-20
9.5mm - 3/8"	31-35
12mm - 1/2"	50-55
16mm - 5/8"	60-65

Note: First, connect the connection pipe to indoor unit, then to outdoor unit; pay attention to the piping bending, do not damage the connection pipe; the joint nut couldn't tighten too much, otherwise it may cause leakage.



Connect indoor and outdoor electric wires

≜WARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

- 1. Open the front panel upwardly.
- 2. Screw off the fixing screw of cover plate and screw off cover plate.
- 3. Put the power connection cable through the back of indoor unit wire hole and take it out.
- 4. All the wiring should be connected according to the circuit diagram on the unit.
- 5. Put the power connection cable the section, which with sheath into wire groove, and cover the cover plate, screw on the fixing screw, tighten the connection wire.
- 6. Cover the front panel cover.
- 7. For the cooling and heating unit, signal control wire can be passed through the connection of connector and indoor unit, and use the wire clip that is under the body case, tighten the signal control wire.

Installing Outdoor Unit

Wiring

AWARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

- 1. Disassemble handle of right side plate or front side plate of outdoor unit.
- Take off wire clamp, connect and fix power connect cord to terminal of line bank. Wiring should fit that of indoor unit.
- 3. Fix the power connection cable with wire clamp, for cooling and heating unit, then use the wire clamp to fix the signal control wire, then connect the corresponding connector.
- 4. Ensure if wire has been fixed well.
- 5. Install handle or front side plate.

Note: Wrong wiring may cause spare parts malfunction.

Note: After the cable fixed, make sure there should be a free space between the connection and fixing place on the lead wire.



Vacuum Pump and Lick Inspection

AWARNING

Hazard of Explosion!

Never use an open flame to detect gas leaks. Explosive conditions may occur. Use a leak test solution or other approved methods for leak testing. Failure to follow recommended safe leak test procedures could result in death or serious injury or equipment or property-only-damage.

∆WARNING

Hazard of Explosion!

Use only dry nitrogen with a pressure regulator for pressurizing unit. Do not use acetylene, oxygen or compressed air or mixtures containing them for pressure testing. Do not use mixtures of a hydrogen containing refrigerant and air above atmospheric pressure for pressure testing as they may become flammable and could result in an explosion. Refrigerant, when used as a trace gas should only be mixed with dry nitrogen for pressurizing units. Failure to follow these recommendations could result in death or serious injury or equipment or property-only damage.

After the installation of refrigerant lines to both the outdoor and indoor units are completed, the flare connections must be checked for leaks. Pressurize through the service valve ports, the indoor unit and field refrigerant lines with dry nitrogen to 350-400 psi. Use soap bubbles or other leak-checking methods to see that all flares are leak-free! If not, release pressure; then repair!

SYSTEM EVACUATION

Note: Since the oudoor unit has a refrigerant charge, the gas and liquid line valves must remain closed.

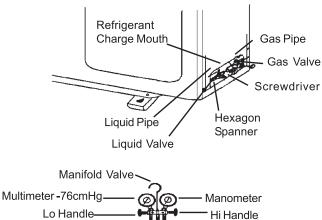
- 1. Upon completion of leak check, evacuate the refrigerant lines and indoor coil before opening the gas and liquid line valves.
- 2. Attach appropriate hoses from manifold gauge to gas and liquid line pressure taps.
- 3. Attach center hose of manifold gauges to vacuum pump.
- 4. Evacuate until the micron gauge reads no higher than 350 microns.
- 5. Close off valve to vacuum pump and observe the micron gauge. If gauge pressure rises above 500 microns in one (1) minute, then evacuation is incomplete or system has a leak.
- If vacuum gauge does not rise above 500 microns in one (1) minute, the evacuation should be complete.
- 7. Blank off vacuum pump and micron gauge, close valves on manifold gauge set.

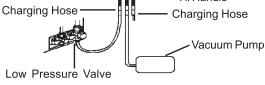
Note: DO NOT VENT REFRIGERANT INTO THE ATMOSPHERE.

