



Installation Manual

TTD/TTT

Multi-Split System
Condensing Unit
18,000-36,000 Btuh
Models 50/60 Hz



50 Hz Models Cooling Only

TTD 518 AB0E	TTT 521 AB0E
TTD 521 AB0E	TTT 527 AB0E
TTD 524 AB00	TTT 530 AB0E
TTD 524 AB0E	TTT 533 AB0E
TTD 527 AB0E	TTT 536 AB00
TTD 530 AB00	TTT 536 AB0E
TTD 530 AB0E	TTT 536 DB0E
TTD 536 AB00	
TTD 536 AB0E	
TTD 536 DB00	
TTD 536 DB0E	

60 Hz Models Cooling Only

TTD 518 A10E	TTT 527 A10E
TTD 521 A10E	TTT 530 A10E
TTD 524 A100	TTT 533 A10E
TTD 524 A10E	TTT 536 A100
TTD 527 A10E	TTT 536 A10E
TTD 530 A100	TTT 536 D10E
TTD 530 A10E	
TTD 536 A100	
TTD 536 A10E	
TTD 536 D100	
TTD 536 D10E	



General Information

General Information

This Installation Manual is given as a guide to good practice in the installation by the installer of TTD/TTT mini-split system. Installation procedures should be performed in the sequence that they appear in this manual.

For installing the unit to operate properly and reliably, it must be installed in accordance with these instructions. Also, the services of a qualified service technician should be employed, through the maintenance contract with a reputable service company.

Read this Installation Manual completely before installing and operating the system.

About this Manual

Cautions appear at appropriate places in this Instruction Manual. Your personal safety and the proper operation of this machine require that you follow them carefully. The Trane Company assumes no liability for installations or servicing performed by unqualified personnel. All phases of the installation of this air conditioning system must conform to all national, provincial, state and local codes.

About the Unit

These TTD/TTT units are assembled, pressure tested, dehydrated, charged and run tested before shipment.

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 dealer.

Warning

Warnings are provided at appropriate places in this manual to indicate to installers, operators and service personnel of potentially hazardous situations which, if not avoided, COULD result in death or serious injury.

Caution

Cautions are provided at appropriate places in this manual to indicate to installers, operators, and service personnel of potentially hazardous situations which, if not avoided, MAY result in minor or moderate injury or malfunction of the unit.

Your personal safety and the proper operation of this unit require that you follow them carefully. The Trane Company assumes no liability for installations or servicing performed by unqualified personnel.

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.

Important

This document is customer property and is to remain with unit. Please place in service information pack upon completion of work. 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.

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Valid System Combinations

Table 1

Model Outdoor Unit	Model Indoor Unit	Nominal Capacity	50 Hz	60 Hz
TTD518AB0E / A10E	MCW509	9,000	Yes	Yes
	MCW509	9,000	Yes	Yes
TTD521AB0E / A10E	MCW509	9,000	Yes	Yes
	MCW512	12,000	Yes	Yes
TTD524AB00 / A100	MCX512	12,000	Yes	Yes
	MCX512	12,000	Yes	Yes
	MCD512	12,000	Yes	Yes
	MCD512	12,000	Yes	Yes
TTD524AB0E / A10E	MCW512	12,000	Yes	Yes
	MCW512	12,000	Yes	Yes
TTD527AB0E / A10E	MCW509	9,000	Yes	Yes
	MCW518	18,000	Yes	Yes
TTD530AB00 / A100	MCX512	12,000	Yes	Yes
	MCX518	18,000	Yes	Yes
	MCD512	12,000	Yes	Yes
	MCD518	18,000	Yes	Yes
TTD530AB0E / A10E	MCW512	12,000	Yes	Yes
	MCW518	18,000	Yes	Yes
TTD536AB00 / A100	MCX518	18,000	Yes	Yes
	MCX518	18,000	Yes	Yes
	MCD518	18,000	Yes	Yes
	MCD518	18,000	Yes	Yes
TTD536AB0E / A10E	MCW518	18,000	Yes	Yes
	MCW518	18,000	Yes	Yes
TTD536DB00 / D100	MCX512	12,000	Yes	Yes
	MCX524	24,000	Yes	Yes
	MCD512	12,000	Yes	Yes
	MCD524	24,000	Yes	Yes
TTD536DB0E / D10E	MCW512	12,000	Yes	Yes
	MCW524	24,000	Yes	Yes
TTT521AB0E	MCW507	7,000	Yes	No
	MCW507	7,000	Yes	No
	MCW507	7,000	Yes	No
TTT527AB0E / A10E	MCW509	9,000	Yes	Yes
	MCW509	9,000	Yes	Yes
	MCW509	9,000	Yes	Yes
TTT530AB0E / A10E	MCW509	9,000	Yes	Yes
	MCW509	9,000	Yes	Yes
	MCW512	12,000	Yes	Yes
TTT533AB0E / A10E	MCW509	9,000	Yes	Yes
	MCW512	12,000	Yes	Yes
	MCW512	12,000	Yes	Yes
TTT536AB00 / A100	MCX512	12,000	Yes	Yes
	MCX512	12,000	Yes	Yes
	MCX512	12,000	Yes	Yes
	MCD512	12,000	Yes	Yes
	MCD512	12,000	Yes	Yes
	MCD512	12,000	Yes	Yes
TTT536AB0E / A10E	MCW512	12,000	Yes	Yes
	MCW512	12,000	Yes	Yes
	MCW512	12,000	Yes	Yes
TTT536DB0E / D10E	MCW509	9,000	Yes	Yes
	MCW509	9,000	Yes	Yes
	MCW518	18,000	Yes	Yes

Installation Requirements

1. Copper Tubing

Copper tubing, fittings and insulation to interconnect the suction (S) (wide tube) and liquid (L) (narrow tube) refrigerant lines between the indoor and outdoor units can be purchased locally. It is necessary to purchase the following items:

- Purchase equal lengths of both tubes and insulation required. Cut the appropriate tube lengths, 30 to 40 cm (12 to 16 in.) longer on each one to deepen vibration between units. Wall thickness of copper tube should be 0.8 mm (0.0314 in.). Both tubes must be well insulated with proper insulation materials.
- The length of wiring will determine the wire size. See local codes, refer to section of electrical installation.

