

# *NewStylus™ Minisplit Air Conditioners*

*Convertible Type 12,000-60,000 Btu/h MCX Series 50/60 Hz*



# NewStylus™ – Human Comfort Solutions



Trane proudly presents NewStylus™ air conditioners with a clever blend of art and technological design according to **Trane World Wide Quality Standards** providing you with convenient, comfortable, reliable, and durable heating or cooling with minimal service required.

## Energy Saving

- Cools your style with high energy efficiency rate (EER ≥ 11.0 Btu/h/W) for high efficiency models.

## Flexibility & Convenience

- **One Touch Control Switch** operates the system without handheld remote control.
- New Stylus is able to be flexibly installed under the ceiling, at the wall, or on the floor\*.

## Comfort & Reliability

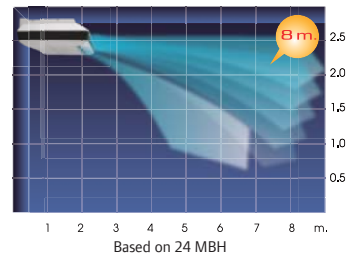
- Full capacity and energy saving
- 2 Directional Air Discharges
- Effective Air Discharges
- **3-Minute Time Delay** protects your minisplit system against power interruptions and rapid compressor cycling.
- **Power Failure Recovery** ensures the system will automatically operate with existing setting whenever power resumes.
- **Optional Electric Heater and Drain Pump** offers an alternative selection covering your application.

## Quality & Durability

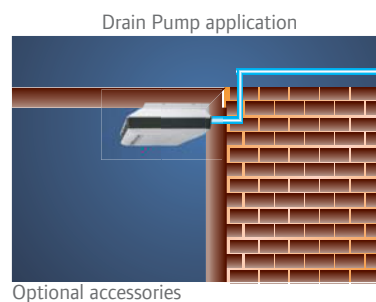
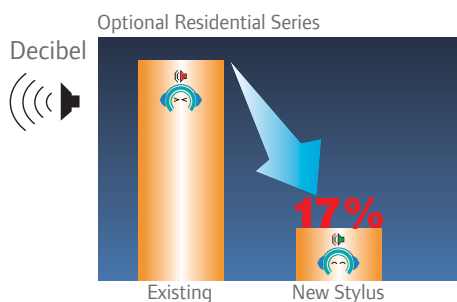
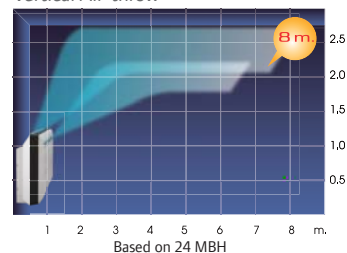
To provide and ensure years of trouble-free comfort, all major components of Trane air conditioners are individually inspected and tested including a run-test prior to shipment from factory.



Horizontal Air-throw



Vertical Air-throw



\* Please see further details in product specification.

# NewStylus™

## -Covers and Cares Your Style

### Trane Unique Control

instantly bring all comfort and convenience to your modern lifestyle.



Wireless remote control

#### ① Luminous On/Off Button:

Makes you easily on/off air conditioner during night time or the dark.

#### ⊗ Light Button:

Makes you easily use during night time or the dark.

#### ⊕ Send Button:

Confirm or select unit operation according to LCD display.

#### ⊗ Front Blade Function\*,\*\*:

Allows for control of front air flow direction and helps room air circulation.

#### ⊗ Louver Function\*,\*\*:

Allows you control 5 levels air flow direction of top discharge.

#### ⊕ Powercool (Turbo) Mode:

provides quick convenient cooling capacity. (Turbo Mode for digital wired control)



One Touch Control Switch

#### ⊗ Sleep Mode:

provides more comfort with automatically appropriate room temperature adjustment during your rest.

#### ⊕ Econo Mode:

provides more energy saving with high efficient cooling capacity.

#### ⊕ Dry Mode:

provides effective humidity reduction with high efficient cooling capacity.

#### ⊕ Sweep Function\*\*:

helps provide better efficient air distribution and circulation.

#### ⊕ Mode of Operation:

allows you control the operating modes: Fan, Cool, Dry.



Digital wired control

#### ⊗ Fan Speed:

continuously provides cool air flow with 4 fan levels: High, Medium, Low, and Auto.

#### ⊕ Temperature Setting:

set temperature range is from 15°C to 30°C.

#### ⊕ 24 Hours Programmable Timer:

Users can select on/off time of the unit as real time.

#### ⊕ Illuminating LCD Display:

lightens up when press any buttons for digital wired control, but from 1800 to 0600 hrs for wireless remote control.

