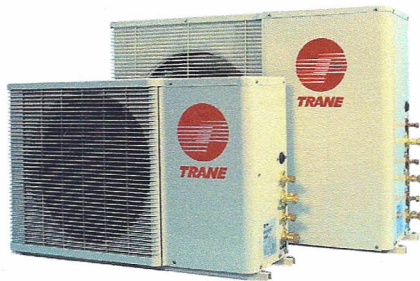




# MULTISPLIT SYSTEM

## Condensing Unit

*Multisplit System  
Condensing Unit  
18,000-36,000 Btu/h  
TTD&TTT Series 50/60 Hz*

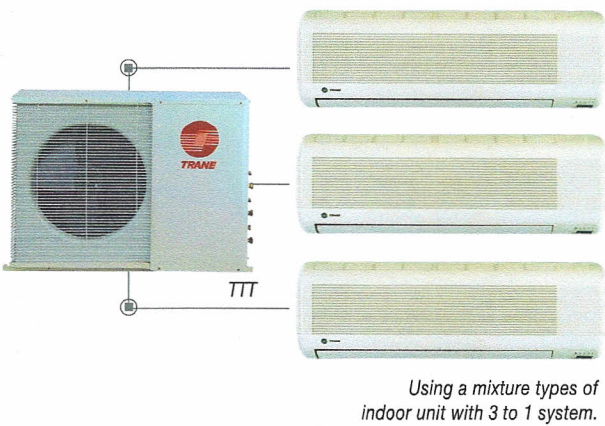
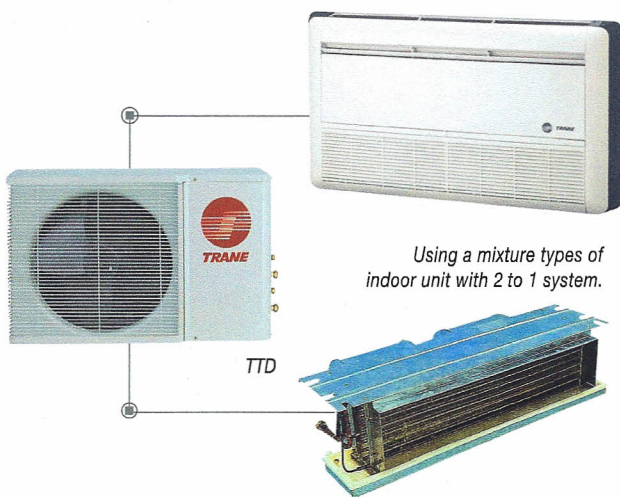
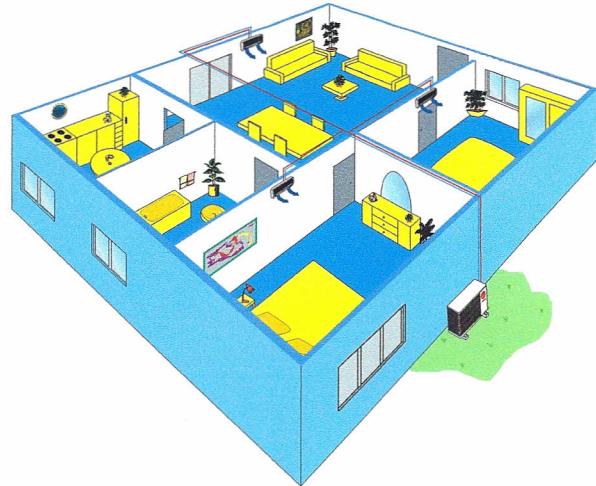






# TTD&TTT Multi-Split System

You work hard and deserve to be comfortable in your home or work environment. You can still have the benefit of individual room temperature control without having so many outdoor units cluttering up the outside of the building. The solution is Trane's new 2 to 1 (TTD) or 3 to 1 (TTT) air conditioner which can easily be installed in existing or new buildings.



## Flexibility

Trane multisplit system is an efficient, economical way to provide comfort in two rooms simultaneously with a 2 to 1 system (TTD) or up to three rooms simultaneously with a 3 to 1 system (TTT).

It is possible to choose between combination of indoor unit either High-wall, Convertible or Concealed to suit your space and decor requirements.

## Independent Circuits

Each of the independent compressors will operate with separate indoor unit as its own system. It offers more reliability and better comfort than a system which gangs multiple indoor units on a single compressor.



