

NewStylus™

Minisplit Air Conditioners

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













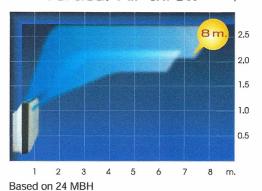


NewStylus - Human Comfort Solutions

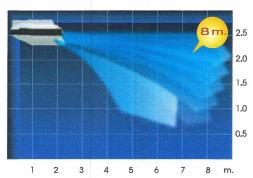




Vertical Air-throw



Horizontal Air-throw



Based on 24 MBH

Trane proudly presents New Stylus air conditioners with a celver 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.

Comfort and Reliability

- Full capacity and energy saving.
- 2 Directional Air Discharges.
- Effective Air Discharges.
- Perfectly Serviceable Unit with Low Maintenance.
- 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 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 at Trane's unique **System Extreme Environment Test**Center (SEET), under conditions in the range of arctic coasts to desert plains.

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*
 - * Please see further details in product specification.

SEET

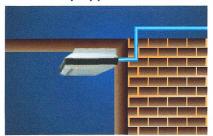
System Extreme Environmental Test.

17% noise improvement

Decibel (((()

Existing New Stylus
Based on 24 MBH

Drain Pump application



Optional accessories

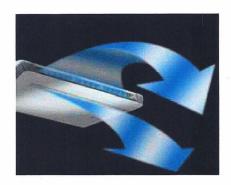
Washable Filter Remover



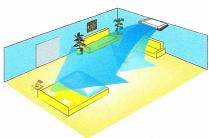
MS-SLB022-EN

NewStylus - Covers and Cares Your Style





Horizontal airflow circulation



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, and 45 degree louver.



Vertical airflow circulation





One Touch Control Switch



Trane Unique Control

instantly bring all comfort and convenience to your modern lifestyle.



Wireless remote control



New!

best suit your needs with new privileged mode and function, elegant appearance, and simple use.



Digital wired control

- Luminous On/Off Button: makes you easily on/off air conditoner during night time or the dark.
- Light Button: makes you easily use during night time or the dark.
- Send Button:
 cofirm 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.

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

Note: Please see further details in product specification.

- Powercool (Turbo) Mode: provides quick convenient cooling capacity. (Turbo Mode for digital wired control)
- 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.
- Fan Speed: continuosly provides cool air flow with 4 fan levels: High, Medium, Low, and Auto.
- Temperature Setting: set teperature 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).