8. The liquid line shut-off valve can now be opened. Remove shut-off-valve cap. Fully insert hex wrench into the stem and backout counterclockwise open.



Figure 1. Vacuum Pump and Leak inspection





Gauges must be R410A rated

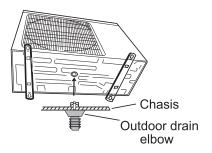
- The gas valve can now be opened. Open the gas valve by removing the shut-off valve cap and turning the valve stem 1/4 turn counterclockwise using 1/4" Open End or Adjustable wrench.
- 10. The gas valve is now open for refrigerant flow. If refrigerant lines are longer than fifteen feet (8 m), it will be necessary to adjust system refrigerant charge upon completion of installation.

Outdoor condensation drainage (Heat pump type only)

When the unit is heating, the condensing water and defrosting water can be drained out reliably through the drain hose.

Installation:

Install the outdoor drain elbow in a 25mm hole on the base plate, and joint the drain hose to the elbow, so that the wastewater formed in the outdoor unit can be drained out to a proper place.





Check after Installation and Test Operation

Items to check	Possible problems they generate
Has the unit been attached firmly?	The unit may drop, shake or emit noise.
Have you done the refrigerant leakage test?	It may cause insufficient cooling(heating) capacity.
Is heat insulation sufficient?	It may cause condensation and dripping.
Is water drainage well?	It may cause condensation and dripping.
Is the voltage in accordance with the rated voltage marked on the nameplate?	It may cause electric malfunction or damage the unit.
Is the electric wiring and piping connection installed correctly and securely?	It may cause electric malfunction or damage the unit.
Has the unit been connected to a secure earth connection?	It may cause electrical leakage.
Is the power cord specified?	It may cause electric malfunction or damage the unit
Is the inlet and outlet been covered?	It may cause insufficient cooling(heating) capacity.
Has the length of connection pipes and refrigerant capacity been recorded?	The refrigerant capacity is not accurate.

Before test operation

- 1. Do not switch on power before installation is finished completely.
- 2. Electric wiring must be connected correctly and securely.
- 3. Shut-off valves of the connection pipes should be opened.
- 4. All the impurities such as scraps and thrums must be cleared from the unit.

Test operation method

- 1. Switch on power, press "ON/OFF" button on the wireless remote control to start the operation.
- 2. Press MODE button, to select the COOL, HEAT, FAN to check whether the operation is normal or not.



Wiring Diagrams

AWARNING

Hazardous Voltage!

Disconnect all electric power, including remote disconnects before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

AWARNING

Electrocution and Fire Hazards with Improperly Installed and Grounded Field Wiring!

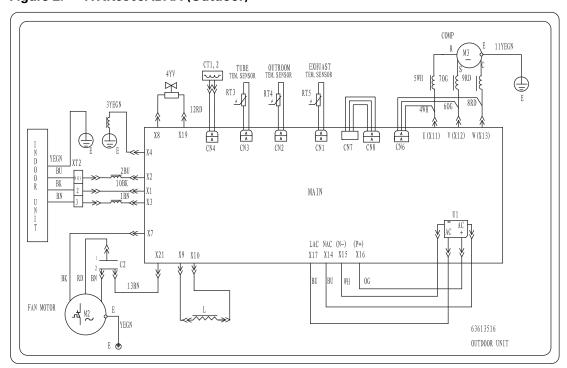
Improperly installed and grounded field wiring poses FIRE & ELECTROCUTION hazards. To avoid these hazards, you MUST follow requirements for field wiring installation and grounding as described in the National Electrical Codes (NEC) and your local/state electrical codes. All field wiring MUST be performed by qualified personnel.

Failure to follow these requirements could result in death or serious injury.