## Many Combinations Available

- Trane TTD Built 2 to 1 - Available in Seven Combinations of Sizes 9&9, 9&12, 9&18, 12&12, 12&18, 18&18, 12&24
- Trane TTT Built 3 to 1 - Available in Six Combinations of Sizes 7&7&7, 9&9&9, 9&9&12, 9&12&12, 12&12&12, 9&9&18

## Space Saving

Multiple indoor units with a single outdoor unit giving more usable outdoor space for more important things and better appearance.

## Installation Saving

A single outdoor unit reduces installation time compared to multiple outdoor units. Having only one power supply and disconnect for the outdoor system saves installation time too.



Specification 50 Hz  
TTD Multisplit Condensing Unit with New Stylus, Illusion and Contura 3G Indoor Unit

Outdoor Model	TTD518AB0E	TTD521AB0E	TTD524AB0E	TTD527AB0E	TTD530AB0E	TTD536AB0E	TTD536DB0E	TTD524AB00		TTD530AB00		TTD536AB00		TTD536DB00	
Indoor Model															
Indoor Unit #1	MCW509KB	MCW509KB	MCW512KB	MCW509KB	MCW512KB	MCW518KB	MCW512KB	MCX512GB	MCD512DB	MCX512GB	MCD512DB	MCX518GB	MCD518DB	MCX512GB	MCD512DB
Indoor Unit #2	MCW509KB	MCW512KB	MCW512KB	MCW518KB	MCW518KB	MCW518KB	MCW524KB	MCX512GB	MCD512DB	MCX518GB	MCD518DB	MCX518GB	MCD518DB	MCX524GB	MCD524DB
Indoor Unit #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power Supply - V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
MCA (1) (2)	10.1	12.5	14.4	15.3	17.2	19.0	21.9	14.4	14.4	17.2	17.2	19.0	19.0	21.3	21.3
Nominal Capacity - Btu/h															
System #1	8,600	8,600	11,000	8,600	11,000	17,000	11,000	12,000	12,000	12,000	12,000	18,000	18,000	12,000	12,000
System #2	8,600	11,000	11,000	17,000	17,000	17,000	21,000	12,000	12,000	18,000	18,000	18,000	18,000	24,000	24,000
System #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Data - Outdoor															
RLA (1) - System #1	4.3	4.3	6.2	4.3	6.2	8.0	6.2	6.2	6.2	6.2	6.2	8.0	8.0	6.2	6.2
RLA (1) - System #2	4.3	6.2	6.2	8.0	8.0	8.0	11.8	6.2	6.2	8.0	8.0	8.0	8.0	11.8	11.8
RLA (1) - System #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Data - Indoor															
RLA (1) - System #1	0.09	0.09	0.14	0.09	0.14	0.25	0.14	0.40	0.45	0.40	0.45	0.52	0.57	0.40	0.45
RLA (1) - System #2	0.09	0.14	0.14	0.25	0.25	0.25	0.25	0.40	0.45	0.52	0.57	0.52	0.57	0.67	1.34
RLA (1) - System #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimensions (HxWxD) - mm															
Outdoor Unit	590 x 900 x 330	590 x 900 x 330	590 x 900 x 330	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	590 x 900 x 330	590 x 900 x 330	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360
Indoor Unit #1	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	290 x 907 x 180	290 x 907 x 180	250 x 770 x 180	250 x 770 x 180	620 x 1,082 x 235	258 x 946 x 494	620 x 1,082 x 235	258 x 946 x 531	620 x 1,082 x 235	258 x 946 x 494
Indoor Unit #2, #3	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	290 x 907 x 180	290 x 907 x 180	290 x 907 x 180	290 x 907 x 180	620 x 1,082 x 235	258 x 946 x 494	620 x 1,082 x 235	258 x 946 x 531	620 x 1,082 x 235	258 x 946 x 531	620 x 1,332 x 235	258 x 946 x 531
Weight - kg															
Outdoor Unit	60	62	63	106	107	115	115	63	63	107	107	115	115	115	115
Indoor Unit #1	9	9	9	9	9	12	9	30	20	30	20	30	22	30	20
Indoor Unit #2, #3	9	9	9	12	12	12	12	30	20	30	22	30	22	35	24

TTT Multisplit Condensing Unit with New Stylus, Illusion and Contura 3G Indoor Unit