Product Specifications 50 Hz

| Models | Indoor unit | | MCX512GB | MCX518GB | MCX524GB | MCX530GB | MCX536GB | MCX536GB | MCX042GB | MCX048GB | MCX060GB | |
|--|------------------------|----------|---------------------------|--------------|--------------|---------------|----------------|--------------|---------------|---------------|---------------|--|
| | Outdoor unit | | TTK512PB | TTK518PB | TTK524PB | TTK530PB | TTK536KB | TTK536KD | TTK042KD | TTK048KD | TTK060KD | |
| Electrical Data | 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 | 380-415/3/50 | 380-415/3/50 | 380-415/3/50 | 380-415/3/5 | |
| | MCA | Α | 7.1 | 11.1 | 14.4 | 22.4 | 22.4 | 10.0 | 11.3 | 12.2 | 14.3 | |
| 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 Units | | | | | | | | | | | | |
| Expansion Device | | | | | | | Capillary Tube | | | | | |
| Fan Motor | Туре | | Permanent Split Capacitor | | | | | | | | | |
| | RLA/LRA | A | 0.40/0.54 | 0.52/0.83 | 0.67/1.07 | 0.68x2/1.18x2 | | | 0.70x2/1.20x2 | 0.70x2/1.20x2 | 0.70x2/1.20x2 | |
| Control Type | Wireless Remote Contro | | | | | | | | | | | |
| | Digital Wired Control | | | | | | | | | | • | |
| Features | 3 Minutes Timer Delay | | | • | | | | | | | | |
| | Auto Sweep | | | | | | | | | | | |
| | Front Blade | | | | | | | • | | | | |
| | Louver Function (R) | | | | | | • 11 | | | | | |
| | Dry Mode | | | • | | | | | | | | |
| | Sleep Mode | | | | | | | | • | | • | |
| | Econo Mode | | | | | | | | | | | |
| | Powercool Mode (R) | | | • A. A. | • | | | | | | | |
| | Turbo Mode (W) | | | | | | | | | • | | |
| | Fan Speed | | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | |
| | Temperature Setting | °C | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | |
| | Programmable Timer | Hrs | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| Accessories | Drain Pump | | Option | Option | Option | Option | Option | Option | Option | Option | Option | |
| Installed Position | Ceiling | | | | | | | | | | | |
| mistalica i Osidori | Low Wall | | | | | | | | | • | | |
| | Floor | | | | | • | • | | | - | | |
| Dimensions | Height | mm | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | |
| | Width | mm | 1,082 | 1,082 | 1,332 | 1,582 | 1,582 | 1,582 | 1,832 | 1,832 | 2,082 | |
| | Depth | mm | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | |
| Weight | Uncrated | kq | 30 | 30 | 35 | 46 | 47 | 47 | 59 | 61 | 70 | |
| Outdoor Units | Torretto | 1 1/9 | - | | | | | | | | | |
| Compressor | Type | | Rotary | | | | | Scroll | | | | |
| | RLA/LRA | Α | 5.3/29.0 | 8.4/43.0 | 10.8/59.0 | 17.2/100.0 | 17.1/97.0 | 7.2/48.0 | 8.2/61.8 | 8.9/65.5 | 10.0/74.0 | |
| Fan Motor | Type | | Permanent Split Capacitor | | | | | | 10.017 110 | | | |
| | RLA/LRA | Α | 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 | 0.54x2/0.93x2 | 0.88x2/1.79x2 | |
| Dimensions | Height | mm | 531 | 692 | 692 | 692 | 795 | 795 | 795 | 1,254 | 1,254 | |
| | Width | mm | 700 | 830 | 830 | 830 | 1.018 | 1.018 | 1.018 | 988 | 988 | |
| | Depth | mm | 250 | 330 | 330 | 330 | 360 | 360 | 360 | 350 | 350 | |
| Weight | Uncrated | kg | 41 | 54 | 60 | 61 | 83 | 81 | 88 | 92 | 95 | |
| | | | | | | Туре | | | | Sweat Type | | |
| Piping Connection Type | | | | | | | | | | | | |
| | Liquid | in | 1/4 | 1/4 | | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | |
| Piping Connection Type Refrigerant Pipe Size | Liquid Suction | in in | 1/4 | 1/4 | 3/8 5/8 | 3/8 5/8 | 3/8 | 3/8 | 3/8 7/8 | 3/8 1 1/8 | 3/8 1 1/8 | |

- 1. At ARI system rating conditions of 80°F DB / 67°F WB Indoor & 95°F DB Outdoor.
 2. Outdoor unit's dimensions exclude the size of the mounting feet. For more detail, please see the drawing in the installation manual.
 3. R = Wireless Remote Control only, W = Digital Wired Control only.
 4. MCA Minimum Circuit Ampacity; calculated as follow: 125% of compressor RLA plus the condenser fan motor RLA.