2. Additional Materials

- Saddles or clamps to hold refrigerant tubing.
- Insulated clamps or staples for connecting wire. See local codes.
- Refrigeration oil and tape (armored).
- Putty or similar filter.

Table 2

Indoor Unit		507-509	512	518
Item		O.D. mm (in.)	O.D. mm (in.)	O.D. mm (in.)
Deoxidized Annealed Copper Tube	(L *)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	(S *)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)
Foamed Polyethylene		Diameter: According to O.D. of copper tube	Diameter: According to O.D. of copper tube	Diameter: According to O.D. of copper tube
Insulation		Thickness: No less than 8 mm (0.3 in)	Thickness: No less than 8 mm (0.3 in)	Thickness: No less than 8 mm (0.3 in)
Insulated Copper Wire		Length required to make electrical wiring	Length required to make electrical wiring	Length required to make electrical wiring

*On Cooling Mode

Location and Preparation of Units

1. Choose a place as cool as possible. The place should be well ventilated and the inlet air should not hotter than the outside temperature (max 45°C or 113°F).
2. Avoid the vicinity of heat sources, exhaust fan, etc.
3. Avoid direct sunlight, provide awnings if necessary.
4. The unit should be set on a level reinforced concrete pad to avoid the effect humidity. The minimum height of the concrete pad should be 100 mm. (4"). Unit shall be fixed securely to the concrete pad with bolts (not supplied) to prevent abnormal noise and vibration.
5. The concrete pad must be positioned a minimum of 200 mm. (8") from any well and surrounding shrubbery.
6. Minimum clearance on the inlet air side of the unit must be 250 mm. (10") : 1200 mm. (48") on the discharge air side of the unit and 250 mm. (10") on the tubing side of the unit (Figure 1).
7. When the unit is mounted on a roof, be sure the roof will carry the unit's weight. Vibration isolation is recommended to prevent transmission to the building structure.

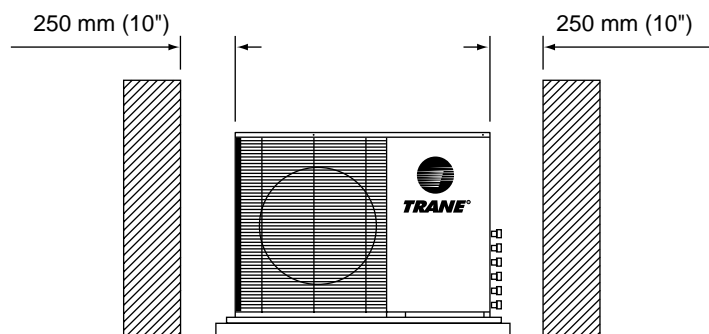
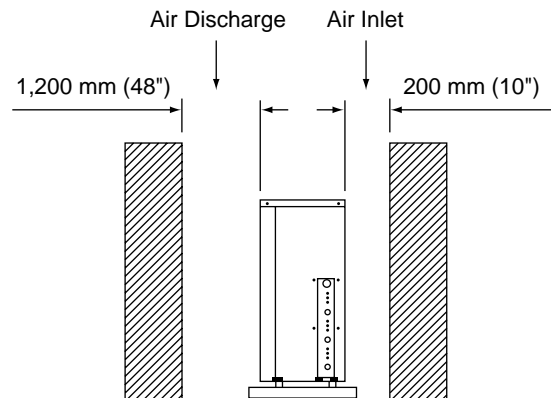


Figure 1

Note

The Multi-Split System (Outdoor) Unit should be installed as close to the indoor units as possible.

Connection of Refrigerant Tubing

- The principal concerns in refrigeration tubing are:
 - Uniform oil return to the compressor.
 - Pressure drops and their effect on system capacity.
 - Tube routing and isolation to avoid line breakage, vibration and sound transmission. Regarding this, the interconnecting refrigerant lines should be simple and shorter as much as possible.

2. Flare Connections

The units reported in this manual employ the flare method to interconnect refrigerant tubes between indoor and outdoor units (Figure 2).

- The tube end of all refrigerant tubes should be flared, the tube should be cut and deburred. Be sure no copper scraps fall in to the tube.
- Be sure to fit a cap to the open end of the tube to keep it free of dust and moisture.
- Avoid bending the tube. If it is necessary, bend it gently, with a radius of more than 3 or 4 cm. (1 1/2 in. or 1 5/8 in.)
- Cut approximately 30 to 50 cm. (12 in. to 20 in.) longer than estimated tubing length.
- Before flaring remember to fit the nut.
- Ream with tube end downward to avoid copper scraps inside the tube.
- Remove the flare caps on the tube end.
- Connect the tubes by aligning the centers of both flares and turn the flare nuts by hand 3 or 4 turns (Figure 3).