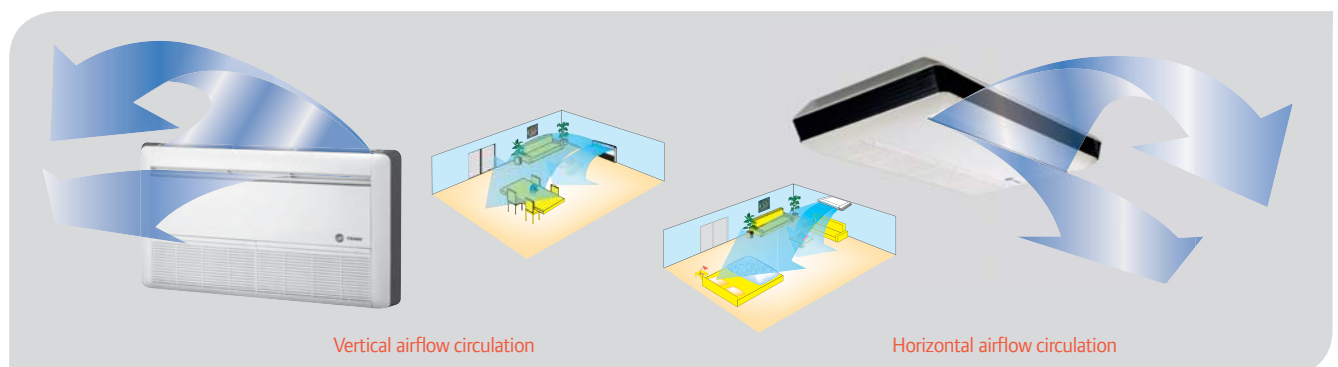
- Provides precise temperature and no batteries required!

(Digital wired control only).



### High Efficiency Condensing Unit

- Compact size and easy small space installation.
- Galvanized steel with a powder paint finish for corrosion resistance.
- High efficiency with low noise level.
- Options: Blue fin, Copper fin, Stainless casing, 45 degree louver, and Aeris coating.



Vertical airflow circulation

Horizontal airflow circulation

\*Function and buttons are available only for Wireless remote control.

\*\*Front Blade, Louver, and Sweep function are unavailable from MCX042-MCX060 for standard models and from MCX536-MCX042 for high efficiency models.

## Product Specification 50Hz: High Efficiency Models

Model	Indoor Unit		MCX512GB5 TTK512LB5	MCX518GB5 TTK518LB5	MCX524GB5 TTK524LB5	MCX530GB5 TTK530KB5	MCX536GB5 TTK536KB5	MCX536GB5 TTK536KB5	MCX536GB5 TTK536KB5	MCX042GB5 TTK042KB5	MCX042GB5 TTK042KB5
Electrical Data	Power Supply	V/ph/Hz	220-240/1/50								
Performance Data	Nominal Capacity	Btu/h	13,100	18,900	26,000	30,100	37,100	37,300	40,900		
	Energy Efficiency Rating (EER)	Btu/h/W	11.68	11.85	11.10	11.42	11.03	11.58	11.88		
	Nominal Airflow	cfm	400	600	800	1,000	1,200	1,200	1,400	380-415/3/50	
Indoor Unit											
Expansion Device											
Fan Motor	Type		Capillary Tube								
	RLA/LRA	A	0.40/0.54	0.67/1.07	0.67/1.07	Permanent Split Capacitor		(0.72/1.23) x 2	(0.72/1.23) x 2	(0.72/1.23) x 2	
Accessories	Drain pump		Option								
	Installed Position		Option								
Dimension	Height	mm	627	627	627	627	627	627	627	627	627
	Width	mm	1,074	1,324	1,324	1,574	1,574	1,824	1,824	2,074	2,074
	Depth	mm	234	234	234	234	234	234	234	234	234
Weight		kg	30	34	37	48	48	69	69	70	70
Outdoor Unit											
Compressor	Type		Rotary				Scroll				
	RLA/LRA		5.3/31.0	7.2/39.0	12.1/55.4	12.9/60.0	17.2/100.0	6.4/46.0	7.2/48.0		
Fan Motor	Type		Permanent Split Capacitor								
	RLA/LRA	A	0.54/0.93	0.88/1.79	1.03/1.79	1.03/1.79	1.03/1.79	1.03/1.79	1.03/1.79	(0.88/1.79) x 2	
Dimension	Height	mm	585	692	795	795	795	795	795	795	1,254
	Width	mm	830	830	1,018	1,018	1,018	1,018	1,018	988	988
	Depth	mm	330	330	360	360	360	360	360	350	350
Weight		kg	43	54	70	69	71	70	85	85	85
Piping Connection Type											
Refrigerant Pipe Size	Liquid	in	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	Sweat Type
	Suction	in	5/8	5/8	5/8	3/4	3/4	3/4	3/4	3/4	7/8

- At ARI system rating conditons of 80°F - DB / 67°F - WB Indoor & 95°F - DB Outdoor.
- Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.
- Outdoor unit's dimensions exclude the size of the mounting feet. For more detail, please see the drawing in the installation manual.