Outdoor Model	TTT521AB0E	TTT527AB0E	TTT530AB0E	TTT533AB0E	TTT536AB0E	TTT536DB0E	TTT536AB00	
Indoor Model								
Indoor Unit #1	MCW507KB	MCW509KB	MCW509KB	MCW509KB	MCW512KB	MCW518KB	MCX512GB	MCD512DB
Indoor Unit #2	MCW507KB	MCW509KB	MCW509KB	MCW512KB	MCW512KB	MCW509KB	MCX512GB	MCD512DB
Indoor Unit #3	MCW507KB	MCW509KB	MCW512KB	MCW512KB	MCW512KB	MCW509KB	MCX512GB	MCD512DB
Power Supply - V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
MCA (1) (2)	12.2	14.9	17.3	19.2	21.1	19.6	21.1	21.1
Nominal Capacity - Btu/h								
System #1	7,000	8,600	8,600	8,600	11,000	17,000	12,000	12,000
System #2	7,000	8,600	8,600	11,000	11,000	8,600	12,000	12,000
System #3	7,000	8,600	11,000	11,000	11,000	8,600	12,000	12,000
Electrical Data - Outdoor								
RLA (1) - System #1	3.5	4.3	4.3	4.3	6.2	8.0	6.2	6.2
RLA (1) - System #2	3.5	4.3	4.3	6.2	6.2	4.3	6.2	6.2
RLA (1) - System #3	3.5	4.3	6.2	6.2	6.2	4.3	6.2	6.2
Electrical Data - Indoor								
RLA (1) - System #1	0.08	0.09	0.09	0.09	0.14	0.25	0.40	0.45
RLA (1) - System #2	0.08	0.09	0.09	0.14	0.14	0.09	0.40	0.45
RLA (1) - System #3	0.08	0.09	0.14	0.14	0.14	0.09	0.40	0.45
Dimensions (HxWxD) - mm								
Outdoor Unit	666 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360
Indoor Unit #1	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	290 x 907 x 180	620 x 1,082 x 235	258 x 946 x 494
Indoor Unit #2, #3	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	620 x 1,082 x 235	258 x 946 x 494
Weight - kg								
Outdoor Unit	79	110	112	113	115	115	115	115
Indoor Unit #1	9	9	9	9	9	12	30	20
Indoor Unit #2, #3	9	9	9	9	9	9	30	20

- At ARI system rating conditions of 80°F-DB/67°F-WB indoor & 95°F-DB outdoor.
- MCA - Minimum Circuit Ampacity; calculated as follows: 125% of compressor RLA plus the condenser fan motor RLA.
- Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.
- When run three systems together the total amps will be lower than summation of amps of individual system due to sharing one CDU fan.
- Outdoor unit's width and depth do not include the size of mounting feet. For more detail, please see the drawing in the installation manual.





Specification 60 Hz  
TTD Multisplit Condensing Unit with New Stylus, Illusion and Contura 3G Indoor Unit



Trane  
www.trane.com

For more information, contact your local district office

Outdoor Model	TTD518A10E	TTD521A10E	TTD524A10E	TTD527A10E	TTD530A10E	TTD536A10E	TTD536D10E	TTD524A100		TTD530A100		TTD536A100		TTD536D100	
Indoor Model															
Indoor Unit #1	MCW509K1	MCW509K1	MCW512K1	MCW509K1	MCW512K1	MCW518K1	MCW512K1	MCX512G1	MCD512D1	MCX512G1	MCD512D1	MCX518G1	MCD518D1	MCX512G1	MCD512D1
Indoor Unit #2	MCW509K1	MCW512K1	MCW512K1	MCW518K1	MCW518K1	MCW518K1	MCW524K1	MCX512G1	MCD512D1	MCX518G1	MCD518D1	MCX518G1	MCD518D1	MCX524G1	MCD524D1
Indoor Unit #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power Supply - V/Ph/Hz	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60
MCA (1) (2)	10.0	11.3	12.3	16.6	17.6	21.5	21.1	12.3	12.3	17.6	17.6	21.5	21.5	19.8	19.8
Nominal Capacity - Btu/h															
System #1	8,600	8,600	11,000	8,600	11,000	17,000	11,000	12,000	12,000	12,000	12,000	18,000	18,000	12,000	12,000
System #2	8,600	11,000	11,000	17,000	17,000	17,000	21,000	12,000	12,000	18,000	18,000	18,000	18,000	24,000	24,000
System #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Data - Outdoor															
RLA (1) - System #1	4.2	4.2	5.2	4.2	5.2	9.1	5.2	5.2	5.2	5.2	5.2	9.1	9.1	5.2	5.2
RLA (1) - System #2	4.2	5.2	5.2	9.1	9.1	9.1	10.8	5.2	5.2	9.1	9.1	9.1	9.1	10.8	10.8
RLA (1) - System #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electrical Data - Indoor															
RLA (1) - System #1	0.17	0.17	0.17	0.17	0.17	0.32	0.17	0.54	0.47	0.54	0.47	0.55	0.67	0.54	0.47
RLA (1) - System #2	0.17	0.17	0.17	0.32	0.32	0.32	0.32	0.54	0.47	0.55	0.67	0.55	0.67	0.68	1.48
RLA (1) - System #3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimensions (HxWxD) - mm															
Outdoor Unit	590 x 900 x 330	590 x 900 x 330	590 x 900 x 330	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	590 x 900 x 330	590 x 900 x 330	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360
Indoor Unit #1	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	290 x 907 x 180	290 x 907 x 180	620 x 1,082 x 235	258 x 946 x 494	620 x 1,082 x 235	258 x 946 x 494	620 x 1,082 x 235	258 x 946 x 531	620 x 1,082 x 235	258 x 946 x 494
Indoor Unit #2, #3	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	290 x 907 x 180	290 x 907 x 180	290 x 907 x 180	290 x 907 x 180	620 x 1,082 x 235	258 x 946 x 494	620 x 1,082 x 235	258 x 946 x 531	620 x 1,082 x 235	258 x 946 x 531	620 x 1,332 x 235	258 x 946 x 531
Weight - kg															
Outdoor Unit	60	62	63	106	107	115	115	63	63	107	107	115	115	115	115
Indoor Unit #1	9	9	9	9	9	12	9	30	20	30	20	30	22	30	20
Indoor Unit #2, #3	9	9	9	12	12	12	12	30	20	30	22	30	22	35	24

