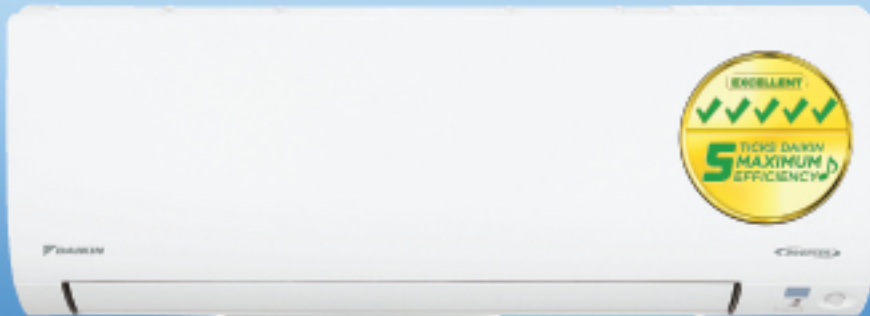




Perfecting the Air

Cooling Only 50Hz

**R-410A**



**i5Smile**  
SERIES

**SMART CONTROL  
FOR EVERYONE**

Activate  
anytime anywhere



5 TICKS  
ENERGY SAVINGS



SUPERB AIR  
QUALITY



BUILT-IN SMART  
CONTROL



SMART HOME  
UPGRADABLE



STRONGEST COOLING  
& QUIETEST\*

\*Applicable to different models

WITH  
MORE THAN

90

YEARS OF  
EXPERIENCE



Perfecting the Air

since its inception, Daikin is renowned as the true creator in global air conditioning industry through relentless innovation in technology and product design.

Continuing its legacy as the leader in air conditioning, Daikin remains committed to refining next generation of cooling solution and taking the air conditioning beyond its previous limitations.

5

REASONS TO

5*Smile*  
SERIES

WITH DAIKIN



\*\*Truste Brand Gold Award Winner since 2002



1

**BRAND FOR ALL COOLING SOLUTIONS**

widest range of air conditioners across the globe

1

**MULTI-AWARD WINNER**

& Well Trusted Brand\*\*

1

dedicated team to offer customers with  
**HIGH QUALITY AFTER SALES SERVICE**

1<sup>st</sup>

**HDB MULTI ROOM**

air conditioning system\*

1

& only Japanese company  
**SPECIALIZING IN AIR CONDITIONING**



©D.H.T., 2000

# WHY DAIKIN?

AIR-CONDITIONING  
SPECIALIST



SALES  
AMOUNT TO  
**\$17**  
BILLION

**\$300**  
MILLION  
R&D INVESTMENT

UNLOCKING  
HUMAN POTENTIAL  
PEOPLE-CENTERED  
MANAGEMENT



OVER  
**90**

WORLDWIDE  
PRODUCTION BASES



**3** CORE  
TECHNOLOGIES

HEAT PUMP  
INVERTER  
REFRIGERANT



**50%**  
LOCAL HIRES



FOUNDED IN  
**1924**



SOLD IN OVER  
**150**  
COUNTRIES



# iSmile SERIES

## SMART CONTROL FOR EVERYONE

Activate  
anytime anywhere



5 TICKS  
ENERGY SAVINGS



SUPERB AIR  
QUALITY



BUILT-IN SMART  
CONTROL



SMART HOME  
UPGRADABLE



STRONGEST COOLING  
& QUIETEST\*



\*Applicable to different models

PAGE 5

## BUILT-IN SMART CONTROL

Built-in with smarter, more convenient, more energy saving functions & controls to cool your home in style



PAGE 8

## SUPERB AIR QUALITY PM 2.5 FILTER

Quality of indoor air can be improved significantly and helps to keep home cleaner and healthier, improving the quality of sleep.



PAGE 9

## UPGRADABLE TO D'Smarthome (OPTIONAL)

With a smart home system, the electronic devices and appliances can be connected to communicate with each other.



PAGE 10

## STRONGEST\* COOLING & QUIETEST at 19 dB(A)

With the strong cooling capacity\*, Daikin iSMILE series requires only a single outdoor unit to maintain comfort up to 5 rooms. Enjoy a full quiet relaxation with a sound level of only 19db(A)



PAGE 11

## SUPERIOR 5 TICKS COOLS UP TO 5 ROOMS

Recognized as the highest energy efficiency rating of 5 Ticks, Daikin iSMILE series offers the most energy savings for your comfort & wallet



# Built in WIRELESS LAN ADAPTOR



The Wireless LAN Connecting Adaptor (\*BRP072C42) is installed inside the indoor unit.





Built-In

# DAIKIN SMARTPHONE CONTROL

Control your air conditioner from everywhere via smartphone



## Weekly schedule\*

The weekly timer allows up to 6 actions to be programmed for each day of the week. **You can schedule not only the ON/OFF operation but also set the temperatures.** Once the weekly timer is set up, the air conditioner operates each day without remote controller input.

- Start/stop operation
- Show outdoor temperature
- Show/set room temperature
- Child lock
- Error notification
- Set airflow direction
- Set fan speed
- Password setting
- Set operation mode: Auto/Cool/Heat/Fan/Dry



## HOW TO ACTIVATE DAIKIN iSMILE WiFi FUNCTION?

Visit <http://www.daikin.com.sg/wifi-setup> on how to activate Daikin iSmile WiFi function.



# MORE CONVENIENCES WITH DAIKIN MOBILE CONTROLLER

NO MORE WORRIES!  
WHEREVER,WHENEVER...  
YOUR AIR CONDITIONERS  
CAN BE CONTROLLED!



## HOW DOES DAIKIN MOBILE CONTROLLER WORK?



- Adjust the air conditioner using the Daikin Mobile Controller application
- The Wifi Router receives data from your phone and sends it to the receiver.
- The receiver receives data and controls home comfort from wherever you are.



# COMMUNICATING WITH YOUR HOME

## D'SmartHome

Smart home technology promises to provide your living with an enhanced lifestyle of comfort, convenience, home ecosystems and security. With a smart home system, a variety of electronic devices and appliances can be connected to communicate with each other as well as with you.

Whether you're at work or on vacation, you can seamlessly control your air-conditioners, air purifier, lightings and even security systems from your smartphone.

## MAKING YOUR HOME SMARTER



COMFORT



ENERGY



SECURITY



LIFESTYLE

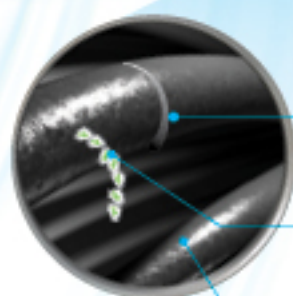


# SUPERB AIR QUALITY PM 2.5 FILTER

## WHAT IS PM 2.5?

### PM stand for Particulate Matter

that smaller than 2.5 micron. (mixture of solid particles and liquid) droplets found in the air)



Human hair  
50-70  $\mu\text{m}$



Dust, pollen, mold  
< 10  $\mu\text{m}$



Combustion, particles,  
organic compounds,  
metals, etc.  
< 2.5  $\mu\text{m}$



## HEALTH EFFECTS OF PM 2.5 PARTICLES

- Small enough to be breathed deep into the lungs.
- Children, people over 65, pregnant women are highly sensitive.



## IN PURSUIT OF BETTER AIR THROUGH TECHNOLOGIES OF AIR CONDITIONING AND FILTER

With the prevalence of air contaminants such as PM2.5, bacteria, viruses, and allergens, air environments are having significant impacts on people's health, and society looks to technology to improve indoor and outdoor air environments. People spend more than 90% of their time indoor, the risks to health increased due to exposure to air pollution indoors.

We believe that it will become increasingly important to develop technologies that improve indoor air environments by removing pollutants, preventing their emission, blocking out polluted air.

With the newly added Dust collection PM2.5 Filter in this ismile series, quality of indoor air can be improved significantly and helps to keep home cleaner and healthier, improving the quality of sleep.

### Notes:

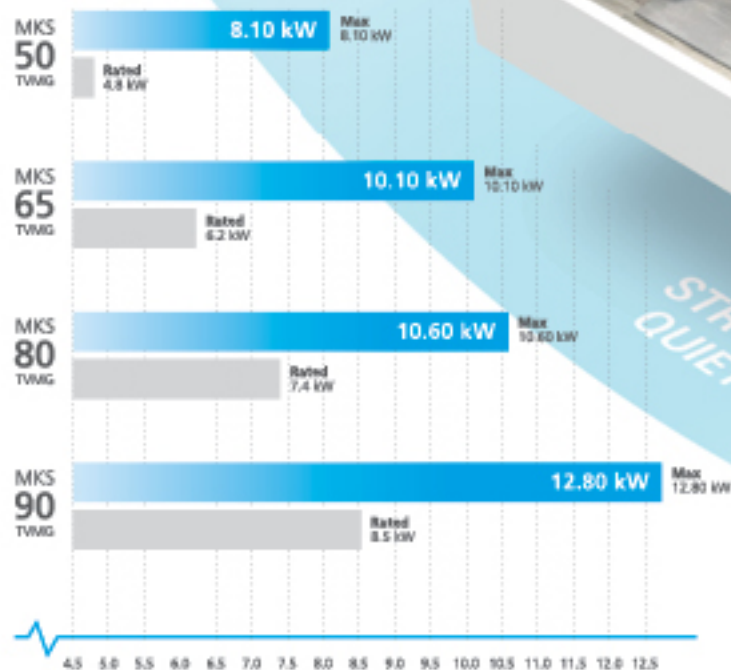
- This filter collects particles as small as 2.5 microns passing through the filter.
- The effectiveness of this filter depends on room conditions and the usage of air conditioner.
- This filter is not a medical device and doesn't have certification.
- This filter cannot be cleaned and recommended to be replaced every 6 months.

# STRONGEST COOLING & MORE SAVING

EVEN IN STANDBY POWER MODE WITH 5 TICKS IN FULL LINE UP

## STRONGEST COOLING CAPACITY

Daikin iSmile series can pull out very high capacity.



STRONGEST COOLING & QUIETEST AT 19 dB(A)

## QUIETEST AT 19 dB(A)

iSmile series of CTKS25TVMG offer whisper-quiet performance down to 19dB(A)\* to further to your sense of comfort.

\*Applicable for selected models only.



# 5 ticks with MORE Benefits

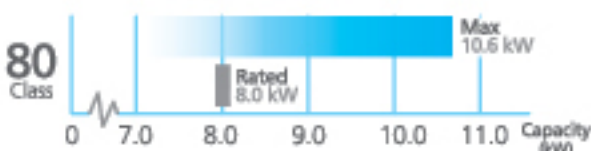
Daikin iSmile series are energy efficient which acquired 5 Ticks in full line up. Furthermore they have the strongest cooling capacity that can quickly cool every corner of the room. It ensures that you can enjoy energy saving and optimal comfort.



iSmile  
for

## SUPERIOR PERFORMANCE

The inverter changes the frequency of electric power, enabling capacity adjustment. **The 8.0kW class can provide superior performance up to 10.60kW.**



## EXCELLENT COMFORT WITH INVERTER TECHNOLOGY

More **Savings & Comfort** with technology that manages energy efficiency.

# INVERTER

### How it works?



**INVERTER COMPRESSOR**  
Stable cooling temperature  
& energy saving

Our inverter system powers up to reach the desired temperature quickly. When approaching the desired temperature, the system maintains at a constant temperature without wasting energy, offering significant energy savings.

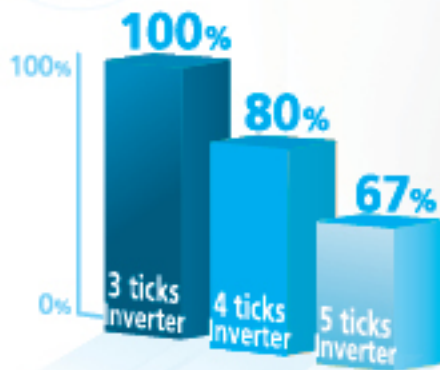


**NON-INVERTER COMPRESSOR**  
Unstable cooling temperature  
& Energy Wastage from  
restarting compressor

The non-inverter system continually starts and stops to maintain at the preset temperature. The repeated start-and-stop operation requires excess energy to restart the motor, resulting in energy wastage.



## MUCH LOWER ANNUAL ELECTRICAL BILLS



5 ticks  
**33%**  
savings\*

APPROX MORE THAN  
**\$300 a year**



## MORE SAVINGS EVEN IN STANDBY POWER MODE

Even when an air conditioner is not operating, it requires standby power. With low standby power, Daikin SMILE series provides you with more savings.

