KJ Series Split Air Conditioner

GENERAL

Split Air Conditioner KJ Series

Fujitsu General (Shanghai) Co., Ltd.
ISO 9001 Certification number: 74 300 4864
ISO 14001 Certification number: 74 220 0026

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REFRIGERANT R32

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Minimal Elegance

The clean lines and strong, elegant curves give it an elegant look. Its compact width allows it to be installed in narrow spaces such as above doors.

KJ Series

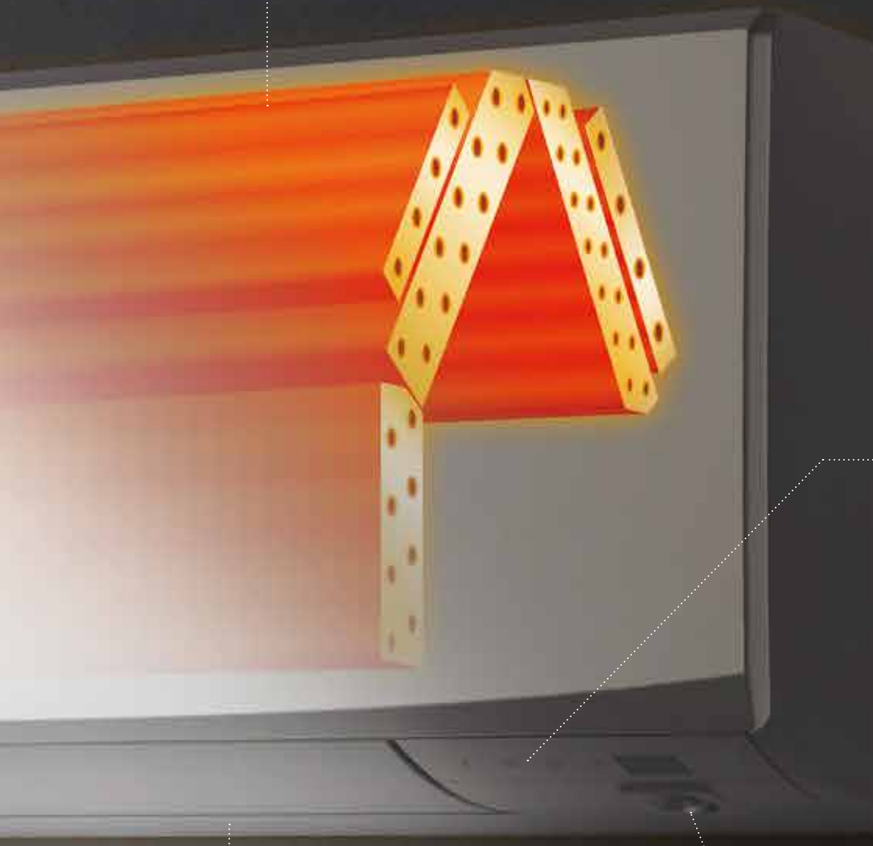
Clean & Comfort

Heat Exchanger

Over 55°C

Heat Clean: Heats the heat exchanger (aluminum fins) inside the air conditioner to over 55°C along with any accumulated water to quickly and effectively clean it. It is also effective against mold that has adhered to the heat exchanger.*

Test organization name: Kitasato Research Center for Environmental Science
Report No.: KRCES - Bio. Test Report No. 2025_1003. Mold control rate: 99% or higher after heat clean operation.
*Tested on actual equipment. (12 model) Results may vary based on usage, seasonal, and environmental variables.



19dB(A)

Sound Pressure Level
Indoor (Cooling), Quiet mode*
*07, 09 models

Low Noise Operation: Achieves quiet operation comparable to the flapping of the rustling of leaves.

- **All DC Inverter Technology:** The DC fan motor produces high power, a wide operating range, and high-efficiency.

The main unit's LED brightness can be dimmed.

This light level blends well with rooms featuring the calm atmosphere of indirect lighting. It also operates at a gentle light intensity suitable for dark bedrooms.

Outside temperature

-20°C

Heating

Powerful Heating: Even when it's so cold that it's snowing outside, it maintains powerful heating power to keep your room warm. Create a comfortable space.

Occupancy Sensor: The Occupancy sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.

Horizontal & Vertical

Double

Swing

Reach a Wide Area: Designed with a wide swing range, it delivers comfortable air to every corner of the room, creating a pleasant environment.

Energy Saving & Convenience

Individual Auto: To accommodate Europe's temperature differences between day and night, the system has a function that allows users to set separate temperatures for cooling and heating and automatically switches between them.

Setting Temperature Range Limitation: The minimum and maximum temperature range can be set giving further energy savings while considering the comfort of the occupants.

6-Step Fan Speed Control: Medium-High and Medium-Low fan speed settings have been added users can select the fan speed that suits their preferences.

Large & Bright LED Monitor

The LED monitor is equipped with a large and bright backlight, making it easy to see and operate the text.

Simple Design Interface

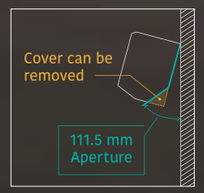
Easy-to-use remote control with slim & compact design, simple operation interface.

Wireless LAN Control: A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

Flexible Installation and Sustainable

Compatible with both Single Split and Multi Split systems. It can be installed not only in homes but also in properties with multiple rooms, such as stores and offices.

Easy Access to the Flare Pipe Connection:
Installation when left outlet piping is easier by removable under cover of the indoor unit chassis. Installation when center outlet piping is easier by design change of wall hook bracket.



Eco-friendly packaging without styrofoam

*Indoor unit only

Other Feature Explanation

Energy-Saving Features

Economy Operation
The thermostat setting is adjusted automatically according to the room temperature to avoid unnecessary cooling or heating.