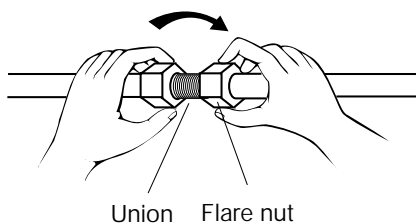


Figure 3

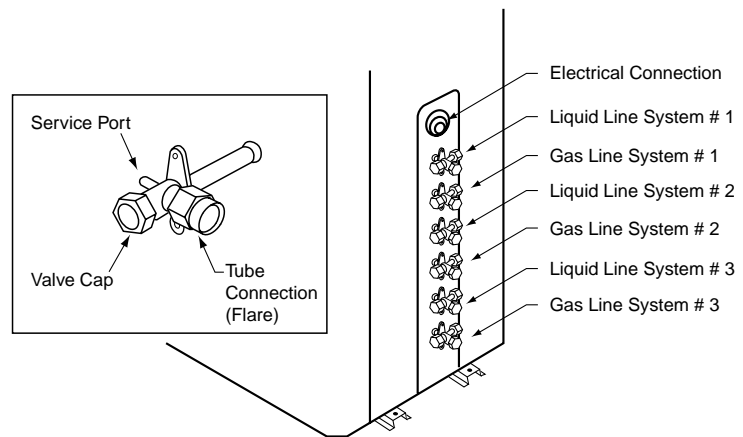


Figure 2

- Insulate both lines, liquid (narrow tube) and suction (wide tube), to prevent heat loss and wet floor due to dripping of chilled condensation. Apply proper insulation material, minimum thickness should be 8 mm (1/3 in.) (Figure 4).

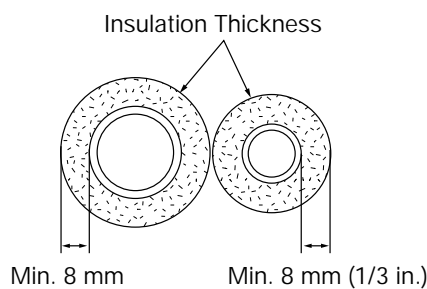


Figure 4

Note
Do not try to bend the tube after installation.

- Finish with armoring tape. Also see section of condensate drain piping.

Note
Apply refrigeration oil on flare and union surfaces before connecting them. This will reduce refrigerant leakage.

- Check the tubing connections and refrigerant lines before applying specified torque. Fasten flare nuts as recommended below.

Table 3

Tube Diameter mm.	in.	Tightening Torque	
		kg - cm	lbs - in.
6.35	(1/4)	150 - 200	(130 - 170)
9.52	(3/8)	350 - 400	(300 - 340)
12.70	(1/2)	500 - 550	(430 - 470)

Condensate Drain Piping

1. The drain hose should come straight down the wall to a level where runoff will not stain the wall.
2. There should be no traps and avoid putting the end of the hose in water.
3. To avoid damage to the floor or furniture when the drain hose is placed in the room, insulate the hose with foamed polyethylene or equivalent.
4. After completing refrigerant lines, wiring and drain connection, bind the tubing, wiring and drain pipe (check if local codes permit it) into a bundle by using tape at 100 or 200 mm (4 in. or 8 in.) intervals. Make sure the drain tube is at the bottom of the bundle (Figure 5).

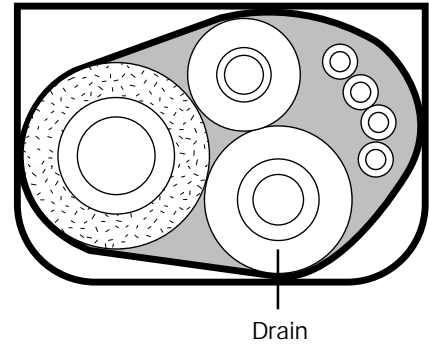


Figure 5

System Evacuation and Purging

The outdoor unit is factory charged. Unit nameplate charge is the total required system charge with 7.5 meters of interconnecting lines. Since the outdoor unit will not have to be evacuated unless charge has been completely lost, leave the suction and liquid shut-off valves closed.

1. Upon completion of installation, evacuate the refrigerant lines and indoor coil (Figure 6).
2. Evacuate unit until the gauge reads 350 microns or evacuate at least one hour for one system.
3. Close off valve to vacuum pump and observe the micron gauge. If gauge pressure rised above 500 microns in one (1) minute, then evacuation is incompleted or system is leaking.
 - Attach appropriate hose from manifold gauge to suction and liquid line valves service ports.
 - Attached center hose of manifold gauges to vacuum pump.

Note

Unnecessary switching of hoses and complete evacuation of all lines leading to sealed system can be accomplished by placing a "T" in manifold center hose and connecting branch hose to cylinder of R-22.

Note

Evacuate unit 2 and 3 in the same manner explained above. This completes system evacuation with a vacuum pump and the air conditioner is ready for actual operation.