Product Specifications 60 Hz

| Models | Indoor unit | | MCX512G1 | MCX518G1 | MCX524G1 | MCX530G1 | MCX536G1 | MCX536G1 | MCX042G1 | MCX048G1 | MCX060G1 |
|------------------------|-------------------------|---------|---------------------------|-----------|---|---------------|----------------|---------------|---------------|--------------|--------------|
| | Outdoor unit | | TTK512P1 | TTK518P1 | TTK524P1 | TTK530P1 | TTK536K1 | TTK536K4 | TTK042K4 | TTK048K4 | TTK060K4 |
| Electrical Data | Power Supply | V/ph/Hz | 200-240/1/60 | | 200-240/1/60 | 200-240/1/60 | 200-240/1/60 | 460/3/60 | 460/3/60 | 460/3/60 | 460/3/60 |
| | MCA | A | 7.2 | 12.0 | 14.8 | 20.0 | 24.3 | 8.4 | 10.1 | 10.3 | 12.4 |
| 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 Units | | | | | | | | | | | |
| Expansion Device | | | | | | | Capillary Tube | | | | |
| Fan Motor | Type | | Permanent Split Capacitor | | | | | | | | |
| | RLA/LRA | A | 0.54/0.64 | 0.55/0.74 | 0.68/0.94 | 0.52x2/0.77x2 | 0.52x2/0.77x2 | 0.52x2/0.77x2 | 0.74x2/1.14x2 | 0.7x2/1.1x2 | 0.7x2/1.1x2 |
| Control Type | Wireless Remote Control | | • | | | | | • | | | • |
| | Digital Wired Control | | | | | • | | | • | • | |
| Features | 3 Minutes Timer Delay | | | | | | | | | | • |
| | Auto Sweep | | • | | • | | | • | | | |
| | Front Blade | | | • | P 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | • | • | | | |
| | Louver Function (R) | | | • | • | | • | • | - | | |
| | Dry Mode | | | | • | | | | | | • |
| | Sleep Mode | | • | | | | | | | | |
| | Econo Mode | | | | | | | | | • | • |
| | Powercool Mode (R) | | | | • | | | | | • | • |
| | Turbo Mode (W) | | | • | • | | | • | | | |
| | Fan Speed | | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto | 3 + Auto |
| | Temperature Setting | oC . | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 | 15 - 30 |
| | Programmable Timer | Hrs | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Accessories | Drain Pump | | Option | Option | Option | Option | Option | Option | Option | Option | Option |
| Installed Position | Ceiling | | | • | | • | | | | • | • |
| | Low Wall | | | | • | • | | • | • | | • |
| | Floor | | | • | | | | | | - | |
| Dimensions | Height | mm | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 | 620 |
| | Width | mm | 1,082 | 1,082 | 1,332 | 1,582 | 1,582 | 1,582 | 1,832 | 1,832 | 2,082 |
| | Depth | mm | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 |
| Weight | Uncrated | kg | 30 | 30 | 35 | 46 | 47 | 47 | 59 | 61 | 70 |
| Outdoor Units | | | | | | | | | | | |
| Compressor | Type | | Rotary | | | S | | | croll | | |
| | RLA/LRA | A | 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 | Α | 0.66/0.80 | 1.25/1.53 | 1.25/1.53 | 1.25/1.53 | 1.25/1.53 | 1.25/1.53 | 1.25/1.53 | 0.66x2/0.8x2 | 0.66x2/0.8x2 |
| Dimensions | Height | mm | 531 | 692 | 692 | 692 | 795 | 795 | 795 | 1,254 | 1,254 |
| | Width | mm | 700 | 830 | 830 | 830 | 1,018 | 1,018 | 1,018 | 988 | 988 |
| | Depth | mm | 250 | 330 | 330 | 330 | 360 | 360 | 360 | 350 | 350 |
| Weight | Uncrated | kq | 36 | 44 | 43 | 61 | 82 | 79 | 82 | 84 | 92 |
| Piping Connection Type | | | Flare Type Sweat Type | | | | | | | | |
| Refrigerant Pipe Size | Liquid | in | 1/4 | 1/4 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| Kenigeranic ripe Size | Suction | in | 1/2 | 1/2 | 5/8 | 5/8 | 3/4 | 3/4 | 7/8 | 1 1/8 | 1 1/8 |
| Refrigerant / Charge | OMULION. | kg | R22/1.2 | R22/1.8 | R22/2.0 | R22/3.0 | R22/3.4 | R22/3.4 | R22/3.7 | R22/4.7 | R22/5.2 |
| runguaner Glarge | | I Ng | 14211.2 | 14221.0 | 11272.0 | 1123.0 | 10/04 | 14270.4 | 14220.7 | 1,41,71 | , LLLIOIL |

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Trane www.trane.com

For more information, contact your local district office

| Literature Order Number: | MS-SLB022-EN | |
|--------------------------|-------------------|--|
| Date: | Jul 2007 | |
| Supersedes: | New | |
| 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.