Heat Pump

High Efficiency 50 Hz models

Figure 2. 4TXK6509ABAA (Outdoor)





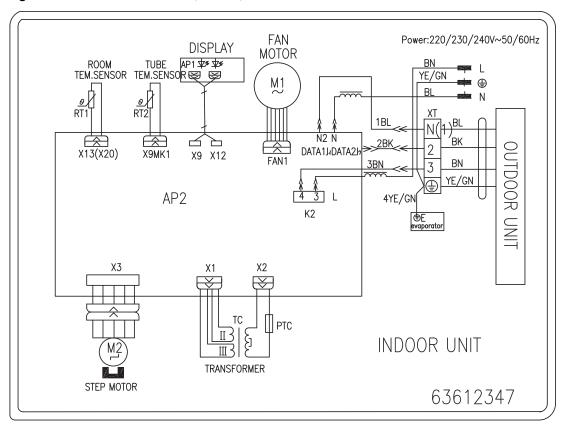


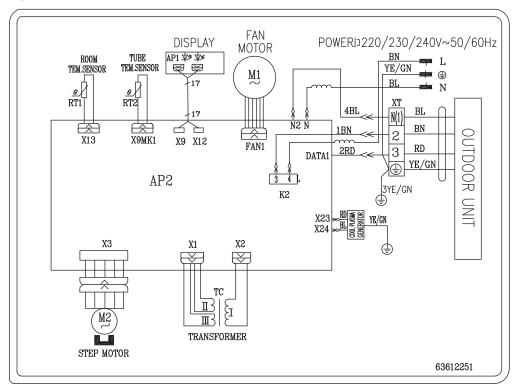
Figure 3. 4MXW6509ABAA (Indoor)



11YEGN M3 TEM. SENSOR EXHUAST TEM, SENSOR OUTROOM Tem, sensor 5WH 9RD 70G 3YEGN 12RD X19 CN4 $\frac{\lambda}{\lambda}$ U(X11) V(X12) W(X13) YEGN BU MAIN 10RD LAC NAC (N-) (P+) X17 X14 X15 X16 X21 X9 X10 BK FAN MOTOR YEGN 63613355 E 🖶 OUTDOOR UNIT

Figure 4. 4TXK6512ABAA (Outdoor)

Figure 5. 4MXW6512ABAA (Indoor)

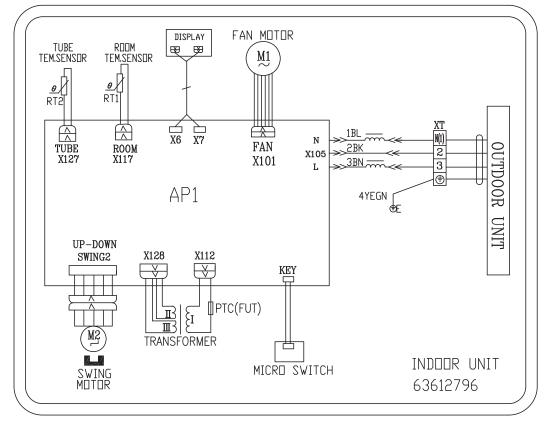




WARNING WHEN THE UNIT IS RUNNING OR STOPED IN 2 MINUTES OR THE VOLTAGE LESS THAN 30V BETWEEN P AND N OF IPM, PLEASE DON'T TOUCH ∦BU YE⋩ ANY TERMINAL, AVOIDING ELECTRICAL SHOCK HAZARD. 11BN LAC AC-L1 AC-L1 AC-N1 AC-N3 AC-L3 12BU X14 21YEGN 24BU NAC AP2 AC-N1 N(1) N 5BK BK X18(COM-A) 2 XH-3 io FU1 26BN ×■≫--< BN PR 25BN 3 l o l R YEGN 4BU 13BK[₩] L ¥14RD W30 2BU N ≫22YEGN W29 X4 ⊕ ≫ Ň II LI_ E 🖨 X101 X5 EH1 COMP HEATER 23YEGN 28WH AP3 BN X12 ХЗ W32 W34 W31 N HBU 27RD XS HEAT1(X8) X2 HEAT2(X11) X25 4V YEGN POWER: AP1 15YE | 16BU 17WH TUBE ROOM EXHAUST X28 FAN-H FAN-L X25 ELECTRICAL BOX C(T) M2 18WH COMP A↓ ∐ RT4 19WH 20YEGN RT5 ₹B OUTTUBE TEM, SENSOR TEM, SENSOR TEM, SENSOR В AP2 OUTDOOR UNIT WH:WHITE BN:BROWN FILTER AP1 BU:BLUE YE:YELLOW 63613924 AP3 C1 FU1 BK:BLACK RD:RED YEGN:YELLOW GREEN