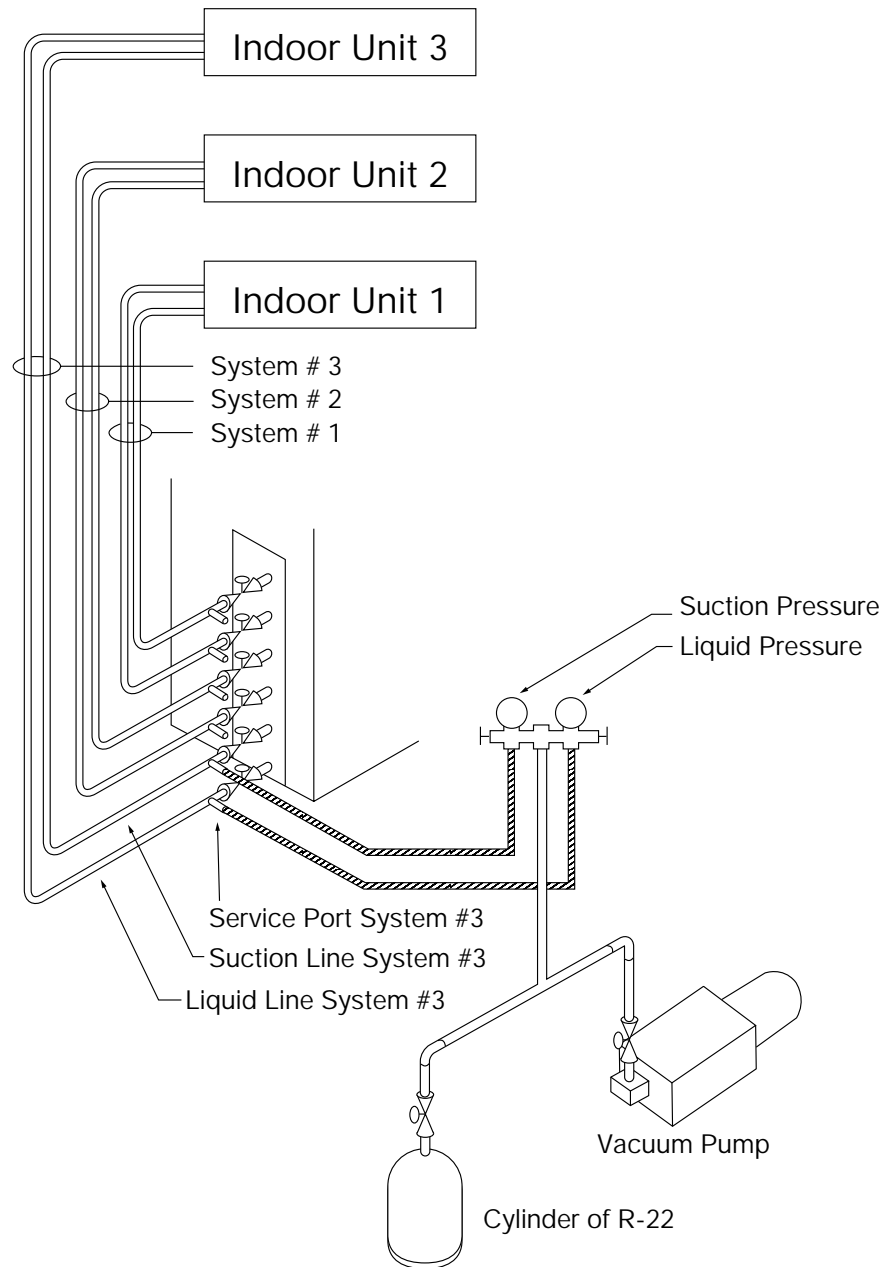


Figure 6

Electrical Installation

Wiring and grounding must comply with national and local codes.

Wiring

Important Safeguards:

- Check the unit nameplate for electrical rating. Be sure wiring is according to local codes and wiring system diagram.
- A power supply disconnect and a circuit breaker for overcurrent protection should be provided in the exclusive line.
- Connect all units electrically with ground.
- Wiring should not touch refrigerant tubing, compressor or moving parts.
- The manufacturer will have no responsibility for the problems caused by unauthorized change in the internal wiring.
- Connect wiring firmly.
- Use recommended wire length and size.

Note

- Each country has their own field wiring rules and regulations. Be sure the installation complies with local electrical codes.
- Nameplate ratings on indoor units are for "one-to-one" system installations only.

Checking the system before start up

Once the unit is installed, a check of the system is recommended before starting the units.

- Check that field connections are correctly made.
- Check that units are correctly installed and there is no tool or debris near or on top of the unit.
- Check the tubing and the connections for leaks.
- Check that unit has a proper ground wiring.
- Check for proper voltage and fuse size.
- Check electrical wire size used is as specified.
- Check all field wiring for tight connection.
- Make sure that electrical wires inside the unit do not contact with refrigerant pipes.
- Start the system and carefully observe operation.

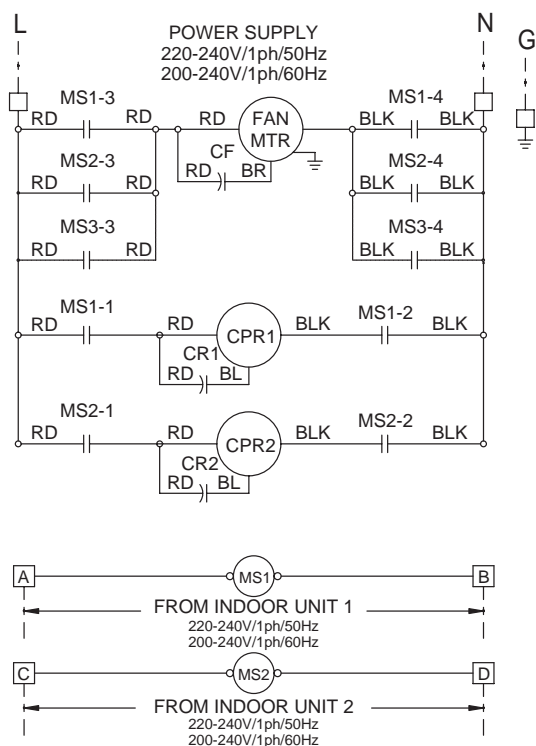
Wiring Diagram

Models

50 Hz	
TTD518AB0E	TTD530AB00
TTD521AB0E	TTD530AB0E
TTD524AB00	TTD536AB00
TTD524AB0E	TTD536AB0E
TTD527AB0E	TTD536DB00
	TTD536DB0E

Models

60 Hz	
TTD518A10E	TTD530A100
TTD521A10E	TTD530A10E
TTD524A100	TTD536A100
TTD524A10E	TTD536A10E
TTD527A10E	TTD536D100
	TTD536D10E

