



Split Air Conditioner  
**Nordic  
Collection**



FUJITSU GENERAL LIMITED

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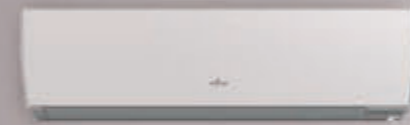
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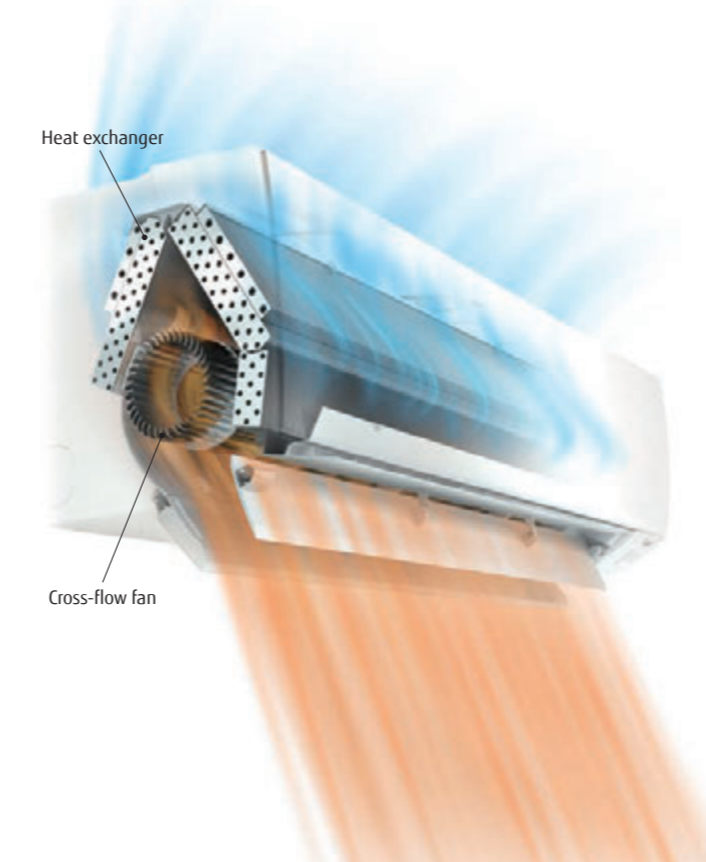
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## Fujitsu General's Air Conditioners Designed for Nordic Performance

Fujitsu General's air conditioner has been designed to handle the frigid Nordic spec. The outdoor unit has a built-in heater to keep it from freezing during the freezing cold mid-winter season. The air conditioner uses highly cold resistant components designed to prevent freezing to provide comfortable heating even when the temperatures fall to -25 °C. In addition, the high-performance DC twin rotary compressors, large heat exchanger, and Fujitsu General's proprietary PAM inverter control provide high heating capability even during low outdoor temperatures.



## Nordic Technology



## Powerful Heating

High Efficiency Heat Exchanger

**Powerful heating capacity even during low ambient temperature**  
Heating capacity at low ambient temperatures is greatly enhanced due to large heat exchanger volume and large cross-flow fan on indoor unit.

Keeps rated heating capacity even at **-15°C** outdoor temperature. (All models\*)