Figure 6. 4TXK6518ABAA (Outdoor)

Figure 7. 4MXW6518ABAA (Indoor)

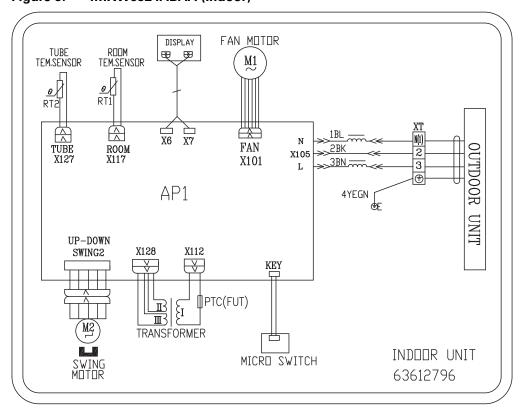




WARNING 31BN WHEN THE UNIT IS RUNNING OR STOPED IN 2 320G MINUTES OR THE VOLTAGE LESS THAN 30V BETWEEN P AND N OF IPM, PLEASE DON'T TOUCH RELAY 33RD 26YEGN ANY TERMINAL, AVOIDING ELECTRICAL SHOCK HAZARD. KM √5 9VT AC-L CONTACTOR AC-L2 N(1) YE ∕k 10BK 16BN 2 35BN AC-L1 EARTH AC-L1 AC-N1 AC-N3 AC-L3 N D O O R 17BU Х7 • NAC AC-N1 AP3 5RD ≪AC-L X105 X107 ≪ COM-A 30YEGN 7BN AC-L AC-N сиз ac-n AP1 L 6BU PR W41 N I T 18BK 4BU XT1 w38[34BU EHS W42 EHI COMP HEATER N CN10 BASE HEATER E ⊕ AP4 CNI W36 W37 W39 CN2 W43 ل⊸ ط X2 AC-L1 4V HEAT-LINE) AC-L2 HEAT-STRAP CN1 > > POWER: 22RD 20YE 21BU AP2 DUTTUBE DUTDOOR EXHAUST ELECTRICAL BOX CN4 COMP 14BK 12BN 12BN 11WH M2 C(T) 23WH В X1 € 24WH 25YEGN | RT5 | | RT4 | ÏRT3 A EXHAUST MI WI OUTROOM В **⊕** E TEM. SENSOR OUTDOOR UNIT RELAY AP3 FAN MOTOR AP2 C1 XT2 XT1 FILTER 63613923 (1) AP4 BN:BROWN BU:BLUE WH:WHITE YE:YELLOW OG:ORANGE VT:VIOLET BK:BLACK YEGN:YELLOW GREEN

Figure 8. 4TXK6524ABAA (Outdoor)

Figure 9. 4MXW6524ABAA (Indoor)





High Efficiency 60 Hz models

Figure 10. 4TXK6509A9AA (Outdoor)

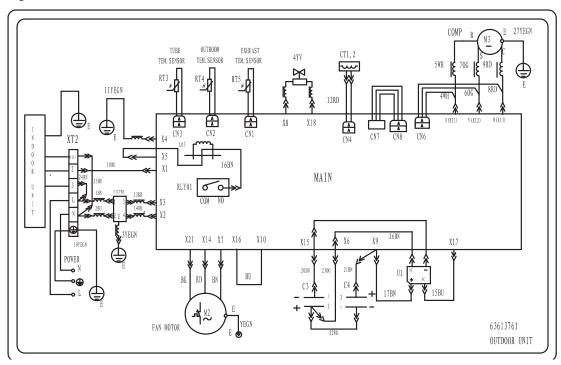
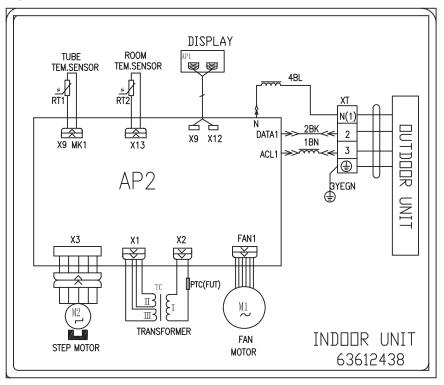