## SUPERIOR 5 TICKS COOLS UP FROM 3 TO 5 ROOMS



**MKS50TVMG**

UP TO **3** INDOOR  
UNITS



**MKS65TVMG**

UP TO **4** INDOOR  
UNITS



**MKS80TVMG**

UP TO **4** INDOOR  
UNITS



**MKS90TVMG**

UP TO **5** INDOOR  
UNITS



Simple yet stylish indoor unit designed to blend gracefully with any interior layout of your home.

STYLISH & COMPACT

*Design*



#### WITH THE COMPACT SIZE,

you can install our indoor units above the door at your home to solve space constraint as well as compliment your interior layout.\*

\*This compact size available from 2.5 kW to 5.0 kW



283 mm

770 mm

#### EASY INSTALLATION

Designed with your needs in mind, our compact outdoor unit allows easy installation through a narrow window or limited space.



BEST FOR NARROW WINDOW

LOWEST HEIGHT

695 mm

930 mm

## Super Convenience

**Bedroom**  
Monday to Friday

Program 1: **11.30 p.m.**  
**On 23°C**

Program 2: **3.00 a.m.**  
**Off**

Program 3: **6.30 a.m.**  
**On 23°C**

Program 4: **8.00 a.m.**  
**Off**



## Super Savings



### Weekly Timer

Besides ON/OFF operation, our weekly timer enables you to schedule settings for day, time and temperature. You can customize your desired temperature at different timings of each day of the week, up to 4 timer settings.\*



**24 Hour On/Off**

OFF 1:00  
ON 6:00

Off timer at 1:00 a.m. and On timer at 6:00 a.m.

\* 6 timer settings a day if via "Daikin Mobile Controller".  
(page 16)

### Energy saving with Intelligent Eye Sensor



Infrared sensors will detect movement in your room and adjust the airflow direction to ensure excellent cooling comfort.

This function is designed with 2 air-flow programs for greater comfort.



**Sensor mode**



When there is no movement for 20 minutes, the set temperature automatically adjust 2°C higher.

When someone is back to the room, the air conditioner returns to the set temperature.

**NEW! Comfort mode**

This mode is providing a comfortable air flow that will not come in direct contact with people.



 Combination of Comfort mode & Intelligent eye

## Super Comfort



### 3-D airflow

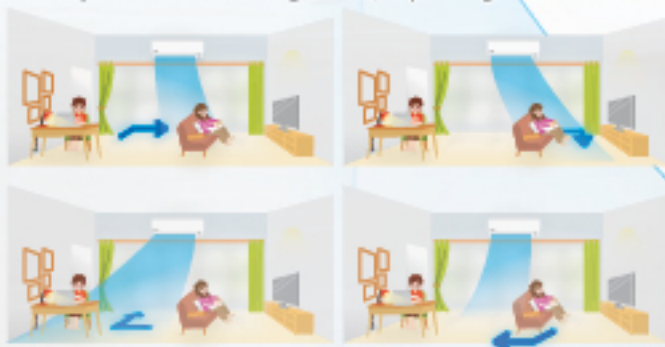
NEW!

The Daikin 3-D Airflow function combines vertical and horizontal auto-swing to distribute air evenly to the corners of the room, spreading comfort more widely throughout the room.



#### How 3D airflow works?

The flaps and louvers swing in turn, expanding the comfort zone





# WIRELESS REMOTE CONTROLLER OVERVIEW

Beside ON/OFF operation, our weekly timer enables you to schedule setting for day, time and temperature. You can customize your desired temperature at the different time of each day of the week up to 4 timer settings.\*

\*6 timer settings a day if via "Daikin Mobile Controller"



## ARC466A19

### FREQUENTLY USE

- 1 On/Off Switch
- 2 Select Fan Speed
- 3 Auto Fan Speed
- 4 Indoor Unit Quiet Operation
- 5 Inverter Powerful Mode
- 6 Sets Room Temperature
- 7 Select Mode (Cooling / Dry / Fan Only)
- 8 • Econo Mode
- 9 • Outdoor Unit Quiet Operation
- 10 Set Vertical Airflow
- 11 Set Horizontal Airflow
- 12 • Comfort Airflow Mode
- 13 • Intelligent Eye

### TIMER MODE

- 10 Weekly Timer Setting
- 11 Start & Confirm Setting
- 12 Copy Setting
- 13 Goes Back
- 14 Select Timer Option (Mode, Setting, Day, Time & Temperature)
- 15 Goes Next
- 16 24 Hour Off Timer
- 17 Night Set Mode
- 18 24 Hour On Timer
- 19 Cancels Timer
- 20 Sets Clock



©D.H.T.,2000

**ARC466A19**  
For  
CTKS25/35/50/60/71TVMG

## FOR DUCTED TYPE

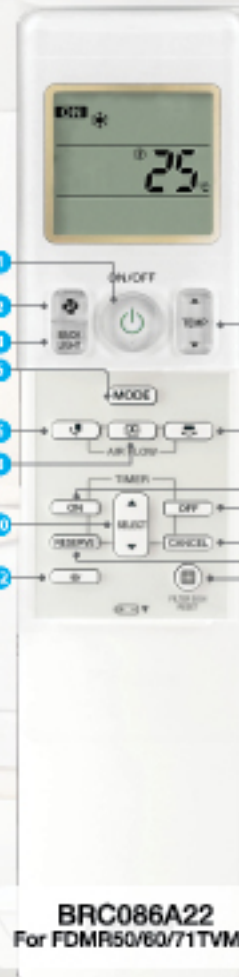
### BRC086A22

#### FREQUENTLY USE

- 1 On/Off Switch
- 2 Select Fan Speed
- 3 Auto Fan Speed
- 4 Indoor Unit Quiet Operation
- 5 On/Off Backlight
- 6 Sets Room Temperature
- 7 Select Mode (Cooling / Dry / Fan Only)
- 8 Set Vertical Airflow
- 9 Set Horizontal Airflow
- 10 Automatic Airflow Mode

#### TIMER MODE

- 9 On/Off Timer
- 10 Programming Timer (Start and/or Stop Time)
- 11 Reserves/Cancels Timer
- 12 Inspection Button (to be used by qualified service persons for maintenance purposed only)
- 13 Filter Sign Reset



**BRC086A22**  
For FDMR50/60/71TVMG

### ARC43B76

#### FREQUENTLY USE

- 1 On/Off Switch
- 2 Sets room temperature
- 3 Home Leave Operation
- 4 Inverter Powerful Operation
- 5 Select Fan Speed
- 6 Auto Fan Speed
- 7 Indoor Unit Quiet Operation
- 8 Select Mode (Cooling / Dry / Fan Only)
- 9 Outdoor Unit Quiet Operation

#### TIMER MODE

- 8 Start Timer Mode
- 9 Stop Timer Mode
- 10 Timer Setting
- 11 Cancel Setting
- 12 Clock Setting
- 13 Goes Next



**ARC43B76**  
For FDKS25/35EAVMB  
& FDKS25/35/50/60CAVMB

## COOLS UP TO 3 ROOMS

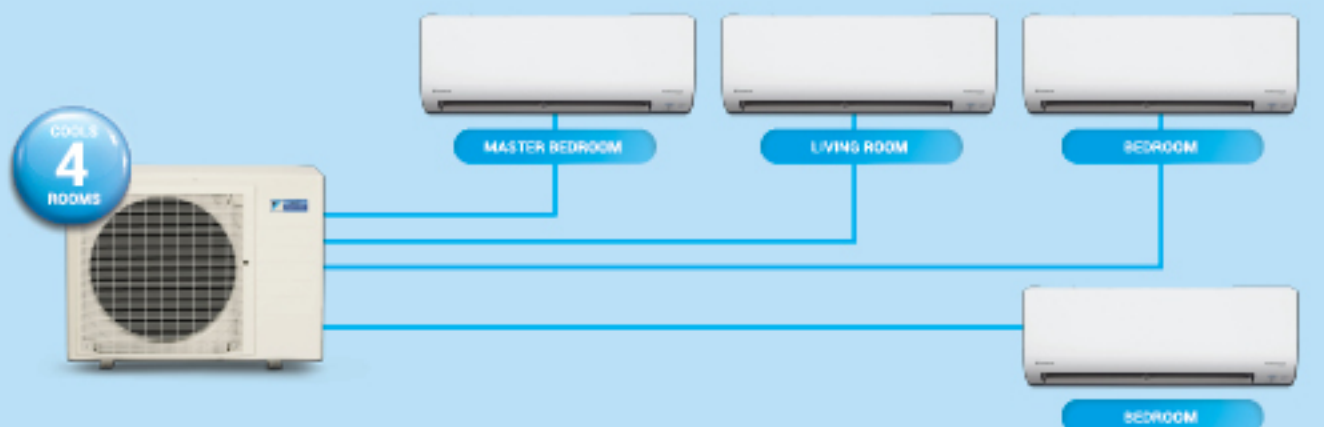
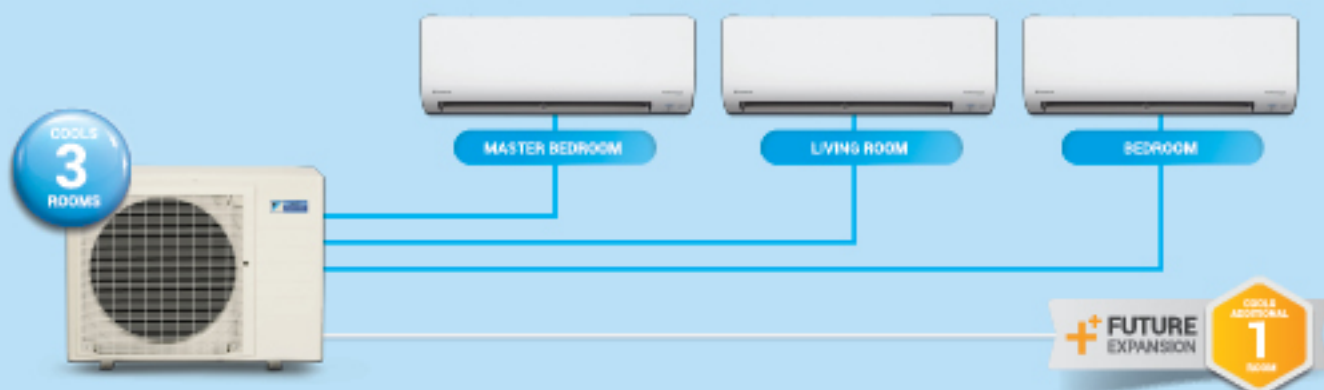
MKS50TVMG 16,400 btu/hr (up to max of 26,700 btu/hr)



## COOLS UP TO 4 ROOMS

MKS65TVMG 21,200 btu/hr (up to max of 34,500 btu/hr)

MKS80TVMG 25,200 btu/hr (up to max of 36,200 btu/hr)