TTT Multisplit Condensing Unit with New Stylus, Illusion and Contura 3G Indoor Unit

Outdoor Model	TTT527A10E	TTT530A10E	TTT533A10E	TTT536A10E	TTT536D10E	TTT536A100	
Indoor Model							
Indoor Unit #1	MCW509K1	MCW509K1	MCW509K1	MCW512K1	MCW518K1	MCX512G1	MCD512D1
Indoor Unit #2	MCW509K1	MCW509K1	MCW512K1	MCW512K1	MCW509K1	MCX512G1	MCD512D1
Indoor Unit #3	MCW509K1	MCW512K1	MCW512K1	MCW512K1	MCW509K1	MCX512G1	MCD512D1
Power Supply - V/Ph/Hz	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60	220-240/1/60
MCA (1) (2)	14.7	16.0	17.0	18.0	20.8	18.0	18.0
Nominal Capacity - Btu/h							
System #1	8,600	8,600	8,600	11,000	17,000	12,000	12,000
System #2	8,600	8,600	11,000	11,000	8,600	12,000	12,000
System #3	8,600	11,000	11,000	11,000	8,600	12,000	12,000
Electrical Data - Outdoor							
RLA (1) - System #1	4.2	4.2	4.2	5.2	9.1	5.2	5.2
RLA (1) - System #2	4.2	4.2	5.2	5.2	4.2	5.2	5.2
RLA (1) - System #3	4.2	5.2	5.2	5.2	4.2	5.2	5.2
Electrical Data - Indoor							
RLA (1) - System #1	0.17	0.17	0.17	0.17	0.32	0.54	0.47
RLA (1) - System #2	0.17	0.17	0.17	0.17	0.17	0.54	0.47
RLA (1) - System #3	0.17	0.17	0.17	0.17	0.17	0.54	0.47
Dimensions (HxWxD) - mm							
Outdoor Unit	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360	795 x 1,068 x 360
Indoor Unit #1	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	290 x 907 x 180	620 x 1,082 x 235	258 x 946 x 494
Indoor Unit #2, #3	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	250 x 770 x 180	620 x 1,082 x 235	258 x 946 x 494
Weight - kg							
Outdoor Unit	110	112	113	115	115	115	115
Indoor Unit #1	9	9	9	9	12	30	20
Indoor Unit #2, #3	9	9	9	9	9	30	20

1. At ARI system rating conditions of 80°F-DB/67°F-WB indoor & 95°F-DB outdoor.
2. MCA - Minimum Circuit Ampacity: calculated as follows: 125% of compressor RLA plus the condenser fan motor RLA.
3. Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.
4. When run three systems together the total amps will be lower than summation of amps of individual system due to sharing one CDU fan.
5. Outdoor unit's width and depth do not include the size of mounting feet. For more detail, please see the drawing in the installation manual.

Literature Order Number: MS-SLB023-EN

Date: Jul 2007

Supersedes: Sep 2004

Stocking Location: Bangkok, Thailand

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