Figure 11. 4MXW6509A9AA (Indoor)

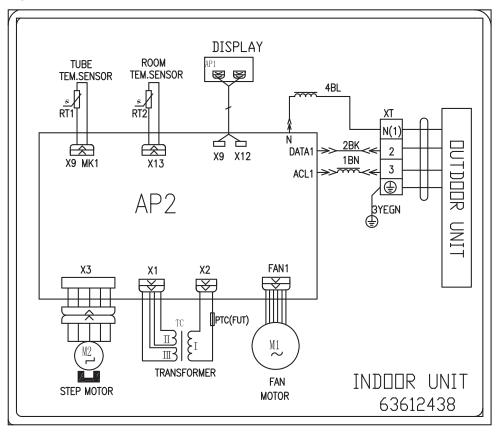




EXHUAST CT1, 2 TEM. SENSOR TEM. SENSOR TEM. SENSOR 11YEGN 12RD CN2 MAIN RLY01 O O X21 X14 X7 X16 X10 Х6 X17 X15 POWER 63613761 FAN MOTOR OUTDOOR UNIT

Figure 12. 4TXK6512A9AA (Outdoor)

Figure 13. 4MXW6512A9AA (Indoor)

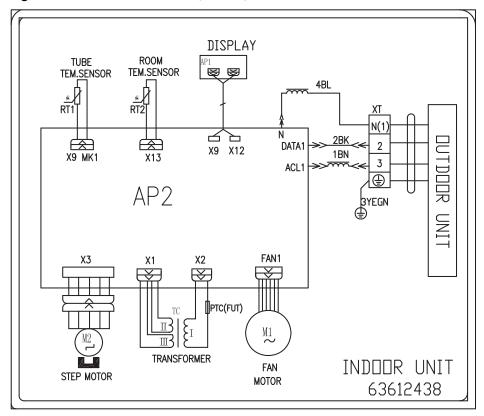




COMP CT1,2 OUTROOM TEM. SENSOR EXHUAST TEM. SENSOR TUBE TEM. SENSOR M 12RD CN4 9RD 70R 10BK MAIN U(X11) V(X12)W(X13) 2BL LAC NAC (N-) (P+) X17 X14 X15 X16 X21 X9 X10 X7 POWER BK DUTDOOR UNIT YE/GN FAN MOTOR 63613492

Figure 14. 4TXK6512A1AA (Outdoor)

Figure 15. 4MXW6512A1AA (Indoor)