## Product Specification 50Hz: Standard Models

Model	Indoor Unit		MCX512GB	MCX518GB	MCX524GB	MCX530GB	MCX536GB	MCX536GB	MCX042GB	MCX048GB	MCX060GB
Electrical Data	Power Supply	V/ph/Hz	220-240/1/50								
Performance Data	Nominal Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000
	Nominal Airflow	cfm	400	600	800	1,000	1,200	1,200	1,400	1,600	2,000
Indoor Unit											
Expansion Device											
Fan Motor	Type		Permanent Split Capacitor								
	RLA/LRA	A	0.40/0.54	0.39/0.53	0.62/1.41	(0.46/0.71) x 2	(0.46/0.71) x 2	(0.46/0.71) x 2	(0.70/1.20) x 2	(0.70/1.20) x 2	(0.70/1.20) x 2
Option	Optional electric heater	kW	2	2.5	3.5	4	5	5	6	7	
	Residential Series	A	9.1	11.4	15.9	18.2	22.7	22.7	22.7	27.2	31.8
Accessories	Drain pump		Option								
	Installed Position		Option								
Dimension	Height	mm	627	627	627	627	627	627	627	627	627
	Width	mm	1,074	1,074	1,324	1,574	1,574	1,574	1,824	1,824	2,074
	Depth	mm	234	234	234	234	234	234	234	234	234
Weight		kg	29	30	34	46	47	47	59	61	70
Outdoor Unit											
Compressor	Type		Rotary				Scroll				
	RLA/LRA		5.3/29.0	8.5/43.0	10.8/59.0	14.2 / 85.0	15.8 / 79.0	5.9 / 43.0	7.9/59.0	9.0/59.0	10.0/74.0
Fan Motor	Type		Permanent Split Capacitor								
	RLA/LRA	A	0.43/0.62	0.54/0.93	0.88/1.79	0.88/1.79	1.03/1.79	1.03/1.79	1.03/1.79	1.45/2.68	1.45/2.68
Dimension	Height	mm	531	692	692	692	795	795	795	795	795
	Width	mm	700	830	830	830	1,018	1,018	1,018	1,018	1,018
	Depth	mm	250	330	330	330	360	360	360	360	360
Weight		kg	41	54	60	61	83	81	87	87	92
Piping Connection Type											
Refrigerant Pipe Size	Liquid	in	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Suction	in	1/2	1/2	5/8	5/8	3/4	3/4	7/8	1 1/8	1 1/8

- At ARI system rating conditons of 80°F - DB / 67°F - WB Indoor & 95°F - DB Outdoor.
- Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.
- Outdoor unit's dimensions exclude the size of the mounting feet. For more detail, please see the drawing in the installation manual.

## Product Specification 60Hz: Standard Models

Model	Indoor Unit		MCX512G1	MCX518G1	MCX524G1	MCX530G1	MCX536G1	MCX536G1	MCX042G1	MCX048G1	MCX060G1
Electrical Data	Power Supply	V/ph/Hz	230/1/60								
Performance Data	Nominal Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000
	Nominal Airflow	cfm	400	600	800	1,000	1,200	1,200	1,400	1,600	2,000
Indoor Unit											
Expansion Device											
Fan Motor	Type		Permanent Split Capacitor								
	RLA/LRA	A	0.49/0.53	0.56/0.62	0.56/0.69	(0.59/0.79) x 2	(0.59/0.79) x 2	(0.59/0.79) x 2	(0.74/1.14) x 2	(0.70/1.10) x 2	(0.70/1.10) x 2
Option	Optional electric heater	kW	2	2.5	3.5	4	5	5	6	7	
	Residential Series	A	9.1	11.4	15.9	18.2	22.7	22.7	22.7	27.2	31.8
Accessories	Drain pump		Option								
	Installed Position		Option								
Dimension	Height	mm	627	627	627	627	627	627	627	627	627
	Width	mm	1,074	1,074	1,324	1,574	1,574	1,574	1,824	1,824	2,074
	Depth	mm	234	234	234	234	234	234	234	234	234
Weight		kg	29	30	34	46	47	47	59	61	70
Outdoor Unit											
Compressor	Type		Rotary				Scroll				
	RLA/LRA		5.2 / 29.0	8.6 / 50.0	10.8/58.0	15.0 / 73.0	18.4 / 95.0	5.7 / 39.0	7.1 / 46.0	7.2 / 48.0	8.9 / 65.5
Fan Motor	Type		Permanent Split Capacitor								
	RLA/LRA	A	0.49 / 0.56	1.25 / 1.53	1.25 / 1.53	1.25 / 1.53	1.25 / 1.53	1.25 / 1.53	1.25 / 1.53	(0.66 / 0.80) x 2	(0.66 / 0.80) x 2
Dimension	Height	mm	531	692	692	692	795	795	795	795	1,254
	Width	mm	700	830	830	830	1,018	1,018	1,018	1,018	988
	Depth	mm	250	330	330	330	360	360	360	350	350
Weight		kg	36	44	43	61	82	79	82	84	92
Piping Connection Type											
Refrigerant Pipe Size	Liquid	in	1/4	1/4	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Suction	in	1/2	1/2	5/8	5/8	3/4	3/4	7/8	1 1/8	1 1/8

- At ARI system rating conditons of 80°F - DB / 67°F - WB Indoor & 95°F - DB Outdoor.
- Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.
- Outdoor unit's dimensions exclude the size of the mounting feet. For more detail, please see the drawing in the installation manual.



Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands— including Club Car®, Hussmann®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. We are a \$13 billion global business committed to sustainable business practices within our company and for our customers.

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