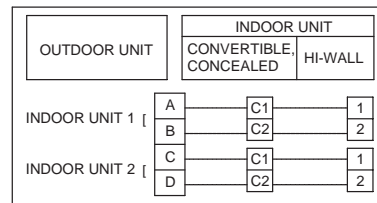


LEGEND

- CPR1,2,3 COMPRESSOR # 1,2,3
- CF FAN CAPACITOR
- CR1,2,3 COMPRESSOR RUN CAPACITOR # 1,2,3
- FAN MTR FAN MOTOR
- FC FAN CONTACTOR
- MS1,2,3 COMPRESSOR MOTOR CONTACTOR # 1,2,3
- TERMINAL
- JUNCTION
- ⊗ IDENTIFIED TERMINAL
- COIL
- TERMINAL BOARD BY OTHER
- TERMINAL BOARD BY FACTORY
- - - - - FIELD WIRING
- ===== FACTORY WIRING
- ===== APPLIES TO UNIT WITH 3 COMPRESSORS
- || RELAY CONTACT NO.
- || CAPACITOR

COLOR CODE

- BL BLUE
- BLK BLACK
- BR BROWN
- GR GRAY
- OR ORANGE
- RD RED
- WH WHITE
- YL YELLOW



NOTES

1. LOW VOLTAGE WIRING TO BE 18 AWG MINIMUM
2. POWER WIRING AND GROUING OF EQUIPMENT MUST COMPLY WITH LOCAL CODES
3. USE COPPER CONDUCTORS ONLY

INDOOR UNIT MODEL OUTDOOR UNIT MODEL	INDOOR UNIT 1 (SYSTEM # 1)					INDOOR UNIT 2 (SYSTEM # 2)				
	CONVERTIBLE CONCEALED		HI-WALL			CONVERTIBLE CONCEALED		HI-WALL		
	12 MBH	18 MBH	9 MBH	12 MBH	18 MBH	12 MBH	18 MBH	9 MBH	12 MBH	18 MBH
TTD518AB0E TTD518A10E	-	-	✓	-	-	-	-	✓	-	-
TTD521AB0E TTD521A10E	-	-	✓	-	-	-	-	-	✓	-
TTD524AB00 TTD524A100	-	-	-	✓	-	-	-	-	✓	-
TTD524AB0E TTD524A10E	✓	-	-	-	-	✓	-	-	-	-
TTD527AB0E TTD527A10E	-	-	✓	-	-	-	-	-	-	✓
TTD530AB00 TTD530A100	✓	-	-	-	-	-	✓	-	-	-
TTD530AB0E TTD530A10E	-	-	-	✓	-	-	-	-	-	✓
TTD536AB00 TTD536A100	-	✓	-	-	-	-	✓	-	-	-
TTD536AB0E TTD536A10E	-	-	-	-	✓	-	-	-	-	✓
	12 MBH	24 MBH	9 MBH	12 MBH	24 MBH	12 MBH	24 MBH	9 MBH	12 MBH	24 MBH
TTD536DB00 TTD536D100	✓	-	-	-	-	-	✓	-	-	-
TTD536DB0E TTD536D10E	-	-	-	✓	-	-	-	-	-	✓

Models

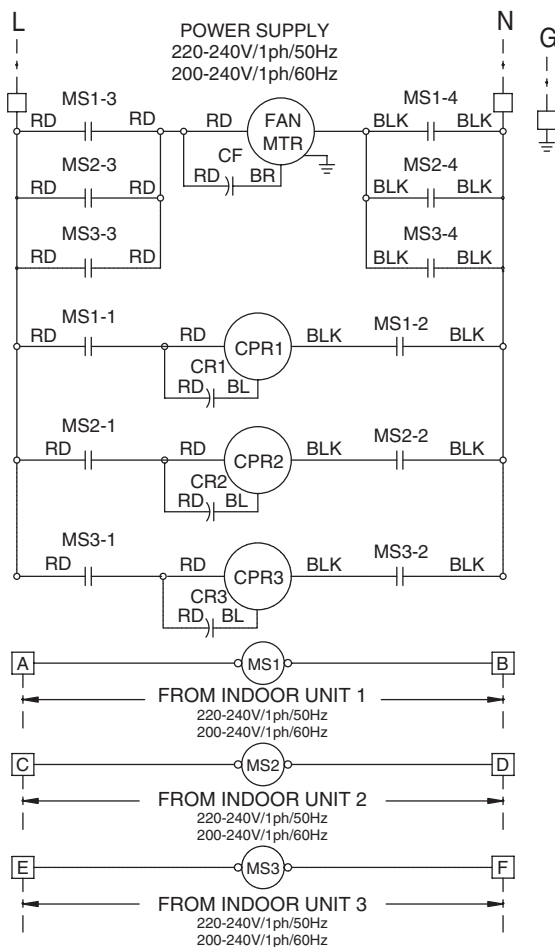
50 Hz

TTT521AB0E	TTT536AB0E
TTT527AB0E	TTT536AB00
TTT530AB0E	TTT536DB0E
TTT533AB0E	

Models

60 Hz

TTT527A10E	TTT536A10E
TTT530A10E	TTT536A100
TTT533A10E	TTT536D10E



LEGEND

- CPR1,2,3 COMPRESSOR # 1,2,3
- CF FAN CAPACITOR
- CR1,2,3 COMPRESSOR RUN CAPACITOR # 1,2,3
- FAN MTR FAN MOTOR
- FC FAN CONTACTOR
- MS1,2,3 COMPRESSOR MOTOR CONTACTOR # 1,2,3
- TERMINAL
- JUNCTION
- ⊗ IDENTIFIED TERMINAL
- COIL
- TERMINAL BOARD BY OTHER
- TERMINAL BOARD BY FACTORY
- - - - - FIELD WIRING
- ===== FACTORY WIRING
- ===== APPLIES TO UNIT WITH 3 COMPRESSORS
- || RELAY CONTACT NO.
- || CAPACITOR