## DAIKIN INVERTER MULTI-SPLIT 5 TICKS

# FLEXIBLE COMBINATIONS- ANSWERS TO EVERY NEED

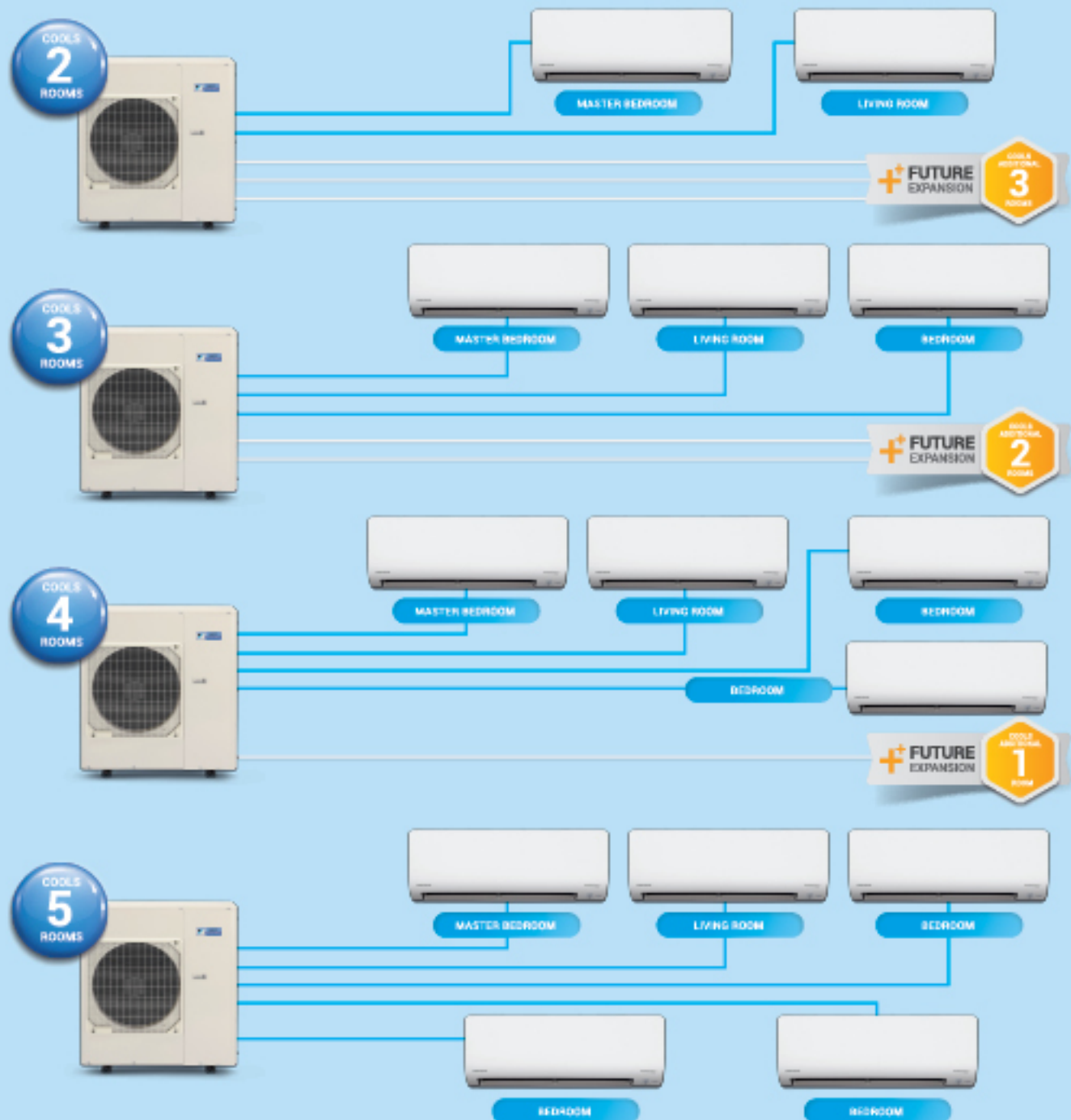
\*IDU = Indoor Unit

With wide range of Daikin iSMILE series, you can select any outdoor unit that is suitable for your need.

MODEL	1 IDU*	2 IDU*	3 IDU*	4 IDU*	5 IDU*
MKS50TVMG	✓	✓	✓		
MKS65TVMG	✓	✓	✓	✓	
MKS80TVMG	✓	✓	✓	✓	
MKS90TVMG	✓	✓	✓	✓	✓

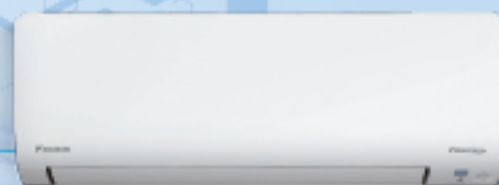
### COOLS UP TO 5 ROOMS

**MKS90TVMG** 29,000 btu/hr (up to max of 43,700 btu/hr)



## INVERTER SERIES INDOOR UNIT WALL MOUNTED TYPE

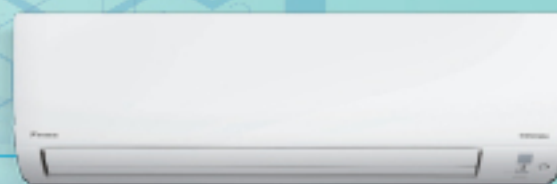
### CTKS25/35/50TVMG



CAPACITY CLASS		25	35	50
Model name	Cooling Only	CTKS25TVMG	CTKS35TVMG	CTKS50TVMG
Cooling Capacity	Btu/h	8530	11,940	17,060
	kW	2.5	3.5	5.0
Power Supply		1 Phase, 220-240V, 50Hz / 220-230V 60Hz		
Front Panel Color		White		
Dimension (HxWxD)	mm	283 x 770 x 223		
Weight	kg	8	8	9
Operation Sound (SL-H)	dB(A)	19 - 43	27 - 46	32 - 47
Piping Connection Gas/Liquid	mm	Ø9.5 / Ø6.4		Ø12.7 / Ø6.4
Air Flow Rate	m <sup>3</sup> /min (cfm)	10.8 (381)	11.8 (417)	12.0 (424)
Fan Speed		5 Steps, Quiet, Auto		
Air Direction Control		Right, Left, Horizontal, Downwards		
Air Filter		Mould Proof Air Filter / Dust Collection Filter (PM2.5)		
Built in Wireless LAN Connecting Adaptor		Daikin Mobile Controller (B8P072C42) with Remote Control PC Board set (B8P067A42)		
Wireless LAN Connecting Adaptor		IEEE802.11 b/g/n (2.4GHz), Output Power 0 dBm-18 dBm		

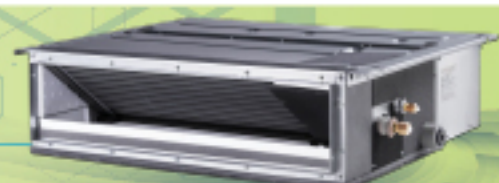
## INVERTER SERIES INDOOR UNIT WALL MOUNTED TYPE

### CTKS60/71TVMG



CAPACITY CLASS		60	71
Model name	Cooling Only	CTKS60TVMG	CTKS71TVMG
Cooling Capacity	Btu/h	20,470	24,200
	kW	6.0	7.1
Power Supply		1 Phase, 220-240V, 50Hz / 220-240V 60Hz	
Front Panel Color		White	
Dimension (HxWxD)	mm	295 x 990 x 263	
Weight	kg	13	13
Operation Sound (SL-H)	dB(A)	32 - 45	33 - 48
Piping Connection Gas/Liquid	mm	Ø12.7 / Ø6.4	Ø15.9 / Ø6.4
Air Flow Rate	m <sup>3</sup> /min (cfm)	18.4 (650)	20.8 (734)
Fan Speed		5 Steps, Quiet, Auto	
Air Direction Control		Right, Left, Horizontal, Downwards	
Air Filter		Mould Proof Air Filter / Dust Collection Filter (PM2.5)	
Built in Wireless LAN Connecting Adaptor		Daikin Mobile Controller (B8P072C42) with Remote Control PC Board set (B8P067A42)	
Wireless LAN Connecting Adaptor		IEEE802.11 b/g/n (2.4GHz), Output Power 0 dBm-18 dBm	

## INVERTER SERIES INDOOR UNIT DUCTED CONNECTED TYPE FDKS25/35EAVMB



CAPACITY CLASS		25	35
Model name		FDKS25EAVMB	FDKS35EAVMB
Cooling Capacity	Btu/h	8,530	11,940
	kW	2.5	3.5
Power Supply		1 Phase, 230V, 50Hz	
Dimension (HxWxD)	mm	200 x 700 x 620	
Weight	kg	21	
Operation Sound (SL-H)	dB(A)	29 - 35	
Piping Connection Gas/Liquid	mm	Ø 9.5 / Ø 6.4	
Air Flow Rate	m <sup>3</sup> /min (cfm)	8.7 (307)	
Fan Speed		5 Steps, Quiet, Auto	
External Static Pressure	Pa	30	
Optional		Daikin Mobile Controller (BRP072C42)	

## INVERTER SERIES INDOOR UNIT DUCTED CONNECTED TYPE FDKS25/35CAVMB | FDKS50/60CVMB



CAPACITY CLASS		25	35	50	60
Model name		FDKS25CAVMB	FDKS35CAVMB	FDKS50CVMB	FDKS60CVMB
Cooling Capacity	Btu/h	8,530	11,940	17,060	20,470
	kW	2.5	3.5	5.0	6.0
Power Supply		1 Phase, 230V, 50Hz		1 Phase, 220-240V, 50Hz	
Dimension (HxWxD)	mm	200 x 900 x 620			200 x 1,100 x 620
Weight	kg	25		27	30
Operation Sound (L-H)	dB(A)	29 - 35		31 - 37	32 - 38
Piping Connection Gas/Liquid	mm	Ø 9.5 / Ø 6.4		Ø 12.7 / Ø 6.4	
Air Flow Rate	m <sup>3</sup> /min (cfm)	9.5 (335)	10.0 (358)	12.0 (424)	16.0 (565)
Fan Speed		5 Steps, Quiet, Auto			
External Static Pressure	Pa	40			
Optional		Daikin Mobile Controller (BRP072C42)			

## INVERTER SERIES INDOOR UNIT DUCTED CONNECTED TYPE FDMR50/60/71TVMG



CAPACITY CLASS		50	60	71
Model name		FDMR50TVMG	FDMR60TVMG	FDMR71TVMG
Cooling Capacity	Btu/h	17,060	20,470	24,200
	kW	5.0	6.0	7.1
Power Supply		1 Phase, 220-240V, 50Hz / 220-230V 60Hz		
Dimension (HxWxD)	mm	245 x 1000 x 800		
Weight	kg	35	37	
Operation Sound (H)	dB(A)	34	35	40
Piping Connection Gas/Liquid	mm	Ø 12.7 / Ø 6.4		Ø 15.9 / Ø 6.4
Air Flow Rate	m <sup>3</sup> /min (cfm)	14.6 (516)	19.1 (675)	22.6 (798)
External Static Pressure	Pa	50 (50 - 150 : Changeable in 11 stages by remote controller)		

## INVERTER SERIES OUTDOOR UNIT

### MKS50/65/80TVMG



CAPACITY CLASS		50	65	80
Model Name		MKS50TVMG	MKS65TVMG	MKS80TVMG
NEA MELS Tick		5 Ticks	5 Ticks	5 Ticks
Compressor Type		Hermetically sealed swing type		
Cooling Rated (min-max)	kW	4.8 (1.90-8.1)	6.2 (1.95-10.1)	7.4 (1.95-10.6)
	Btu/h	16400 (6480 - 27630)	21200 (6650 - 34460)	25200 (6650 - 36160)
Sound Levels (L/H)	dB(A)	48 / 54		
Dimension (HxWxD)	mm	695 x 930 x 350		
Weight	kg	52		
Refrigerant		R410A		
Piping Length	Max length (m)	Total 50 Each room 30	Total 60 Each room 30	
	Max height (m)	Indoor to outdoor 15 Indoor to indoor 7.5		
Connected Piping	Gas (mm)	Ø9.5 x 1 Ø12.7 x 2	Ø9.5 x 2 Ø12.7 x 2	Ø9.5 x 1 Ø12.7 x 1 Ø15.9 x 2
	liquid (mm)	Ø6.4 x 3	Ø6.4 x 4	Ø6.4 x 4
Power Supply		1 Phase, 220-240V, 50Hz / 220-240V 60Hz		
Connection Port		3	4	

## INVERTER SERIES OUTDOOR UNIT

### MKS90TVMG



CAPACITY CLASS		90
Model Name		MKS90TVMG
NEA MELS Tick		5 Ticks
Compressor Type		Hermetically sealed swing type
Cooling Rated (min-max)	kW	8.5 (2.9-12.8)
	Btu/h	29000 (9890 - 43670)
Sound Levels (L/H)	dB(A)	47 / 53
Dimension (HxWxD)	mm	990 x 940 x 320
Weight	kg	83
Refrigerant		R410A
Piping Length	Max length (m)	Total 80 Each room 30
	Max height (m)	Indoor to outdoor 15 Indoor to indoor 7.5
Connected Piping	Gas (mm)	Ø9.5 x 2 Ø12.7 x 1 Ø15.9 x 2
	liquid (mm)	Ø6.4 x 5
Power Supply		1 Phase, 220-240V, 50Hz / 220-240V 60Hz
Connection Port		5

## COMFORTABLE AIRFLOW

**POWER AIRFLOW FLAP**

The Power-Airflow Flap flattens out during cooling operation to deliver cool air to the corners of a room.

**POWER AIRFLOW DUAL FLAPS**

The Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room.

**WIDE-ANGLE LOUVERS**

The Wide-Angle Louvers provide wide airflow coverage for effective operation no matter where the indoor unit is placed in a room.

**VERTICAL AUTO-SWING (UP AND DOWN)**

This function automatically moves the flaps up and down to distribute air across a room.

**HORIZONTAL AUTO-SWING (LEFT AND RIGHT)**

Horizontal Auto-Swing automatically moves the louvers to the left and right to cover a room with cool air.

**3-D AIRFLOW**

This function combines Vertical and Horizontal Auto-Swing to circulate a cloud of cool air right to the corners of even large spaces. The flaps and louvers swing in turn.

**COMFORT AIRFLOW MODE**

This function prevents uncomfortable drafts from blowing directly on to the body. To prevent drafts, the flap moves upward during cooling operation.