\*Except KMCB model

## Anti-freezing Design

High Performance Outdoor Unit

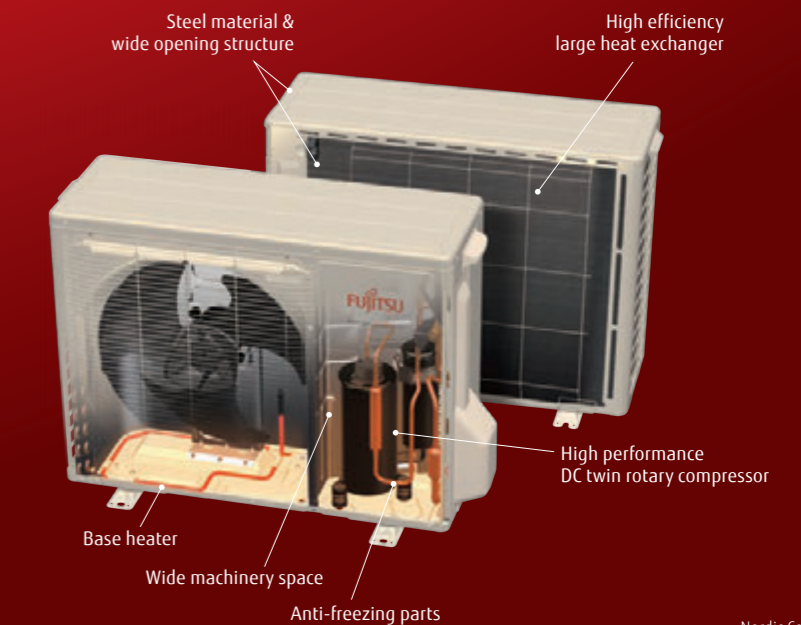
### Anti-freezing

- Steel material & wide opening structure: Avoid freezing easily
- Wide machinery space: Preventing the contact of each part even when freezing
- Base heater: Enough capacity of the heater and its best layout
- Anti-freezing parts: Wire and electronic parts under low ambient temperature correspondence

### High performance

- High efficiency large heat exchanger
- High performance DC twin rotary compressor

Corresponds to heating operation at **-25°C** outdoor air temperature. (All models)



# Nordic Collection

## Features Outline









Powerful heating capacity even during low ambient temperatures

Features for comfort and convenience to provide a pleasant lifestyle

Efficient operating system provides high energy saving performance

R32 refrigerant is highly environmentally friendly for the reduction of the global warming potential than other refrigerant.

\*KH Series, KM Series

Series	Wall Mounted			Compact Floor
	<b>KH Series</b> <b>Hi-grade range series</b> 9/12/14 class 	<b>KM Series (KMCDN)</b> <b>Standard range series</b> 9/12/14 class 	<b>KM Series (KMCB)</b> <b>Standard range series</b> 9/12/14 class 	<b>KV Series</b> <b>Standard range series</b> 9/12/14 class 
				
	Combining high energy saving and strong heating for foot zone.	Aesthetic exterior with strong heating performance.	Superior in the heating for foot zone with standard functions.	Compact body and strong heating for foot zone with standard functions.
Comfort	Powerful Heating at -15°C	Powerful Heating at -15°C	Powerful Heating at -7°C	Powerful Heating at -15°C
	Power Diffuser		Power Diffuser	2-way Airflow
	Double Swing Automatic			
Energy Saving	Save Human Sensor			
Nordic Spec.	Anti-freezing Design	Anti-freezing Design	Anti-freezing Design	Anti-freezing Design
Refrigerant	R32	R32	R32	R32



# KH

Series  
Hi-grade range series



**Wall Mounted**  
 ASYG09KHCA 9 class  
 ASYG12KHCA 12 class  
 ASYG14KHCA 14 class

**Optional parts**  
 Wireless LAN Interface\*: UTY-TFNXZ1  
 Wired Remote Controller\*: UTY-RVNYM, UTY-RNNYM  
 Simple Remote Controller: UTY-RSNYM  
 Communication kit: UTY-TWBXF1  
 External Connect Kit: UTY-XWZXZ5  
 \*The communication kit (UTY-TWBXF1) is necessary separately.



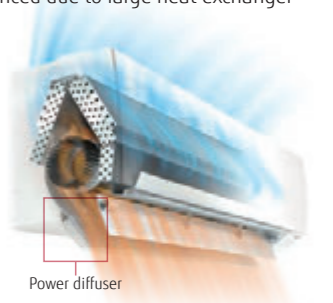
Wireless R.C. For ASYG09/12/14KHCA

## Combining high energy saving and strong heating for foot zone.

### High heating capacity till -15°C ambient!

Heating capacity at low ambient temperatures is greatly enhanced due to large heat exchanger volume and large cross-flow fan on indoor unit.