Features for Comfort

Powerful Operation
Operation at maximum air flow and compressor speed, that quickly makes the room comfortable.

10°C Heat
The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

Auto Changeover
The unit automatically switches between heating and cooling modes based on the temperature setting and the room temperature.

Automatic Fan Speed
A micro-computer automatically adjusts the airflow to follow the changes in room temperature.

Auto Restart
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

Convenience Features

Sleep Timer
A micro-computer gradually changes the room temperature automatically to promote a comfortable night's sleep.

Program Timer
This digital timer allows selection of one of four options: ON, OFF, ON » OFF, or OFF » ON.

Weekly Timer
Different ON-OFF times can be set for each day.

Filter Sign
Indicates the filter cleaning period by blinking. *Factory default setting: OFF

Clean Features

Ion Deodorization Filter
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by an ultra-fine-particle ceramic.

Apple-Catechin Filter
The Apple-catechin filter uses static electricity to clean fine particles and dust from the air.

Washable Panel
Since the front panel is easy to remove, maintenance is also easy.

Indoor units: ASHH07/09/12/14KJCAL

Indoor units: ASHH07/09/12/14KJCALB

Blue Fin Heat Exchanger

Outdoor unit

Specifications

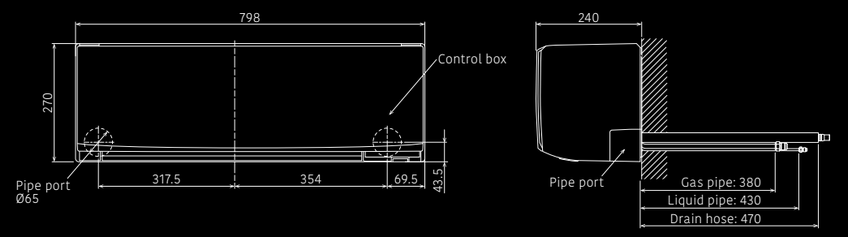
Model No.	Indoor unit			ASHH07KJCAL ASHH07KJCALB	ASHH09KJCAL ASHH09KJCALB	ASHH12KJCAL ASHH12KJCALB	ASHH14KJCAL ASHH14KJCALB
	Outdoor unit			AOHH07KJCA	AOHH09KJCA	AOHH12KJCA	AOHH14KJCA
Power Source				Single phase, 230V, ~50Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min-Max		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.3
	Heating	Rated		2.5	2.8	4.0	5.2
		Min-Max		0.9-3.6	0.9-4.5	0.9-5.4	0.9-5.9
Input Power	Cooling/Heating		kW	0.400 / 0.500	0.550 / 0.600	0.870 / 0.950	1.260 / 1.400
EER	Cooling		W/W	5.00	4.55	3.91	3.33
COP	Heating			5.00	4.67	4.21	3.71
Pdesign	Cooling/Heating(-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		W/W	9.60	9.20	8.70	7.90
SCOP	Heating (Average)			5.10	5.10	5.10	4.60
Energy Efficiency Class	Cooling			A+++	A+++	A+++	A++
	Heating (Average)			A+++	A+++	A+++	A++
Max. Operating Current	Cooling/Heating		A	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	7.0 / 9.0
Annual Energy Consumption	Cooling		kWh/a	73	95	137	186
	Heating			631	658	685	1,216
Moisture Removal			l/h	1.0	1.0	1.5	1.6
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 31 / 24 / 19	38 / 31 / 24 / 19	41 / 34 / 25 / 20	45 / 35 / 25 / 20
	Indoor (Heating)	H/M/L/Q		38 / 31 / 24 / 20	38 / 31 / 24 / 20	41 / 34 / 25 / 21	44 / 35 / 25 / 21
	Outdoor(Cooling/Heating)	High		42 / 42	44 / 44	47 / 47	47 / 52
Sound Power Level	Indoor(Cooling/Heating)	High		51 / 52	52 / 52	56 / 56	59 / 59
	Outdoor(Cooling/Heating)	High		55 / 54	56 / 55	58 / 59	59 / 63
Airflow Rate	Indoor / Outdoor (Cooling)	High	m^3/h	540 / 1,390	580 / 1,480	630 / 1,690	720 / 1,690
	Indoor / Outdoor (Heating)	High		580 / 1,350	580 / 1,420	630 / 1,690	720 / 1,860
Net Dimensions H x W x D	Indoor		mm	270 × 798 × 240	270 × 798 × 240	270 × 798 × 240	270 × 798 × 240
	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10.5	10.5
	Outdoor		kg	30	30	31	31
Connection Pipe Diameter (Liquid / Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling		°CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50
	Heating			-20 to 24	-20 to 24	-20 to 24	-20 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		kg(CO2eq-T)	0.72 (0.486)	0.72 (0.486)	0.87 (0.587)	0.87 (0.587)

Note: Specifications are based on the following conditions.
Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.
Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Optional parts

Wired remote controller (touch panel):	UTY-RNRGZ5	Communication Kit:	UTY-TWRXZ2	KNX® converter:	UTY-VKSX
Wired remote controller:	UTY-RLRG	External input and output PCB*:	UTY-XCSXZ2	MODBUS® converter:	UTY-VMSX
Simple remote controller (without operation mode):	UTY-RHRG	External Connect Kit:	UTY-XWZX	Network Converter for single split (DC power supply type):	UTY-VTGX
Simple remote controller:	UTY-RSRG		UTY-XWZXZ5	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (Design type):	UTY-RVRG	External switch controller:	UTY-TERX	Silver Ion Filter:	UTR-FA16-5
Compact wired remote controller:	UTY-RCRGZ1				

*It is required when 2 or more external input and output ports are used.

Dimensions

(Unit : mm)