## LIFESTYLE CONVENIENCE

**INVERTER POWERFUL OPERATION**

This function boosts cooling performance for 20 minute period. It is convenient when the air conditioner is first turned on or it is necessary to change the room temperature quickly.

**PRIORITY ROOM SETTING**

This function assigns preferential air conditioning to the indoor unit in the priority room. The unit receives priority control over Inverter Powerful Operation, Outdoor Unit Quiet Operation can be set easily from the remote controller in the priority room.

**ECONO MODE**

This mode limits maximum power consumption. This improves operating efficiency and also prevents circuit breakers from being overloaded.

**INDOOR UNIT ON / OFF SWITCH**

The unit can be conveniently started by hand if the wireless remote controller is misplaced or its batteries are not charged.

**BUILT IN WIRELESS LAN CONNECTING ADAPTOR**

This wireless LAN adaptor is installed in the indoor unit. It effectively turns your smartphone into a remote controller that can be used inside or outside the home. Together they help to maintain control while saving energy, and eliminate any worries about forgetting to turn off your air conditioner.

**WIRELESS REMOTE CONTROLLER (BACKLIGHT)**

The backlit LCD allows easy operation in the dark.

## COMFORT CONTROL

**AUTO FAN SPEED**

The microprocessor automatically adjusts the fan speed to high to rapidly reach the set temperature. Once the temperature is achieved, this function reduces the fan speed to low.

**INDOOR UNIT QUIET OPERATION**

Indoor unit operating sound pressure level is decreased from the Low setting fan speed using the wireless remote controller.

**OUTDOOR UNIT QUIET OPERATION**

Outdoor unit operating sound pressure levels are decreased from the rated operation sound using the wireless remote controller.

**INTELLIGENT EYE**

Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement for 20 minutes, it adjusts the temperature by 2°C for energy savings.

**PROGRAMME DRY FUNCTION**

The computer chip works to rid the room of humidity while maintaining the most consistent temperature possible. It automatically controls the temperature and airflow rate.

## TIMER

**WEEKLY TIMER**

The Weekly Timer allows up to four actions to be programmed for each day of the week. It is possible to schedule not only the on and off times, but also the desired temperatures during these periods. The copy function also makes the setting much easier.

**COUNT UP-DOWN ON / OFF TIMER**

The operation start and stop times can be set with the touch of a single button and preset for a period of one to 12 hours in one hour increments. When the Off timer is set, Night Set Mode is activated automatically.

**24-HOUR ON / OFF TIMER**

This timer can start or stop the air conditioner within a 24-hour period. It can be preset in 10-minute steps by pressing the On/Off timer button on the wireless remote controller. The On timer and Off timer can be used in combination.

**NIGHT SET MODE**

Pressing the Off timer button automatically selects Night Set Mode. This function prevents excessive cooling or heating for a peaceful sleep. After 60 minutes, the room temperature is raised by 0.5°C for cooling operation.

## CLEANLINESS

**MOLD PROOF AIR FILTER**

The air filter is impregnated with a mold preventive. The substance stops any growth increase in number or activity by mould on the filter surface.

**DUST COLLECTION FILTER (PM 2.5)**

The filter collects particles as small as 2.5 microns.

**WIPE CLEAN FLAT PANEL**

The flat panel design can be cleaned with only the single pass of a cloth across its smooth surface. The flat panel can also be easily removed for more thorough cleaning.

**REMOVABLE DRAIN PAN**

The drain pan collects condensation from the indoor heat exchanger fins. Removable drain pans help to reduce the cleaning time and ensure a perfect finish.

**TITANIUM APATITE DEODORISING FILTER (OPTION)**

This filter contains titanium apatite. While the filter's micro-level fibres trap dust, the titanium apatite adsorbs odours and allergens, as well as deodorises odours. The filter can be used for up to three years with proper maintenance.

## WORRY FREE

**AUTO-RESTART (AFTER POWER FAILURE)**

The air conditioner remembers the settings for operation mode (cooling, dry and fan only), airflow, temperature, etc., and automatically returns to them when power is restored after a power failure.

**SELF-DIAGNOSIS WITH DIGITAL DISPLAY**

Malfunction codes are shown on the digital display panel of the wireless remote controller for fast and easy maintenance.

# FUNCTIONS FOR INDOOR UNIT



	FUNCTION	25	35	50	60	71
COMFORTABLE AIRFLOW	Power airflow flap	*	*	*		
	Power airflow dual flaps				*	*
	Wide-angle louvers	*	*	*	*	*
	Vertical auto-swing (up and down)	*	*	*	*	*
	Horizontal auto-swing (left and right)	*	*	*	*	*
	3-D airflow	*	*	*	*	*
	Comfort airflow mode	*	*	*	*	*
COMFORT CONTROL	Auto fan speed	*	*	*	*	*
	Indoor unit quiet operation	*	*	*	*	*
	Outdoor unit quiet operation	*	*	*	*	*
	Intelligent eye	*	*	*	*	*
	Programme dry function	*	*	*	*	*
LIFESTYLE CONVENIENCE	Inverter powerful operation	*	*	*	*	*
	Priority room setting	*	*	*	*	*
	Econo mode	*	*	*	*	*
	Indoor unit ON / OFF switch	*	*	*	*	*
	Built in Wireless LAN <b>NEW</b>	*	*	*	*	*
	Wireless remote controller (backlight) <b>NEW</b>	*	*	*	*	*
CLEANLINESS	Mold proof air filter	*	*	*	*	*
	Dust collection filter (PM 2.5) <b>NEW</b>	*	*	*	*	*
	Wipe clean flat panel	*	*	*	*	*
	Removable drain pan	*	*	*	*	*
	Titanium Apatite Deodorising Filter (option) <b>NEW</b>	*	*	*	*	*
TIMER	Weekly timer	*	*	*	*	*
	Count up-down ON / OFF timer	*	*	*	*	*
	24-Hour ON / OFF timer	*	*	*	*	*
	Night set mode	*	*	*	*	*
WORRY FREE	Auto-restart (after power failure)	*	*	*	*	*
	Self diagnosis with digital display	*	*	*	*	*





**FDKS25/35EAVMB**  
Ducted Connected Type

25 35 200 x 700 x 620 mm



**FDKS25/35CAVMB**  
**FDKS50/60CAVMB**  
Ducted Connected Type

25 35 50 200 x 900 x 620 mm 60 200 x 1,100 x 620 mm



**FDMR50/60/71 TVMG**  
Ducted Connected Type

50 60 71 245 x 1000 x 800 mm

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# COMBINATION CAPACITY



## OUTDOOR UNIT MKS50TVMG

Cooling [50Hz, 230V] [Input current without limit]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	---	---	---	3.84	---	---	---	2.50	1.71 - 3.84	0.55	0.31 - 1.07	2.6	1.5 - 5.1	91
3.5	3.50	---	---	---	3.86	---	---	---	3.50	1.71 - 3.86	0.92	0.31 - 1.07	4.4	1.5 - 5.1	91
5.0	4.80	---	---	---	5.07	---	---	---	4.80	1.71 - 5.07	1.74	0.31 - 2.09	8.3	1.5 - 10.0	91
2.5+2.5	2.40	2.40	---	---	3.25	3.25	---	---	4.80	1.81 - 6.50	1.19	0.30 - 2.11	5.7	1.4 - 10.1	91
2.5+3.5	2.00	2.80	---	---	2.83	3.97	---	---	4.80	1.82 - 6.80	1.19	0.30 - 2.33	5.7	1.4 - 11.1	91
2.5+5.0	1.60	3.20	---	---	2.28	4.56	---	---	4.80	1.82 - 6.84	1.16	0.30 - 2.33	5.5	1.4 - 11.1	91
3.5+3.5	2.40	2.40	---	---	3.42	3.42	---	---	4.80	1.82 - 6.84	1.16	0.30 - 2.33	5.5	1.4 - 11.1	91
3.5+5.0	1.98	2.82	---	---	2.83	4.04	---	---	4.80	1.82 - 6.87	1.16	0.30 - 2.33	5.5	1.4 - 11.1	91
2.5+2.5+2.5	1.60	1.60	1.60	---	2.68	2.68	2.68	---	4.80	1.89 - 8.05	0.98	0.29 - 2.35	4.7	1.4 - 11.2	91
2.5+2.5+3.5	1.41	1.41	1.98	---	2.37	2.37	3.33	---	4.80	1.90 - 8.07	0.98	0.29 - 2.35	4.7	1.4 - 11.2	91
2.5+3.5+3.5	1.26	1.77	1.77	---	2.14	2.98	2.98	---	4.80	1.90 - 8.10	0.98	0.29 - 2.35	4.7	1.4 - 11.2	91

## OUTDOOR UNIT MKS50TVMG

Cooling [50Hz, 230V] [Input current limit : 8.5A]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	---	---	---	3.84	---	---	---	2.50	1.71 - 3.84	0.55	0.31 - 1.07	2.6	1.5 - 5.1	91
3.5	3.50	---	---	---	3.86	---	---	---	3.50	1.71 - 3.86	0.92	0.31 - 1.07	4.4	1.5 - 5.1	91
5.0	4.80	---	---	---	4.85	---	---	---	4.80	1.71 - 4.85	1.74	0.31 - 1.78	8.3	1.5 - 8.5	91
2.5+2.5	2.40	2.40	---	---	2.99	2.99	---	---	4.80	1.81 - 5.97	1.19	0.30 - 1.75	5.7	1.4 - 8.4	91
2.5+3.5	2.00	2.80	---	---	2.50	3.50	---	---	4.80	1.82 - 6.00	1.19	0.30 - 1.75	5.7	1.4 - 8.4	91
2.5+5.0	1.60	3.20	---	---	2.01	4.01	---	---	4.80	1.82 - 6.02	1.16	0.30 - 1.75	5.5	1.4 - 8.4	91
3.5+3.5	2.40	2.40	---	---	3.01	3.01	---	---	4.80	1.82 - 6.02	1.16	0.30 - 1.75	5.5	1.4 - 8.4	91
3.5+5.0	1.98	2.82	---	---	2.49	3.56	---	---	4.80	1.82 - 6.05	1.16	0.30 - 1.75	5.5	1.4 - 8.4	91
2.5+2.5+2.5	1.60	1.60	1.60	---	2.30	2.30	2.30	---	4.80	1.89 - 6.91	0.98	0.29 - 1.76	4.7	1.4 - 8.4	91
2.5+2.5+3.5	1.41	1.41	1.98	---	2.04	2.04	2.85	---	4.80	1.90 - 6.93	0.98	0.29 - 1.76	4.7	1.4 - 8.4	91
2.5+3.5+3.5	1.26	1.77	1.77	---	1.83	2.56	2.56	---	4.80	1.90 - 6.95	0.98	0.29 - 1.76	4.7	1.4 - 8.4	91

### Note:

1. Cooling capacity is based on 27°C DB / 19°C WB (indoor temperature), 35°C DB (outdoor temperature).
2. The total ability of connected indoor unit is up to 9.5kW.
3. It is possible to connect the indoor unit for one room only.