Max. Heating Capacity **7.2 kW Powerful heating!**  
\*9 class, 138% of KMCB model's



Power diffuser

### Comfort

#### Power diffuser

An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.

#### Double swing automatic

Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.



Top view

Side view



#### Powerful mode

Operation at maximum airflow and compressor speed, and quickly makes the room comfortable.

### High energy saving

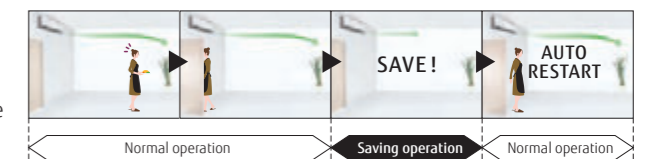
#### Achieved top rank A+++ seasonal efficiency

New KH models of 9 class achieved top rank A+++ seasonal efficiency for both heating and cooling. Fujitsu General advanced inverter technology and high performance components provide high efficiency and low energy consumption.

9 class **A+++** **SCOP: 5.21** 9 class **A+++** **SEER: 9.36**

#### Save human sensor control

Human sensor catches movement of people presence in a room. Operation adjust to reduce waste and save energy.



Normal operation

Saving operation

Normal operation

NEW

# KM

Series

Standard range series



### Wall Mounted

- ASYG09KMCDN 9 class
- ASYG12KMCDN 12 class
- ASYG14KMCDN 14 class

### Optional parts

- Wired Remote Controller: UTY-RNRYZ3, UTY-RLRY
- Simple Remote Controller: UTY-RSRY, UTY-RHRY
- Communication Kit: UTY-TWRXZ2
- External input and output PCB\*: UTY-XCSXZ2
- External Switch Controller: UTY-TERX
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV
- KNX® Converter\*: UTY-VKSX
- MODBUS® Converter\*: UTY-VMSX
- External connect kit\*: UTY-XWZXZ5

\*: These options can be used only when the wireless LAN interface is removed.



Wireless R.C.



For ASYG09KMCDN



For ASYG12KMCDN



For ASYG14KMCDN

## Aesthetic exterior with strong heating performance.

## High heating capacity till -15°C ambient!

Heating capacity at low ambient temperatures is greatly enhanced due to large heat exchanger volume and large cross-flow fan on indoor unit.

## Slim & stylish square design

Slim and stylish square design is realized by high density multipath heat exchanger and high efficiency wind blower.



## Comfort

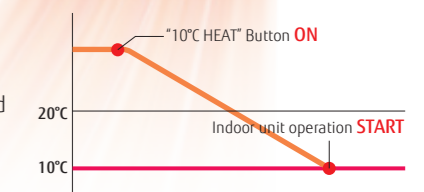
### Weekly timer

Weekly timer can be easily set by wireless remote controller. ON, OFF of the system can be set up to 4 times per day and up to 28 times per week.



### 10°C heat mode operation

When you leave, minimum heating operation is performed to maintain the room temperature.



### Smart device control

By integrated wireless LAN interface, this model can be controlled even if you are not home.



## High energy saving

### Achieved top rank seasonal efficiency

New KM models achieved top rank seasonal efficiency. Fujitsu General advanced inverter technology and high performance components provide high efficiency and low energy consumption.

All classes **A++** SCOP: 4.60



# KM

Series

Standard range series



### Wall Mounted

- ASYG09KMCB 9 class
- ASYG12KMCB 12 class
- ASYG14KMCB 14 class

### Optional parts

- Wireless LAN Interface\*: UTY-TFNXZ1
- Wired Remote Controller\*: UTY-RVNYM, UTY-RNNYM
- Simple Remote Controller: UTY-RSNYM
- Communication Kit: UTY-XCBXZ2
- External Connect Kit: UTY-XWZXZ5

\*The communication kit (UTY-XCBXZ2) is necessary separately.