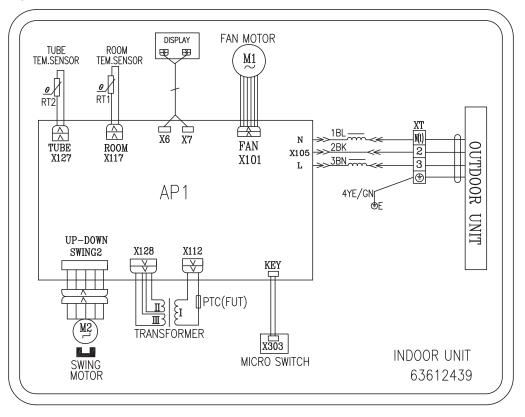




WARNING WHEN THE UNIT IS RUNNING OR STOPED IN 2 MINUTES OR THE VOLTAGE LESS THAN 50V BETWEEN P AND N OF IPM, PLEASE DON'T TOUCH ANY TERMINAL, AVOIDING ELECTRICAL SHOCK HAZARD. 11BN AC-L1 LAC AC-L1 AC-N1 AC-N3 AC-L3 X14 12BU 21YEGN NAC AC-N1 AP2 ΙN į D 2 X18(COM-A)100 R PR FU1 25BN 3 AC-L ¥14RD 4BU L1 1BN 26BN 13BK **W**2 ļ_U L2 WЗ ≟->>22YEGN 2BU X4 G →> N E 🕀 X101 ∭ X5 Ιï 23YEGN \Box AP3 хз X12 U W1 OVERLOAD X25 4V POWER: TUBE ROOM AP1 EXHAUST 15YE 16BU 17WH X28 X25 C(T) ELECTRICAL BOX M2 COMP. BK 18WH ¦ ∤ втз RT4 19WH RT5 20YEGN ∠ B YEGN FAN MOTOR OUTTUBE TEM. SENSOR TEM. SENSOR TEM. SENSOR В OUTDOOR UNIT WH:WHITE BN:BROWN AP2 FU1 BU:BLUE YE:YELLOW AP1 63613840 AP3 XT1 BK:BLACK RD:RED YEGN:YELLOW GREEN

Figure 16. 4TXK6518A1AA (Outdoor)

Figure 17. 4MXW6518A1AA (Indoor)

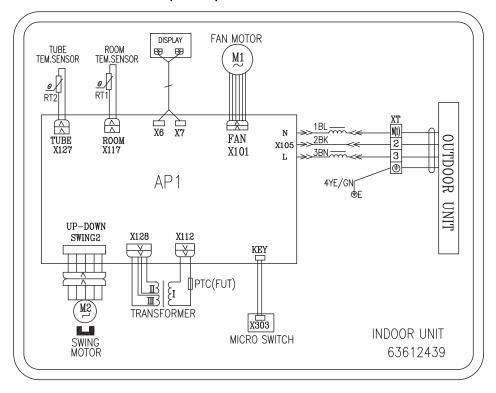




WARNING 31BN WHEN THE UNIT IS RUNNING OR STOPED IN 2 MINUTES OR THE VOLTAGE LESS THAN 30V 320G RELAY BETWEEN P AND N OF IPM, PLEASE DON'T TOUCH 33RD 26YEGN ANY TERMINAL, AVOIDING ELECTRICAL SHOCK HAZARD. KM 9VT AC-L CONTACTOR AC-L2 N(1) 10BK YE ∱ 16BN 2 AC-L1 EARTH AC-L1 AC-N1 AC-N3 AC-L3 N D O O R 17BU 1BN X7 **a** NAC AP3 5RD ≪AC-L X105 X107 COM-A 7BN AC-L 30YEGN ≪AC-N AP1 L 6BU _8BU W41 U N X103 AC-N 18BK 19RD 28YEGN XT1 E
27YEGN w38) L1 W42 L2 ⊕ EH2 CN10 COMP HEATER 29YEGN E ⊕ AP4 W37 W36 Ц° W39 CN2 L2 --W43 لہ ہ AC-L2 HEAT-STRAP X2 (HEAT-LINE) AC-L1 4V CN1 POWER: 22RD 20YE 21BU AP2 DUTTUBE DUTDOOR EXHAUST ELECTRICAL BOX CN4 AC-L1 FAN-H FAN-I COMP C(T) 23WH RT3 RT5 RT4 X1 € 25YEGN Α YEGN TEM SENSOR TEM. SENSOR OUTDOOR UNIT ⊕ E TEM. SENSOR RELAY AP3 FAN MOTOR AP2 C1 XT2 XT1 FILTER 63613925 (1) AP4 BN:BROWN WH:WHITE OG:ORANGE BU:BLUE BK:BLACK YE:YELLOW VT:VIOLET YEGN:YELLOW GREEN RD:RED

Figure 18. 4TXK6524A1AA (Outdoor)

Figure 19. 4MXW6524A1AA (Indoor)





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For more information, contact your local Trane office or e-mail us at comfort@trane.com

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Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this manual.