## OUTDOOR UNIT MKS50TVMG

Cooling [50Hz, 230V] [Input current limit : 11.0A]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total Input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	---	---	---	3.84	---	---	---	2.50	1.71 - 3.84	0.55	0.31 - 1.07	2.6	1.5 - 5.1	91
3.5	3.50	---	---	---	3.86	---	---	---	3.50	1.71 - 3.86	0.92	0.31 - 1.07	4.4	1.5 - 5.1	91
5.0	4.80	---	---	---	5.07	---	---	---	4.80	1.71 - 5.07	1.74	0.31 - 2.09	8.3	1.5 - 10.0	91
2.5+2.5	2.40	2.40	---	---	3.25	3.25	---	---	4.80	1.81 - 6.50	1.19	0.30 - 2.11	5.7	1.4 - 10.1	91
2.5+3.5	2.00	2.80	---	---	2.82	3.94	---	---	4.80	1.82 - 6.76	1.19	0.30 - 2.29	5.7	1.4 - 10.9	91
2.5+5.0	1.60	3.20	---	---	2.27	4.53	---	---	4.80	1.82 - 6.80	1.16	0.30 - 2.29	5.5	1.4 - 10.9	91
3.5+3.5	2.40	2.40	---	---	3.40	3.40	---	---	4.80	1.82 - 6.79	1.16	0.30 - 2.29	5.5	1.4 - 10.9	91
3.5+5.0	1.98	2.82	---	---	2.81	4.02	---	---	4.80	1.82 - 6.83	1.16	0.30 - 2.29	5.5	1.4 - 10.9	91
2.5+2.5+2.5	1.60	1.60	1.60	---	2.66	2.66	2.66	---	4.80	1.89 - 7.98	0.98	0.29 - 2.31	4.7	1.4 - 11.0	91
2.5+2.5+3.5	1.41	1.41	1.98	---	2.36	2.36	3.29	---	4.80	1.90 - 8.01	0.98	0.29 - 2.31	4.7	1.4 - 11.0	91
2.5+3.5+3.5	1.26	1.77	1.77	---	2.11	2.96	2.96	---	4.80	1.90 - 8.03	0.98	0.29 - 2.31	4.7	1.4 - 11.0	91

## OUTDOOR UNIT MKS65TVMG

Cooling [50Hz, 230V] [Input current without limit]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total Input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	---	---	---	3.91	---	---	---	2.50	1.71 - 3.91	0.55	0.31 - 1.07	2.5	1.4 - 4.8	96
3.5	3.50	---	---	---	3.92	---	---	---	3.50	1.71 - 3.92	0.92	0.31 - 1.07	4.2	1.4 - 4.8	96
5.0	5.00	---	---	---	5.16	---	---	---	5.00	1.71 - 5.16	1.84	0.31 - 2.09	8.3	1.4 - 9.5	96
6.0	6.00	---	---	---	7.72	---	---	---	6.00	1.83 - 7.72	1.65	0.30 - 2.81	7.5	1.4 - 12.7	96
2.5+2.5	2.50	2.50	---	---	3.30	3.30	---	---	5.00	1.81 - 6.60	1.27	0.30 - 2.11	5.8	1.4 - 9.6	96
2.5+3.5	2.50	3.50	---	---	3.08	4.30	---	---	6.00	1.82 - 7.38	1.78	0.30 - 2.81	8.1	1.4 - 12.7	96
2.5+5.0	2.00	4.00	---	---	2.48	4.95	---	---	6.00	1.82 - 7.43	1.75	0.30 - 2.81	7.9	1.4 - 12.7	96
2.5+6.0	1.82	4.38	---	---	2.71	6.49	---	---	6.20	1.91 - 9.20	1.43	0.29 - 2.85	6.5	1.3 - 12.9	96
3.5+3.5	3.00	3.00	---	---	3.71	3.71	---	---	6.00	1.82 - 7.42	1.75	0.30 - 2.81	7.9	1.4 - 12.7	96
3.5+5.0	2.47	3.53	---	---	3.08	4.39	---	---	6.00	1.82 - 7.47	1.75	0.30 - 2.81	7.9	1.4 - 12.7	96
3.5+6.0	2.28	3.92	---	---	3.40	5.82	---	---	6.20	1.91 - 9.22	1.43	0.29 - 2.85	6.5	1.3 - 12.9	96
5.0+5.0	3.00	3.00	---	---	3.76	3.76	---	---	6.00	1.82 - 7.52	1.72	0.30 - 2.81	7.8	1.4 - 12.7	96
5.0+6.0	2.82	3.38	---	---	4.21	5.05	---	---	6.20	1.91 - 9.26	1.40	0.29 - 2.85	6.3	1.3 - 12.9	96
6.0+6.0	3.10	3.10	---	---	4.95	4.95	---	---	6.20	1.96 - 9.90	1.24	0.27 - 2.67	5.6	1.2 - 12.1	96
2.5+2.5+2.5	2.00	2.00	2.00	---	2.98	2.98	2.98	---	6.00	1.89 - 8.93	1.40	0.29 - 2.84	6.3	1.3 - 12.9	96
2.5+2.5+3.5	1.76	1.76	2.47	---	2.64	2.64	3.68	---	6.00	1.90 - 8.96	1.40	0.29 - 2.84	6.3	1.3 - 12.9	96
2.5+2.5+5.0	1.50	1.50	3.00	---	2.25	2.25	4.49	---	6.00	1.90 - 8.99	1.40	0.29 - 2.84	6.3	1.3 - 12.9	96
2.5+2.5+6.0	1.41	1.41	3.38	---	2.26	2.26	5.41	---	6.20	1.95 - 9.93	1.27	0.28 - 2.75	5.8	1.3 - 12.5	96
2.5+3.5+3.5	1.58	2.21	2.21	---	2.37	3.31	3.31	---	6.00	1.90 - 8.99	1.40	0.29 - 2.84	6.3	1.3 - 12.9	96
2.5+3.5+5.0	1.36	1.91	2.73	---	2.05	2.87	4.10	---	6.00	1.90 - 9.02	1.37	0.29 - 2.84	6.2	1.3 - 12.9	96
2.5+3.5+6.0	1.29	1.81	3.10	---	2.07	2.90	4.97	---	6.20	1.95 - 9.94	1.27	0.27 - 2.75	5.8	1.2 - 12.5	96
3.5+3.5+3.5	2.00	2.00	2.00	---	3.01	3.01	3.01	---	6.00	1.90 - 9.02	1.37	0.29 - 2.84	6.2	1.3 - 12.9	96
3.5+3.5+5.0	1.75	1.75	2.50	---	2.64	2.64	3.77	---	6.00	1.90 - 9.05	1.37	0.29 - 2.84	6.2	1.3 - 12.9	96
2.5+2.5+2.5+2.5	1.55	1.55	1.55	1.55	2.50	2.50	2.50	2.50	6.20	1.95 - 10.00	1.27	0.28 - 2.87	5.8	1.3 - 13.0	96
2.5+2.5+2.5+3.5	1.41	1.41	1.41	1.97	2.28	2.28	2.28	3.17	6.20	1.95 - 10.01	1.27	0.28 - 2.87	5.8	1.3 - 13.0	96
2.5+2.5+3.5+3.5	1.29	1.29	1.81	1.81	2.10	2.10	2.95	2.95	6.20	1.95 - 10.10	1.27	0.28 - 2.87	5.8	1.3 - 13.0	96

### Note

- Cooling capacity is based on 27°C DB / 19°C WB (indoor temperature), 35°C DB (outdoor temperature)
- The total ability of connected an indoor unit is up to 9.5kW
- It is possible to connect the indoor unit for one room only.

## OUTDOOR UNIT MKS65TVMG

Cooling [50Hz, 230V][Input current limit : 8.5A]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kVA)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	—	—	—	3.91	—	—	—	2.50	1.71 - 3.91	0.55	0.31 - 1.07	2.5	1.4 - 4.8	96
3.5	3.50	—	—	—	3.92	—	—	—	3.50	1.71 - 3.92	0.92	0.31 - 1.07	4.2	1.4 - 4.8	96
5.0	5.00	—	—	—	5.02	—	—	—	5.00	1.71 - 5.02	1.04	0.31 - 1.08	8.3	1.4 - 8.5	96
6.0	6.00	—	—	—	6.48	—	—	—	6.00	1.83 - 6.48	1.65	0.30 - 1.06	7.5	1.4 - 8.4	96
2.5+2.5	2.50	2.50	—	—	3.12	3.12	—	—	5.00	1.81 - 6.24	1.27	0.30 - 1.06	5.8	1.4 - 8.4	96
2.5+3.5	2.50	3.50	—	—	2.61	3.65	—	—	6.00	1.82 - 6.26	1.70	0.30 - 1.06	8.1	1.4 - 8.4	96
2.5+5.0	2.00	4.00	—	—	2.10	4.19	—	—	6.00	1.82 - 6.29	1.75	0.30 - 1.06	7.9	1.4 - 8.4	96
2.5+6.0	1.82	4.38	—	—	2.19	5.24	—	—	6.20	1.91 - 7.43	1.43	0.29 - 1.07	6.5	1.3 - 8.5	96
3.5+3.5	3.00	3.00	—	—	3.15	3.15	—	—	6.00	1.82 - 6.29	1.75	0.30 - 1.06	7.9	1.4 - 8.4	96
3.5+5.0	2.47	3.53	—	—	2.60	3.72	—	—	6.00	1.82 - 6.32	1.75	0.30 - 1.06	7.9	1.4 - 8.4	96
3.5+6.0	2.28	3.92	—	—	2.74	4.71	—	—	6.20	1.91 - 7.45	1.43	0.29 - 1.07	6.5	1.3 - 8.5	96
5.0+5.0	3.00	3.00	—	—	3.18	3.18	—	—	6.00	1.82 - 6.35	1.72	0.30 - 1.06	7.8	1.4 - 8.4	96
5.0+6.0	2.82	3.38	—	—	3.40	4.07	—	—	6.20	1.91 - 7.47	1.40	0.29 - 1.07	6.3	1.3 - 8.5	96
6.0+6.0	3.10	3.10	—	—	4.09	4.09	—	—	6.20	1.96 - 8.17	1.24	0.27 - 1.08	5.6	1.2 - 8.5	96
2.5+2.5+2.5	2.00	2.00	2.00	—	2.42	2.42	2.42	—	6.00	1.89 - 7.25	1.40	0.29 - 1.06	6.3	1.3 - 8.4	96
2.5+2.5+3.5	1.76	1.76	2.47	—	2.14	2.14	2.99	—	6.00	1.90 - 7.27	1.40	0.29 - 1.07	6.3	1.3 - 8.5	96
2.5+2.5+5.0	1.50	1.50	3.00	—	1.82	1.82	3.65	—	6.00	1.90 - 7.29	1.40	0.29 - 1.07	6.3	1.3 - 8.5	96
2.5+2.5+6.0	1.41	1.41	3.38	—	1.83	1.83	4.41	—	6.20	1.95 - 8.07	1.27	0.28 - 1.08	5.8	1.3 - 8.5	96
2.5+3.5+3.5	1.58	2.21	2.21	—	1.91	2.69	2.69	—	6.00	1.90 - 7.29	1.40	0.29 - 1.07	6.3	1.3 - 8.5	96
2.5+3.5+5.0	1.36	1.91	2.73	—	1.66	2.33	3.32	—	6.00	1.90 - 7.31	1.37	0.29 - 1.07	6.2	1.3 - 8.5	96
2.5+3.5+6.0	1.29	1.81	3.10	—	1.69	2.36	4.04	—	6.20	1.95 - 8.09	1.27	0.27 - 1.08	5.8	1.2 - 8.5	96
3.5+3.5+3.5	2.00	2.00	2.00	—	2.44	2.44	2.44	—	6.00	1.90 - 7.31	1.37	0.29 - 1.07	6.2	1.3 - 8.5	96
3.5+3.5+5.0	1.75	1.75	2.50	—	2.14	2.14	3.05	—	6.00	1.90 - 7.33	1.37	0.29 - 1.07	6.2	1.3 - 8.5	96
2.5+2.5+2.5+2.5	1.55	1.55	1.55	1.55	1.99	1.99	1.99	1.99	6.20	1.95 - 7.96	1.27	0.28 - 1.07	5.8	1.3 - 8.5	96
2.5+2.5+2.5+3.5	1.41	1.41	1.41	1.97	1.81	1.81	1.81	2.55	6.20	1.95 - 7.98	1.27	0.28 - 1.07	5.8	1.3 - 8.5	96
2.5+2.5+3.5+3.5	1.29	1.29	1.81	1.81	1.68	1.68	2.35	2.35	6.20	1.95 - 8.05	1.27	0.28 - 1.07	5.8	1.3 - 8.5	96