COLOR CODE

- BL BLUE
- BLK BLACK
- BR BROWN
- GR GRAY
- OR ORANGE
- RD RED
- WH WHITE
- YL YELLOW

OUTDOOR UNIT	INDOOR UNIT	
	CONVERTIBLE, CONCEALED	HI-WALL
INDOOR UNIT 1	A	C1 1
	B	C2 2
INDOOR UNIT 2	C	C1 1
	D	C2 2
INDOOR UNIT 3	E	C1 1
	F	C2 2

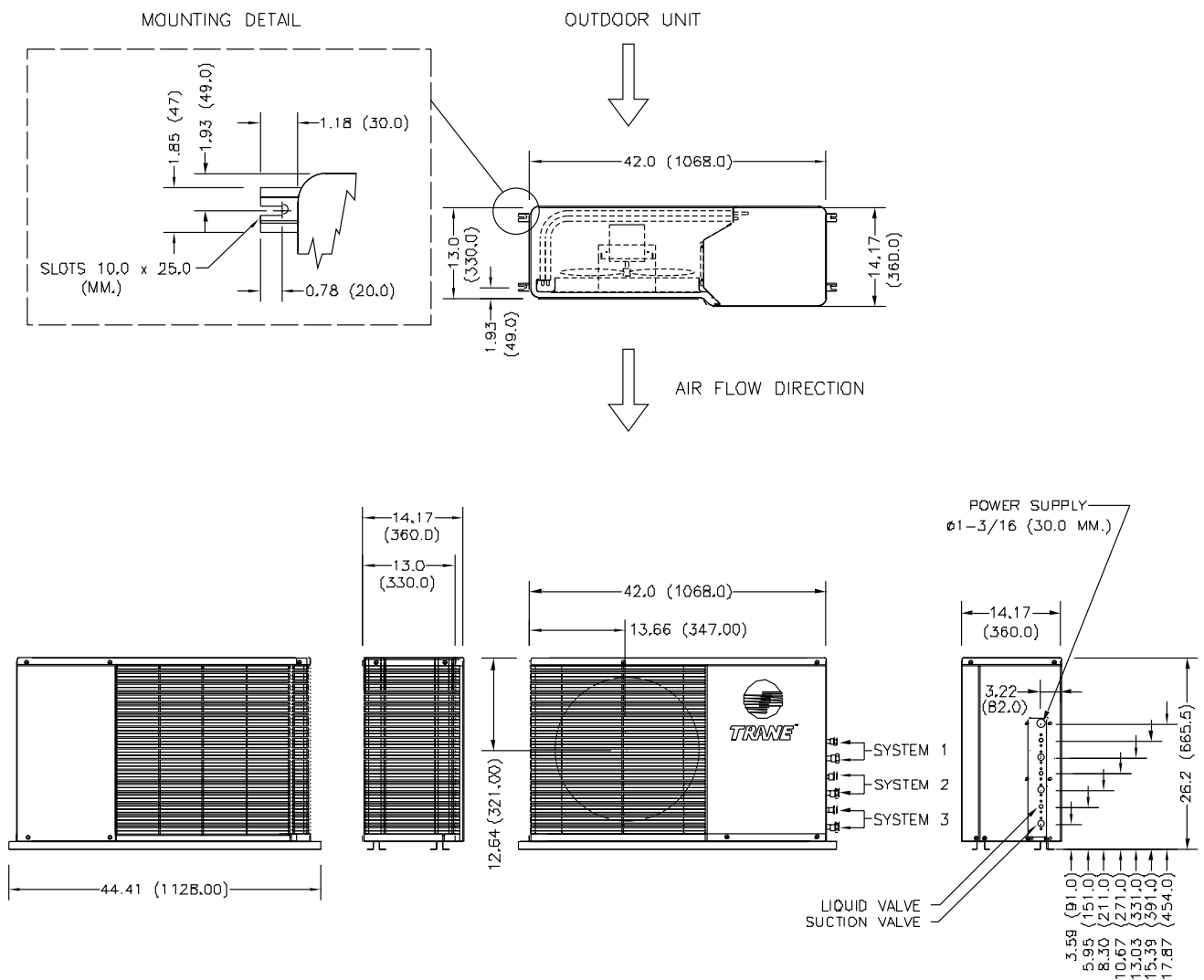
NOTES

1. LOW VOLTAGE WIRING TO BE 18 AWG MINIMUM
2. POWER WIRING AND GROUING OF EQUIPMENT MUST COMPLY WITH LOCAL CODES
3. USE COPPER CONDUCTORS ONLY

INDOOR UNIT MODEL OUTDOOR UNIT MODEL	INDOOR UNIT 1 (SYSTEM # 1)						INDOOR UNIT 2 (SYSTEM # 2)						INDOOR UNIT 3 (SYSTEM # 3)					
	CONVERTIBLE, CONCEALED		HI-WALL				CONVERTIBLE, CONCEALED		HI-WALL				CONVERTIBLE, CONCEALED		HI-WALL			
	12 MBH	18 MBH	7 MBH	9 MBH	12 MBH	18 MBH	12 MBH	18 MBH	7 MBH	9 MBH	12 MBH	18 MBH	12 MBH	18 MBH	7 MBH	9 MBH	12 MBH	18 MBH
TTT521AB0E	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	✓	-	-	-
TTT527AB0E TTT527A10E	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	✓	-	-
TTT530AB0E TTT530A10E	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	✓	-
TTT533AB0E TTT533A10E	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	✓	-
TTT536AB00 TTT536A100	✓	-	-	-	-	-	✓	-	-	-	-	✓	-	-	-	-	-	-
TTT536AB0E TTT536A10E	-	-	-	-	✓	-	-	-	-	✓	-	-	-	-	-	-	✓	-
TTT536DB0E TTT536D10E	-	-	-	✓	-	-	-	-	-	✓	-	-	-	-	-	-	-	✓