Wireless R.C.



For ASYG09/12/14KMCB

## Superior in the heating for foot zone with standard functions.

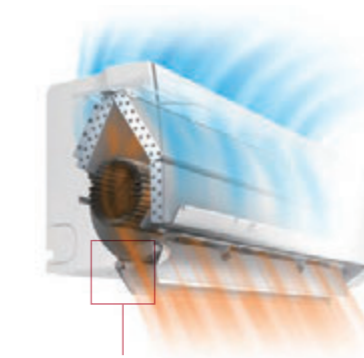
## High heating capacity till -7°C ambient!

Heating capacity at low ambient temperatures is greatly enhanced due to large heat exchanger volume and large cross-flow fan on indoor unit.

## Comfort

### Power diffuser

An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.



Power diffuser



### Powerful mode

Operation at maximum airflow and compressor speed, and quickly makes the room comfortable.



NEW

**KV**  
Series

Standard range series



**Compact Floor**

- AGYG09KVCB 9 class
- AGYG12KVCB 12 class
- AGYG14KVCB 14 class

**Optional parts**

- Wireless LAN Adapter: UTY-TFSXZ1
- Wired Remote Controller: UTY-RNRYZ3, UTY-RLRY
- Simple Remote Controller: UTY-RSRY, UTY-RHRY
- Compact Wired Remote Controller: UTY-RCRYZ1
- Communication Kit: UTY-TWRXZ3
- External Switch Controller: UTY-TERX
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV
- KNX® Converter: UTY-VKSX
- MODBUS® Converter: UTY-VMSX
- Half Concealed Kit: UTR-STA
- External connect kit: UTY-XWZXZ5



Wireless R.C.



For AGYG09/12/14KVCB

**Compact body and strong heating for foot zone with standard functions.**

**High heating capacity till -15°C ambient!**

Heating capacity at low ambient temperatures is greatly enhanced due to large heat exchanger volume and large cross-flow fan on indoor unit.

**High heating max capacity**

Top class heating capacity is achieved by high efficiency compressor. Regarding new floor 12 model, max heating capacity improved by 8.8% vs current model.

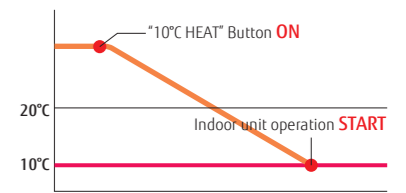
**Max. heating capacity (12 class)**

New model	6.20
current model	5.70

**Comfort**



**10°C heat mode operation**  
When you leave, minimum heating operation is performed to maintain the room temperature.



**High energy saving**

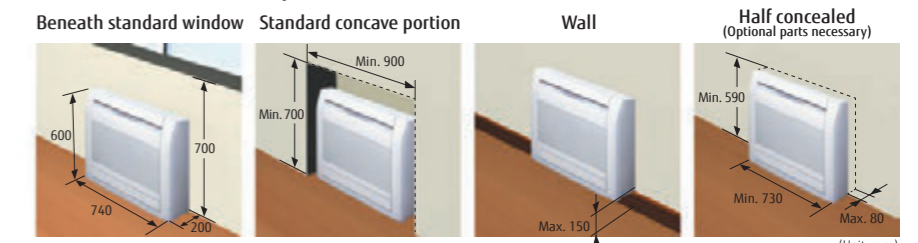
**High SCOP value for heating**

New KV models achieved top rank seasonal efficiency. Fujitsu General advanced inverter technology and high performance components provide high efficiency and low energy consumption.

**SCOP (9 class)**

New model	4.40
current model	4.20

**Flexible & easy installation**



\*Concaved position installation with conceal is prohibited.

(Unit: mm)