## OUTDOOR UNIT MKS65TVMG

Cooling [50Hz, 230V][Input current limit : 11.0A]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kVA)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	—	—	—	3.91	—	—	—	2.50	1.71 - 3.91	0.55	0.31 - 1.07	2.5	1.4 - 4.8	96
3.5	3.50	—	—	—	3.92	—	—	—	3.50	1.71 - 3.92	0.92	0.32 - 1.07	4.2	1.4 - 4.8	96
5.0	5.00	—	—	—	5.16	—	—	—	5.00	1.71 - 5.16	1.04	0.31 - 2.09	8.3	1.4 - 9.5	96
6.0	6.00	—	—	—	7.28	—	—	—	6.00	1.83 - 7.28	1.65	0.30 - 2.41	7.5	1.4 - 10.9	96
2.5+2.5	2.50	2.50	—	—	3.30	3.30	—	—	5.00	1.81 - 6.60	1.27	0.30 - 2.11	5.8	1.4 - 9.6	96
2.5+3.5	2.50	3.50	—	—	2.92	4.08	—	—	6.00	1.82 - 7.00	1.70	0.30 - 2.41	8.1	1.4 - 10.9	96
2.5+5.0	2.00	4.00	—	—	2.35	4.69	—	—	6.00	1.82 - 7.04	1.75	0.30 - 2.41	7.9	1.4 - 10.9	96
2.5+6.0	1.82	4.38	—	—	2.51	6.03	—	—	6.20	1.91 - 8.54	1.43	0.29 - 2.43	6.5	1.3 - 11.0	96
3.5+3.5	3.00	3.00	—	—	3.52	3.52	—	—	6.00	1.82 - 7.03	1.75	0.30 - 2.41	7.9	1.4 - 10.9	96
3.5+5.0	2.47	3.53	—	—	2.91	4.16	—	—	6.00	1.82 - 7.07	1.75	0.30 - 2.41	7.9	1.4 - 10.9	96
3.5+6.0	2.28	3.92	—	—	3.16	5.41	—	—	6.20	1.91 - 8.57	1.43	0.29 - 2.43	6.5	1.3 - 11.0	96
5.0+5.0	3.00	3.00	—	—	3.56	3.56	—	—	6.00	1.82 - 7.11	1.72	0.30 - 2.41	7.8	1.4 - 10.9	96
5.0+6.0	2.82	3.38	—	—	3.90	4.69	—	—	6.20	1.91 - 8.59	1.40	0.29 - 2.43	6.3	1.3 - 11.0	96
6.0+6.0	3.10	3.10	—	—	4.71	4.71	—	—	6.20	1.96 - 9.41	1.24	0.27 - 2.42	5.6	1.2 - 11.0	96
2.5+2.5+2.5	2.00	2.00	2.00	—	2.77	2.77	2.77	—	6.00	1.89 - 8.31	1.40	0.29 - 2.43	6.3	1.3 - 11.0	96
2.5+2.5+3.5	1.76	1.76	2.47	—	2.45	2.45	3.44	—	6.00	1.90 - 8.34	1.40	0.29 - 2.43	6.3	1.3 - 11.0	96
2.5+2.5+5.0	1.50	1.50	3.00	—	2.09	2.09	4.19	—	6.00	1.90 - 8.37	1.40	0.29 - 2.43	6.3	1.3 - 11.0	96
2.5+2.5+6.0	1.41	1.41	3.38	—	2.11	2.11	5.07	—	6.20	1.95 - 9.29	1.27	0.28 - 2.42	5.8	1.3 - 11.0	96
2.5+3.5+3.5	1.58	2.21	2.21	—	2.20	3.08	3.08	—	6.00	1.90 - 8.36	1.40	0.29 - 2.43	6.3	1.3 - 11.0	96
2.5+3.5+5.0	1.36	1.91	2.73	—	1.91	2.67	3.81	—	6.00	1.90 - 8.39	1.37	0.29 - 2.43	6.2	1.3 - 11.0	96
2.5+3.5+6.0	1.29	1.81	3.10	—	1.94	2.71	4.65	—	6.20	1.95 - 9.30	1.27	0.27 - 2.42	5.8	1.2 - 11.0	96
3.5+3.5+3.5	2.00	2.00	2.00	—	2.80	2.80	2.80	—	6.00	1.90 - 8.39	1.37	0.29 - 2.43	6.2	1.3 - 11.0	96
3.5+3.5+5.0	1.75	1.75	2.50	—	2.46	2.46	3.50	—	6.00	1.90 - 8.42	1.37	0.29 - 2.43	6.2	1.3 - 11.0	96
2.5+2.5+2.5+2.5	1.55	1.55	1.55	1.55	2.29	2.29	2.29	2.29	6.20	1.95 - 9.15	1.27	0.28 - 2.41	5.8	1.3 - 10.9	96
2.5+2.5+2.5+3.5	1.41	1.41	1.41	1.97	2.08	2.08	2.08	2.93	6.20	1.95 - 9.17	1.27	0.28 - 2.41	5.8	1.3 - 10.9	96
2.5+2.5+3.5+3.5	1.29	1.29	1.81	1.81	1.93	1.93	2.70	2.70	6.20	1.95 - 9.25	1.27	0.28 - 2.41	5.8	1.3 - 10.9	96

### Note:

- Cooling capacity is based on 27°C DB 19°C WB (indoor temperature), 35°C DB (outdoor temperature).
- The total ability of connected indoor unit is up to 9.5kW.
- It is possible to connect the indoor unit for one room only.

## OUTDOOR UNIT MKS80TVMG

Cooling [50Hz, 230V] (Input current without limit)

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	—	—	—	3.91	—	—	—	2.50	1.71-3.91	0.52	0.31-1.07	2.4	1.4-4.0	96
3.5	3.50	—	—	—	3.92	—	—	—	3.50	1.71-3.92	0.86	0.31-1.07	3.9	1.4-4.0	96
5.0	5.00	—	—	—	5.16	—	—	—	5.00	1.71-5.16	1.06	0.31-2.09	8.4	1.4-9.5	96
6.0	6.00	—	—	—	7.72	—	—	—	6.00	1.83-7.72	1.59	0.30-2.02	7.2	1.4-12.0	96
7.1	7.10	—	—	—	7.72	—	—	—	7.10	1.83-7.72	2.35	0.30-2.02	10.6	1.4-12.0	96
2.5+2.5	2.50	2.50	—	—	3.30	3.30	—	—	5.00	1.81-6.60	1.20	0.30-2.11	5.4	1.4-9.6	96
2.5+3.5	2.50	3.50	—	—	3.08	4.30	—	—	6.00	1.82-7.38	1.71	0.30-2.01	7.7	1.4-12.7	96
2.5+5.0	2.33	4.67	—	—	2.48	4.95	—	—	7.00	1.82-7.43	2.39	0.30-2.01	10.0	1.4-12.7	96
2.5+6.0	2.18	5.22	—	—	2.71	6.49	—	—	7.40	1.91-9.20	1.86	0.29-2.05	8.4	1.3-12.9	96
2.5+7.1	1.93	5.47	—	—	2.40	6.80	—	—	7.40	1.91-9.20	1.86	0.29-2.05	8.4	1.3-12.9	96
3.5+3.5	3.50	3.50	—	—	3.71	3.71	—	—	7.00	1.82-7.42	2.39	0.30-2.01	10.0	1.4-12.7	96
3.5+5.0	2.88	4.12	—	—	3.08	4.39	—	—	7.00	1.82-7.47	2.38	0.30-2.01	10.0	1.4-12.7	96
3.5+6.0	2.73	4.67	—	—	3.40	5.82	—	—	7.40	1.91-9.22	1.86	0.29-2.05	8.4	1.3-12.9	96
3.5+7.1	2.44	4.96	—	—	3.04	6.18	—	—	7.40	1.91-9.22	1.86	0.29-2.05	8.4	1.3-12.9	96
5.0+5.0	3.50	3.50	—	—	3.76	3.76	—	—	7.00	1.82-7.52	2.37	0.30-2.01	10.7	1.4-12.7	96
5.0+6.0	3.36	4.04	—	—	4.21	5.05	—	—	7.40	1.91-9.26	1.82	0.29-2.05	8.2	1.3-12.9	96
5.0+7.1	3.06	4.34	—	—	3.83	5.43	—	—	7.40	1.91-9.26	1.82	0.29-2.05	8.2	1.3-12.9	96
6.0+6.0	3.70	3.70	—	—	5.15	5.15	—	—	7.40	1.96-10.29	1.57	0.27-2.09	7.1	1.2-13.1	96
6.0+7.1	3.39	4.01	—	—	4.71	5.58	—	—	7.40	1.96-10.29	1.57	0.27-2.09	7.1	1.2-13.1	96
7.1+7.1	3.70	3.70	—	—	5.15	5.15	—	—	7.40	1.96-10.29	1.57	0.27-2.09	7.1	1.2-13.1	96
2.5+2.5+2.5	2.33	2.33	2.33	—	2.98	2.98	2.98	—	7.00	1.89-8.93	1.72	0.29-2.04	7.8	1.3-12.9	96
2.5+2.5+3.5	2.06	2.06	2.88	—	2.64	2.64	3.68	—	7.00	1.90-8.96	1.72	0.29-2.04	7.8	1.3-12.9	96
2.5+2.5+5.0	1.75	1.75	3.50	—	2.25	2.25	4.49	—	7.00	1.90-8.99	1.72	0.29-2.04	7.8	1.3-12.9	96
2.5+2.5+6.0	1.68	1.68	4.04	—	2.31	2.31	5.53	—	7.40	1.95-10.15	1.60	0.28-2.08	7.2	1.3-13.0	96
2.5+2.5+7.1	1.53	1.53	4.34	—	2.10	2.10	5.95	—	7.40	1.95-10.15	1.60	0.28-2.08	7.2	1.3-13.0	96
2.5+3.5+3.5	1.84	2.58	2.58	—	2.37	3.31	3.31	—	7.00	1.90-9.99	1.72	0.29-2.04	7.8	1.3-12.9	96
2.5+3.5+5.0	1.59	2.23	3.18	—	2.05	2.87	4.10	—	7.00	1.90-9.02	1.72	0.29-2.04	7.8	1.3-12.9	96
2.5+3.5+6.0	1.54	2.16	3.70	—	2.12	2.97	5.08	—	7.40	1.95-10.17	1.60	0.27-2.08	7.2	1.2-13.0	96
2.5+3.5+7.1	1.41	1.98	4.01	—	1.94	2.72	5.51	—	7.40	1.95-10.17	1.60	0.27-2.08	7.2	1.2-13.0	96
2.5+5.0+5.0	1.40	2.80	2.80	—	1.81	3.62	3.62	—	7.00	1.90-9.05	1.72	0.29-2.04	7.8	1.3-12.9	96
2.5+5.0+6.0	1.37	2.74	3.29	—	1.89	3.77	4.53	—	7.40	1.95-10.19	1.60	0.27-2.08	7.2	1.2-13.0	96
2.5+5.0+7.1	1.27	2.53	3.60	—	1.74	3.49	4.96	—	7.40	1.95-10.19	1.60	0.27-2.08	7.2	1.2-13.0	96
2.5+6.0+6.0	1.28	3.06	3.06	—	1.82	4.36	4.36	—	7.40	1.97-10.54	1.51	0.26-2.07	6.8	1.2-13.0	96
2.5+6.0+7.1	1.19	2.85	3.37	—	1.69	4.05	4.80	—	7.40	1.97-10.54	1.51	0.26-2.07	6.8	1.2-13.0	96
3.5+3.5+3.5	2.33	2.33	2.33	—	3.01	3.01	3.01	—	7.00	1.90-9.02	1.72	0.29-2.04	7.8	1.3-12.9	96
3.5+3.5+5.0	2.04	2.04	2.92	—	2.64	2.64	3.77	—	7.00	1.90-9.05	1.72	0.29-2.04	7.8	1.3-12.9	96
3.5+3.5+6.0	1.99	1.99	3.42	—	2.74	2.74	4.71	—	7.40	1.95-10.19	1.60	0.27-2.08	7.2	1.2-13.0	96
3.5+3.5+7.1	1.84	1.84	3.73	—	2.53	2.53	5.13	—	7.40	1.95-10.19	1.60	0.27-2.08	7.2	1.2-13.0	96
3.5+5.0+5.0	1.82	2.59	2.59	—	2.36	3.36	3.36	—	7.00	1.90-9.08	1.69	0.29-2.04	7.7	1.3-12.9	96
3.5+5.0+6.0	1.79	2.55	3.06	—	2.46	3.52	4.22	—	7.40	1.95-10.20	1.60	0.27-2.08	7.2	1.2-13.0	96
3.5+5.0+7.1	1.66	2.37	3.37	—	2.29	3.27	4.64	—	7.40	1.95-10.20	1.60	0.27-2.08	7.2	1.2-13.0	96
3.5+6.0+6.0	1.67	2.86	2.86	—	2.38	4.08	4.08	—	7.40	1.97-10.54	1.51	0.26-2.07	6.8	1.2-13.0	96
5.0+5.0+5.0	2.33	2.33	2.33	—	3.04	3.04	3.04	—	7.00	1.90-9.12	1.69	0.29-2.05	7.7	1.3-12.9	96
2.5+2.5+2.5+2.5	1.75	1.75	1.75	1.75	2.50	2.50	2.50	2.50	7.00	1.95-10.00	1.42	0.28-2.07	6.4	1.3-13.0	96
2.5+2.5+2.5+3.5	1.59	1.59	1.59	2.23	2.28	2.28	2.28	3.17	7.00	1.95-10.01	1.42	0.28-2.07	6.4	1.3-13.0	96
2.5+2.5+2.5+5.0	1.40	1.40	1.40	2.80	2.01	2.01	2.01	4.00	7.00	1.93-10.03	1.42	0.28-2.73	6.4	1.3-12.4	96
2.5+2.5+2.5+6.0	1.37	1.37	1.37	3.29	1.96	1.96	1.96	4.71	7.40	1.95-10.59	1.51	0.26-2.76	6.8	1.2-12.5	96
2.5+2.5+2.5+7.1	1.27	1.27	1.27	3.59	1.81	1.81	1.81	5.16	7.40	1.95-10.59	1.51	0.26-2.76	6.8	1.2-12.5	96
2.5+2.5+3.5+3.5	1.46	1.46	2.04	2.04	2.10	2.10	2.95	2.95	7.00	1.95-10.10	1.42	0.28-2.07	6.4	1.3-13.0	96
2.5+2.5+3.5+5.0	1.30	1.30	1.81	2.59	1.87	1.87	2.62	3.74	7.00	1.93-10.10	1.42	0.28-2.73	6.4	1.3-12.4	96
2.5+2.5+3.5+6.0	1.28	1.28	1.79	3.06	1.83	1.83	2.56	4.38	7.40	1.95-10.60	1.51	0.26-2.77	6.8	1.2-12.5	96
2.5+2.5+3.5+7.1	1.19	1.19	1.66	3.36	1.70	1.70	2.38	4.82	7.40	1.95-10.60	1.51	0.26-2.77	6.8	1.2-12.5	96
2.5+2.5+5.0+5.0	1.17	1.17	2.33	2.33	1.68	1.68	3.36	3.36	7.00	1.93-10.07	1.42	0.28-2.73	6.4	1.3-12.4	96
2.5+3.5+3.5+3.5	1.36	1.88	1.88	1.88	1.92	2.71	2.71	2.71	7.00	1.93-10.05	1.42	0.28-2.73	6.4	1.3-12.4	96
2.5+3.5+3.5+5.0	1.21	1.69	1.69	2.41	1.74	2.43	2.43	3.47	7.00	1.93-10.07	1.42	0.28-2.73	6.4	1.3-12.4	96
2.5+3.5+3.5+6.0	1.19	1.67	1.67	2.87	1.71	2.39	2.39	4.11	7.40	1.95-10.60	1.51	0.26-2.77	6.8	1.2-12.5	96
3.5+3.5+3.5+3.5	1.75	1.75	1.75	1.75	2.52	2.52	2.52	2.52	7.00	1.93-10.07	1.42	0.28-2.73	6.4	1.3-12.4	96
3.5+3.5+3.5+5.0	1.58	1.58	1.58	2.26	2.28	2.28	2.28	3.25	7.00	1.94-10.09	1.42	0.28-2.73	6.4	1.3-12.4	96