Dimensional Data

Models
50Hz
TTT521AB0EA



DIMENSIONAL DATA

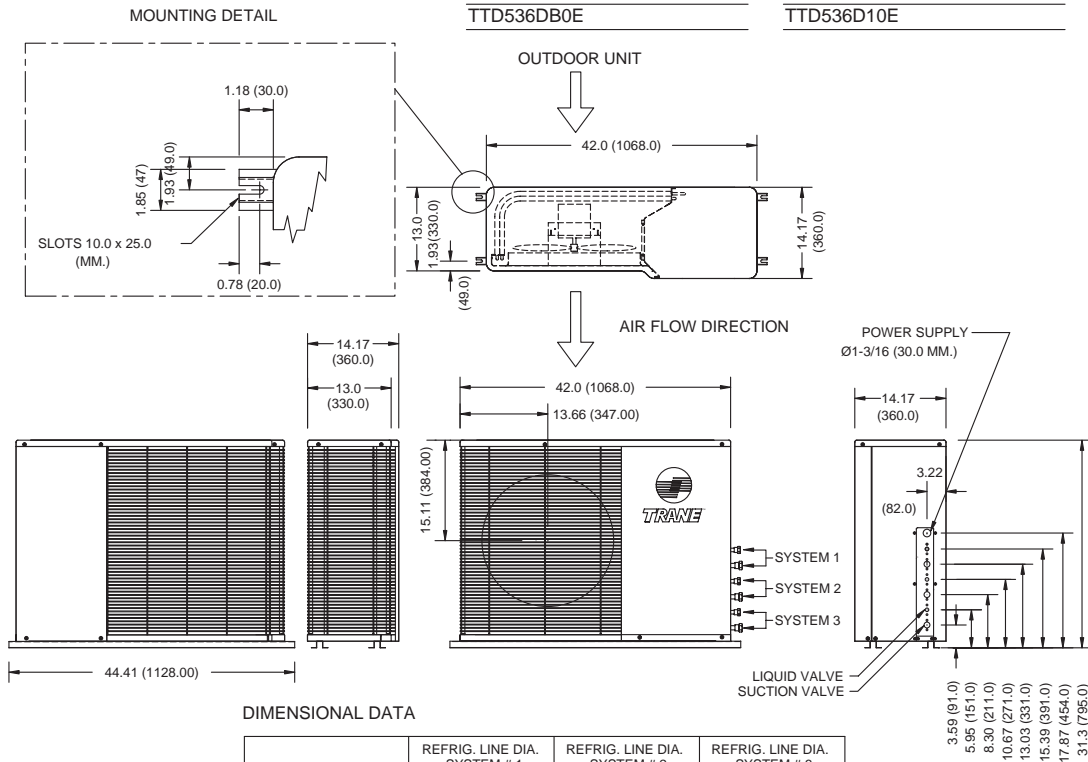
MODEL	REFRIG. LINE DIA. SYSTEM # 1		REFRIG. LINE DIA. SYSTEM # 2		REFRIG. LINE DIA. SYSTEM # 3	
	LIQUID	SUCTION	LIQUID	SUCTION	LIQUID	SUCTION
TTT521AB0EA	1/4 (6)	3/8 (9)	1/4 (6)	3/8 (9)	1/4 (6)	3/8 (9)

- NOTE**
- 1) SUCTION AND LIQUID VALVES ARE FLARE TYPE CONNECTIONS
 - 2) DIMENSIONS : INCHES (MILIMETERS) 1 IN. = 25.40 MM.
 - 3) THE ABOVE MODELS UTILIZE ROTARY COMPRESSORS.

OUTLINE DRAWING

Models	
50 Hz	
TTD527AB0E	TTT527AB0E
TTD530AB00	TTT530AB0E
TTD530AB0E	TTT533AB0E
TTD536AB00	TTT536AB0E
TTD536AB0E	TTT536AB00
TTD536DB00	TTT536DB0E
TTD536DB0E	

Models	
60 Hz	
TTD527AB0E	TTT527A10E
TTD530AB00	TTT530A10E
TTD530AB0E	TTT533A10E
TTD536A10E	TTT536A10E
TTD536A100	TTT536A100
TTD536D100	TTT536D10E
TTD536D10E	