Note

- Cooling capacity is based on 27°C DB 19°C WB (indoor temperature), 35°C DB (outdoor temperature).
- The total ability of connected indoor unit is up to 9.5kW.
- It is possible to connect the indoor unit for one room only.

## OUTDOOR UNIT MKS80TVMG

Cooling [50Hz, 230V] [Input current limit : 8.5A]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	---	---	---	3.91	---	---	---	2.50	1.71 - 3.91	0.52	0.31 - 1.07	2.4	1.4 - 4.8	96
3.5	3.50	---	---	---	3.92	---	---	---	3.50	1.71 - 3.92	0.86	0.31 - 1.07	3.9	1.4 - 4.8	96
5.0	5.00	---	---	---	5.02	---	---	---	5.00	1.71 - 5.02	1.86	0.31 - 1.88	8.4	1.4 - 8.5	96
6.0	6.00	---	---	---	6.48	---	---	---	6.00	1.83 - 6.48	1.59	0.30 - 1.86	7.2	1.4 - 8.4	96
7.1	6.48	---	---	---	6.48	---	---	---	6.48	1.83 - 6.48	1.86	0.30 - 1.86	8.4	1.4 - 8.4	96
2.5+2.5	2.50	2.50	---	---	3.12	3.12	---	---	5.00	1.81 - 6.24	1.20	0.30 - 1.86	5.4	1.4 - 8.4	96
2.5+3.5	2.50	3.50	---	---	2.61	3.65	---	---	6.00	1.82 - 6.26	1.71	0.30 - 1.86	7.7	1.4 - 8.4	96
2.5+5.0	2.10	4.19	---	---	2.10	4.19	---	---	6.29	1.82 - 6.29	1.86	0.30 - 1.86	8.4	1.4 - 8.4	96
2.5+6.0	2.18	5.22	---	---	2.19	5.24	---	---	7.40	1.91 - 7.43	1.86	0.29 - 1.87	8.4	1.3 - 8.5	96
2.5+7.1	1.93	5.47	---	---	1.93	5.50	---	---	7.40	1.91 - 7.43	1.86	0.29 - 1.87	8.4	1.3 - 8.5	96
3.5+3.5	3.15	3.15	---	---	3.15	3.15	---	---	6.30	1.82 - 6.29	1.86	0.30 - 1.86	8.4	1.4 - 8.4	96
3.5+5.0	2.60	3.72	---	---	2.60	3.72	---	---	6.32	1.82 - 6.32	1.86	0.30 - 1.86	8.4	1.4 - 8.4	96
3.5+6.0	2.73	4.67	---	---	2.74	4.71	---	---	7.40	1.91 - 7.45	1.86	0.29 - 1.87	8.4	1.3 - 8.5	96
3.5+7.1	2.44	4.96	---	---	2.46	4.99	---	---	7.40	1.91 - 7.45	1.86	0.29 - 1.87	8.4	1.3 - 8.5	96
5.0+5.0	3.18	3.18	---	---	3.18	3.18	---	---	6.35	1.82 - 6.35	1.86	0.30 - 1.86	8.4	1.4 - 8.4	96
5.0+6.0	3.36	4.04	---	---	3.40	4.07	---	---	7.40	1.91 - 7.47	1.82	0.29 - 1.87	8.2	1.3 - 8.5	96
5.0+7.1	3.06	4.34	---	---	3.09	4.38	---	---	7.40	1.91 - 7.47	1.82	0.29 - 1.87	8.2	1.3 - 8.5	96
6.0+6.0	3.70	3.70	---	---	4.09	4.09	---	---	7.40	1.96 - 8.17	1.57	0.27 - 1.88	7.1	1.2 - 8.5	96
6.0+7.1	3.39	4.01	---	---	3.74	4.43	---	---	7.40	1.96 - 8.17	1.57	0.27 - 1.88	7.1	1.2 - 8.5	96
7.1+7.1	3.70	3.70	---	---	4.09	4.09	---	---	7.40	1.96 - 8.17	1.57	0.27 - 1.88	7.1	1.2 - 8.5	96
2.5+2.5+2.5	2.33	2.33	2.33	---	2.42	2.42	2.42	---	7.00	1.89 - 7.25	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
2.5+2.5+3.5	2.06	2.06	2.88	---	2.14	2.14	2.99	---	7.00	1.90 - 7.27	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
2.5+2.5+5.0	1.75	1.75	3.50	---	1.82	1.82	3.65	---	7.00	1.90 - 7.29	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
2.5+2.5+6.0	1.68	1.68	4.04	---	1.83	1.83	4.41	---	7.40	1.95 - 8.07	1.60	0.28 - 1.88	7.2	1.3 - 8.5	96
2.5+2.5+7.1	1.53	1.53	4.34	---	1.67	1.67	4.73	---	7.40	1.95 - 8.07	1.60	0.28 - 1.88	7.2	1.3 - 8.5	96
2.5+3.5+3.5	1.84	2.58	2.58	---	1.91	2.69	2.69	---	7.00	1.90 - 7.29	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
2.5+3.5+5.0	1.59	2.23	3.18	---	1.66	2.33	3.32	---	7.00	1.90 - 7.31	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
2.5+3.5+6.0	1.54	2.16	3.70	---	1.69	2.36	4.04	---	7.40	1.95 - 8.09	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
2.5+3.5+7.1	1.41	1.88	4.01	---	1.54	2.16	4.39	---	7.40	1.95 - 8.09	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
2.5+5.0+5.0	1.40	2.80	2.80	---	1.46	2.94	2.94	---	7.00	1.90 - 7.34	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
2.5+5.0+6.0	1.37	2.74	3.29	---	1.50	3.00	3.60	---	7.40	1.95 - 8.10	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
2.5+5.0+7.1	1.27	2.53	3.60	---	1.39	2.77	3.94	---	7.40	1.95 - 8.10	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
2.5+6.0+6.0	1.28	3.06	3.06	---	1.43	3.46	3.46	---	7.40	1.97 - 8.35	1.51	0.26 - 1.85	6.8	1.2 - 8.4	96
2.5+6.0+7.1	1.19	2.85	3.37	---	1.34	3.21	3.80	---	7.40	1.97 - 8.35	1.51	0.26 - 1.85	6.8	1.2 - 8.4	96
3.5+3.5+3.5	2.33	2.33	2.33	---	2.44	2.44	2.44	---	7.00	1.90 - 7.31	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
3.5+3.5+5.0	2.04	2.04	2.92	---	2.14	2.14	3.05	---	7.00	1.90 - 7.33	1.72	0.29 - 1.87	7.8	1.3 - 8.5	96
3.5+3.5+6.0	1.99	1.99	3.42	---	2.18	2.18	3.74	---	7.40	1.95 - 8.10	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
3.5+3.5+7.1	1.84	1.84	3.73	---	2.01	2.01	4.08	---	7.40	1.95 - 8.10	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
3.5+5.0+5.0	1.82	2.59	2.59	---	1.91	2.72	2.72	---	7.00	1.90 - 7.35	1.69	0.29 - 1.87	7.7	1.3 - 8.5	96
3.5+5.0+6.0	1.79	2.55	3.06	---	1.96	2.80	3.35	---	7.40	1.95 - 8.11	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
3.5+5.0+7.1	1.66	2.37	3.37	---	1.82	2.60	3.69	---	7.40	1.95 - 8.11	1.60	0.27 - 1.88	7.2	1.2 - 8.5	96
3.5+6.0+6.0	1.67	2.86	2.86	---	1.89	3.23	3.23	---	7.40	1.97 - 8.35	1.51	0.26 - 1.85	6.8	1.2 - 8.4	96
5.0+5.0+5.0	2.33	2.33	2.33	---	2.46	2.46	2.46	---	7.00	1.90 - 7.38	1.69	0.29 - 1.87	7.7	1.3 - 8.5	96
2.5+2.5+2.5+2.5	1.75	1.75	1.75	1.75	1.99	1.99	1.99	1.99	7.00	1.95 - 7.96	1.42	0.28 - 1.88	6.4	1.3 - 8.5	96
2.5+2.5+2.5+3.5	1.59	1.59	1.59	2.23	1.81	1.81	1.81	2.55	7.00	1.95 - 7.98	1.42	0.28 - 1.88	6.4	1.3 - 8.5	96
2.5+2.5+2.5+5.0	1.40	1.40	1.40	2.80	1.63	1.63	1.63	3.28	7.00	1.93 - 8.17	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96
2.5+2.5+2.5+6.0	1.37	1.37	1.37	3.29	1.59	1.59	1.59	3.84	7.40	1.95 - 8.61	1.51	0.26 - 1.86	6.8	1.2 - 8.4	96
2.5+2.5+2.5+7.1	1.27	1.27	1.27	3.59	1.47	1.47	1.47	4.20	7.40	1.95 - 8.61	1.51	0.26 - 1.86	6.8	1.2 - 8.4	96
2.5+2.5+3.5+3.5	1.46	1.46	2.04	2.04	1.68	1.68	2.34	2.34	7.00	1.95 - 8.04	1.42	0.28 - 1.88	6.4	1.3 - 8.5	96
2.5+2.5+3.5+5.0	1.30	1.30	1.81	2.59	1.52	1.52	2.13	3.05	7.00	1.93 - 8.22	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96
2.5+2.5+3.5+6.0	1.28	1.28	1.79	3.06	1.48	1.48	2.08	3.57	7.40	1.95 - 8.61	1.51	0.26 - 1.86	6.8	1.2 - 8.4	96
2.5+2.5+3.5+7.1	1.19	1.19	1.66	3.36	1.38	1.38	1.83	3.92	7.40	1.95 - 8.61	1.51	0.26 - 1.86	6.8	1.2 - 8.4	96
2.5+2.5+5.0+5.0	1.17	1.17	2.33	2.33	1.57	1.57	2.73	2.73	7.00	1.93 - 8.20	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96
2.5+3.5+3.5+3.5	1.36	1.88	1.88	1.88	1.58	2.20	2.20	2.20	7.00	1.93 - 8.18	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96
2.5+3.5+3.5+5.0	1.21	1.69	1.69	2.41	1.41	1.98	1.98	2.82	7.00	1.93 - 8.19	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96
2.5+3.5+3.5+6.0	1.19	1.67	1.67	2.87	1.39	1.94	1.94	3.34	7.40	1.95 - 8.61	1.51	0.26 - 1.86	6.8	1.2 - 8.4	96
3.5+3.5+3.5+3.5	1.75	1.75	1.75	1.75	2.05	2.05	2.05	2.05	7.00	1.93 - 8.19	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96
3.5+3.5+3.5+5.0	1.58	1.58	1.58	2.26	1.85	1.85	1.85	2.66	7.00	1.94 - 8.21	1.42	0.28 - 1.85	6.4	1.3 - 8.4	96

### Note:

- Cooling capacity is based on 27°C DB 19°C WB (indoor temperature), 35°C DB (outdoor temperature).
- The total ability of connected indoor unit is up to 9.5kW.
- It is possible to connect the indoor unit for one room only.

## OUTDOOR UNIT MKS80TVMG

Cooling [50Hz, 230V] [Input current limit : 11.0A]

COMBINATION OF INDOOR UNIT	CAPACITY OF EACH INDOOR UNIT														
	Each capacity at rated capacity (kW)				Each capacity at max capacity (kW)				Total capacity (kW)		Total input (kW)		Total current (A)		Power factor (%)
	A room	B room	C room	D room	A room	B room	C room	D room	Rating	(min - max)	Rating	(min - max)	Rating	(min - max)	Rating
2.5	2.50	—	—	—	3.91	—	—	—	2.50	1.71-3.91	0.52	0.31-1.07	2.4	1.4-4.8	96
3.5	3.50	—	—	—	3.92	—	—	—	3.50	1.71-3.92	0.86	0.31-1.07	3.9	1.4-4.8	96
5.0	5.00	—	—	—	5.18	—	—	—	5.00	1.71-5.18	1.86	0.31-2.09	8.4	1.4-9.5	96
6.0	6.00	—	—	—	7.28	—	—	—	6.00	1.83-7.28	1.59	0.30-2.41	7.2	1.4-10.9	96
7.1	7.10	—	—	—	7.28	—	—	—	7.10	1.83-7.28	2.35	0.30-2.41	10.6	1.4-10.9	96
2.5+2.5	2.50	2.50	—	—	3.30	3.30	—	—	5.00	1.81-6.60	1.20	0.30-2.11	5.4	1.4-9.6	96
2.5+3.5	2.50	3.50	—	—	2.92	4.08	—	—	6.00	1.82-7.00	1.71	0.30-2.41	7.7	1.4-10.9	96
2.5+5.0	2.33	4.67	—	—	2.35	4.69	—	—	7.00	1.82-7.04	2.39	0.30-2.41	10.8	1.4-10.9	96
2.5+6.0	2.18	5.22	—	—	2.51	6.03	—	—	7.40	1.91-8.54	1.86	0.29-2.43	8.4	1.3-11.0	96
2.5+7.1	1.93	5.47	—	—	2.22	6.32	—	—	7.40	1.91-8.54	1.86	0.29-2.43	8.4	1.3-11.0	96
3.5+3.5	3.50	3.50	—	—	3.52	3.52	—	—	7.00	1.82-7.03	2.39	0.30-2.41	10.8	1.4-10.9	96
3.5+5.0	2.88	4.12	—	—	2.91	4.16	—	—	7.00	1.82-7.07	2.38	0.30-2.41	10.8	1.4-10.9	96
3.5+6.0	2.73	4.67	—	—	3.13	5.37	—	—	7.40	1.91-8.50	1.86	0.29-2.40	8.4	1.3-10.9	96
3.5+7.1	2.44	4.96	—	—	2.81	5.69	—	—	7.40	1.91-8.50	1.86	0.29-2.40	8.4	1.3-10.9	96
5.0+5.0	3.50	3.50	—	—	3.56	3.56	—	—	7.00	1.82-7.11	2.37	0.30-2.41	10.7	1.4-10.9	96
5.0+6.0	3.36	4.04	—	—	3.87	4.65	—	—	7.40	1.91-8.52	1.82	0.29-2.40	8.2	1.3-10.9	96
5.0+7.1	3.06	4.34	—	—	3.52	5.00	—	—	7.40	1.91-8.52	1.82	0.29-2.40	8.2	1.3-10.9	96
6.0+6.0	3.70	3.70	—	—	4.71	4.71	—	—	7.40	1.96-9.41	1.57	0.27-2.42	7.1	1.2-11.0	96
6.0+7.1	3.39	4.01	—	—	4.31	5.10	—	—	7.40	1.96-9.41	1.57	0.27-2.42	7.1	1.2-11.0	96
7.1+7.1	3.70	3.70	—	—	4.71	4.71	—	—	7.40	1.96-9.41	1.57	0.27-2.42	7.1	1.2-11.0	96
2.5+2.5+2.5	2.33	2.33	2.33	—	2.77	2.77	2.77	—	7.00	1.89-8.31	1.72	0.29-2.43	7.8	1.3-11.0	96
2.5+2.5+3.5	2.06	2.06	2.88	—	2.45	2.45	3.44	—	7.00	1.90-8.34	1.72	0.29-2.43	7.8	1.3-11.0	96
2.5+2.5+5.0	1.75	1.75	3.50	—	2.09	2.09	4.19	—	7.00	1.90-8.37	1.72	0.29-2.43	7.8	1.3-11.0	96
2.5+2.5+6.0	1.68	1.68	4.04	—	2.11	2.11	5.07	—	7.40	1.95-9.29	1.60	0.28-2.42	7.2	1.3-11.0	96
2.5+2.5+7.1	1.53	1.53	4.34	—	1.92	1.92	5.45	—	7.40	1.95-9.29	1.60	0.28-2.42	7.2	1.3-11.0	96
2.5+3.5+3.5	1.84	2.58	2.58	—	2.20	3.08	3.08	—	7.00	1.90-8.36	1.72	0.29-2.43	7.8	1.3-11.0	96
2.5+3.5+5.0	1.59	2.23	3.18	—	1.91	2.67	3.81	—	7.00	1.90-8.39	1.72	0.29-2.43	7.8	1.3-11.0	96
2.5+3.5+6.0	1.54	2.16	3.70	—	1.94	2.71	4.65	—	7.40	1.95-9.30	1.60	0.27-2.42	7.2	1.2-11.0	96
2.5+3.5+7.1	1.41	1.98	4.01	—	1.77	2.48	5.05	—	7.40	1.95-9.30	1.60	0.27-2.42	7.2	1.2-11.0	96
2.5+5.0+5.0	1.40	2.80	2.80	—	1.68	3.37	3.37	—	7.00	1.90-8.42	1.72	0.29-2.43	7.8	1.3-11.0	96
2.5+5.0+6.0	1.37	2.74	3.29	—	1.73	3.45	4.14	—	7.40	1.95-9.32	1.60	0.27-2.42	7.2	1.2-11.0	96
2.5+5.0+7.1	1.27	2.53	3.60	—	1.60	3.19	4.53	—	7.40	1.95-9.32	1.60	0.27-2.42	7.2	1.2-11.0	96
2.5+6.0+6.0	1.28	3.06	3.06	—	1.67	3.98	3.98	—	7.40	1.97-9.63	1.51	0.26-2.40	6.8	1.2-10.9	96
2.5+6.0+7.1	1.19	2.85	3.37	—	1.54	3.70	4.39	—	7.40	1.97-9.63	1.51	0.26-2.40	6.8	1.2-10.9	96
3.5+3.5+3.5	2.33	2.33	2.33	—	2.80	2.80	2.80	—	7.00	1.90-8.39	1.72	0.29-2.43	7.8	1.3-11.0	96
3.5+3.5+5.0	2.04	2.04	2.92	—	2.46	2.46	3.50	—	7.00	1.90-8.42	1.72	0.29-2.43	7.8	1.3-11.0	96
3.5+3.5+6.0	1.99	1.99	3.42	—	2.51	2.51	4.30	—	7.40	1.95-9.32	1.60	0.27-2.42	7.2	1.2-11.0	96
3.5+3.5+7.1	1.84	1.84	3.73	—	2.31	2.31	4.70	—	7.40	1.95-9.32	1.60	0.27-2.42	7.2	1.2-11.0	96
3.5+5.0+5.0	1.82	2.59	2.59	—	2.19	3.13	3.13	—	7.00	1.90-8.45	1.69	0.29-2.43	7.7	1.3-11.0	96
3.5+5.0+6.0	1.79	2.55	3.06	—	2.25	3.22	3.86	—	7.40	1.95-9.33	1.60	0.27-2.42	7.2	1.2-11.0	96
3.5+5.0+7.1	1.66	2.37	3.37	—	2.09	2.99	4.25	—	7.40	1.95-9.33	1.60	0.27-2.42	7.2	1.2-11.0	96
3.5+6.0+6.0	1.67	2.86	2.86	—	2.17	3.73	3.73	—	7.40	1.97-9.63	1.51	0.26-2.40	6.8	1.2-10.9	96
5.0+5.0+5.0	2.33	2.33	2.33	—	2.82	2.82	2.82	—	7.00	1.90-8.47	1.69	0.29-2.43	7.7	1.3-11.0	96
2.5+2.5+2.5+2.5	1.75	1.75	1.75	1.75	2.29	2.29	2.29	2.29	7.00	1.95-9.15	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+2.5+2.5+3.5	1.59	1.59	1.59	2.23	2.08	2.08	2.08	2.93	7.00	1.95-9.17	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+2.5+2.5+5.0	1.40	1.40	1.40	2.80	1.88	1.88	1.88	3.78	7.00	1.93-9.42	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+2.5+2.5+6.0	1.37	1.37	1.37	3.29	1.84	1.84	1.84	4.42	7.40	1.95-9.94	1.51	0.26-2.43	6.8	1.2-11.0	96
2.5+2.5+2.5+7.1	1.27	1.27	1.27	3.59	1.70	1.70	1.70	4.84	7.40	1.95-9.94	1.51	0.26-2.43	6.8	1.2-11.0	96
2.5+2.5+3.5+3.5	1.46	1.46	2.04	2.04	1.93	1.93	2.70	2.70	7.00	1.95-9.25	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+2.5+3.5+5.0	1.30	1.30	1.81	2.59	1.76	1.76	2.46	3.51	7.00	1.93-9.49	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+2.5+3.5+6.0	1.28	1.28	1.79	3.06	1.72	1.72	2.40	4.11	7.40	1.95-9.95	1.51	0.26-2.43	6.8	1.2-11.0	96
2.5+2.5+3.5+7.1	1.19	1.19	1.86	3.36	1.59	1.59	2.23	4.54	7.40	1.95-9.95	1.51	0.26-2.43	6.8	1.2-11.0	96
2.5+2.5+5.0+5.0	1.17	1.17	2.33	2.33	1.58	1.58	3.15	3.15	7.00	1.93-9.46	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+3.5+3.5+3.5	1.36	1.88	1.88	1.88	1.82	2.54	2.54	2.54	7.00	1.93-9.44	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+3.5+3.5+5.0	1.21	1.69	1.69	2.41	1.63	2.28	2.28	3.27	7.00	1.93-9.46	1.42	0.28-2.41	6.4	1.3-10.9	96
2.5+3.5+3.5+6.0	1.19	1.67	1.67	2.87	1.60	2.25	2.25	3.85	7.40	1.95-9.95	1.51	0.26-2.43	6.8	1.2-11.0	96
3.5+3.5+3.5+3.5	1.75	1.75	1.75	1.75	2.38	2.38	2.38	2.38	7.00	1.93-9.45	1.42	0.28-2.41	6.4	1.3-10.9	96
3.5+3.5+3.5+5.0	1.58	1.58	1.58	2.26	2.14	2.14	2.14	3.05	7.00	1.94-9.47	1.42	0.28-2.41	6.4	1.3-10.9	96

### Note

- Cooling capacity is based on 27°C DB 19°C WB (indoor temperature), 35°C DB (outdoor temperature).
- The total ability of connected indoor unit is up to 9.5kW.
- It is possible to connect the indoor unit for one room only.











## Singapore main office

### DAIKIN AIRCONDITIONING (SINGAPORE) PTE LTD

10 Ang Mo Kio Industrial Park 2, Singapore 569501

☎ 6583 8888 ✉ sales@daikin.com.sg

#### 🕒 Office Operating Hours

Monday to Friday: 8.30 am to 6.00 pm  
Sat, Sun & Public Holiday: Closed

#### 🕒 Showroom Opening Hours

Monday to Friday: 9.00 am to 6.00 pm  
Sat, Sun & Public Holiday: Closed



[www.daikin.com.sg](http://www.daikin.com.sg)

### CALL CENTER

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☎ 6311 8686

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Monday to Friday: 9.00 am to 5.00 pm  
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