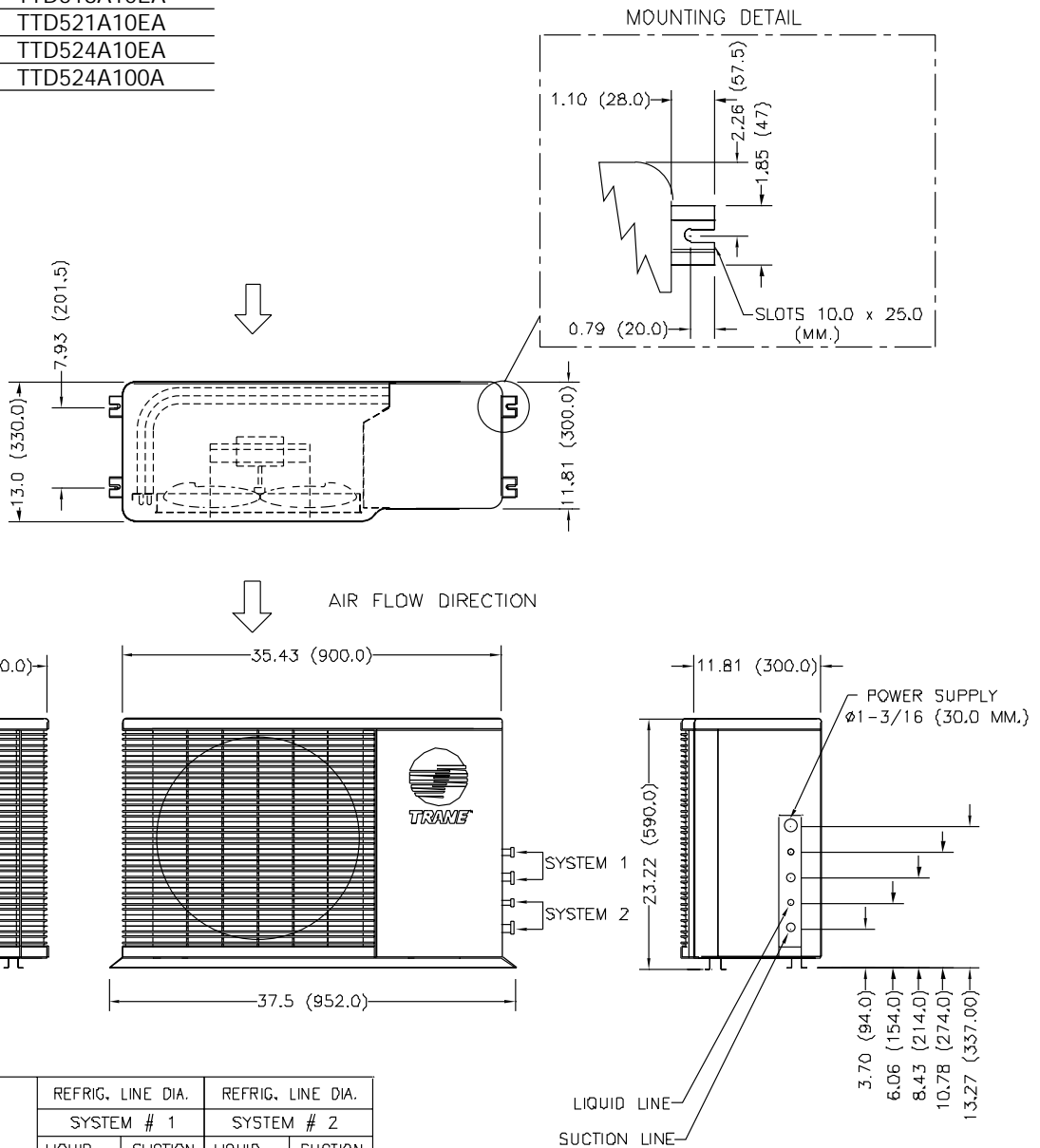


DIMENSIONAL DATA

MODEL	REFRIG. LINE DIA. SYSTEM # 1		REFRIG. LINE DIA. SYSTEM # 2		REFRIG. LINE DIA. SYSTEM # 3	
	LIQUID	SUCTION	LIQUID	SUCTION	LIQUID	SUCTION
TTD527AB0E TTD527A10E	1/4 (6)	1/2 (12)	1/4 (6)	1/2 (12)	-	-
TTD530AB00 TTD536A100 TTD536AB0E TTD536A10E	1/4 (6)	1/2 (12)	1/4 (6)	1/2 (12)	-	-
TTD536AB00 TTD536A100 TTD536AB0E TTD536A10E	1/4 (6)	1/2 (12)	1/4 (6)	1/2 (12)	-	-
TTD536D100 TTD536D10E TTD536D100 TTD536D10E	3/8 (9)	5/8 (16)	1/4 (6)	1/2 (12)	-	-
TTT527AB0E TTT527A10E	1/4 (6)	3/8 (9)	1/4 (6)	3/8 (9)	1/4 (6)	3/8 (9)
TTT530AB0E TTT530A10E	1/4 (6)	3/8 (9)	1/4 (6)	3/8 (9)	1/4 (6)	1/2 (12)
TTT533AB0E TTT533A10E	1/4 (6)	3/8 (9)	1/4 (6)	1/2 (12)	1/4 (6)	1/2 (12)
TTT536AB00 TTT536A100 TTT536AB0E TTT536A10E	1/4 (6)	1/2 (12)	1/4 (6)	1/2 (12)	1/4 (6)	1/2 (12)
TTT536D10E TTT536D10E	1/4 (6)	1/2 (12)	1/4 (6)	3/8 (9)	1/4 (6)	3/8 (9)

NOTE 1) SUCTION AND LIQUID VALVES ARE FLARE TYPE CONNECTIONS
 2) DIMENSIONS : INCHES (MILLIMETERS) 1 IN. = 25.40 MM.
 3) THE ABOVE MODELS UTILIZE ROTARY COMPRESSORS.

Models	
50Hz	60Hz
TTD518AB0EA	TTD518A10EA
TTD521AB0EA	TTD521A10EA
TTD524AB0EA	TTD524A10EA
TTD524AB00A	TTD524A100A



MODEL	REFRIG. LINE DIA.		REFRIG. LINE DIA.	
	SYSTEM # 1		SYSTEM # 2	
	LIQUID	SUCTION	LIQUID	SUCTION
TTD518AB0EA TTD518A10EA	1/4 {10}	3/8 {9}	1/4 {8}	3/8 {9}
TTD521AB0EA TTD521A10EA	1/4 {10}	3/8 {9}	1/4 {8}	1/2 {13}
TTD524AB0EA TTD524A10EA TTD524AB00A TTD524A100A	1/4 {6}	1/2 {13}	1/4 {6}	1/2 {13}

- NOTE**
- 1) SUCTION AND LIQUID LINE ARE FLARE TYPE CONNECTIONS.
 - 2) DIMENSIONS : INCHES (MILIMETERS) ; 1 IN. = 25.40 MM.
 - 3) THE ABOVE MODELS UTILIZE ROTARY COMPRESSORS.



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Since The Trane Company has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice.