

WALL SPLIT

ARUKU Series

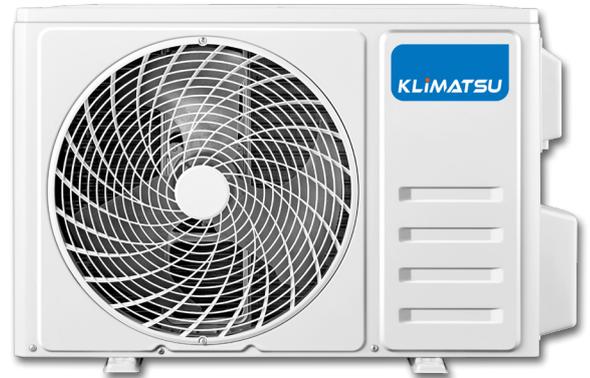
KLIMATSU

SEER
A++

wifi
INCLUDED

SCOP⁽¹⁾
A+++

R32



Your path, your journey, ... your **ARUKU**

More elegant, more comfortable

ENERGY SAVINGS



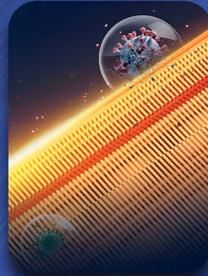
- ▶ AI 2.0 Energy Saving

COMFORTABLE



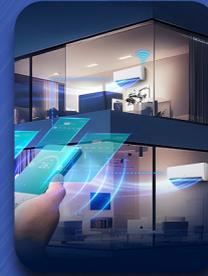
- ▶ Indirect air
- ▶ Automatic oscillation horizontal and vertical

HEALTHY



- ▶ Self-cleaning at high temperature 56 °C
- ▶ Reverse rotation external fan

WIFI



- ▶ WiFi connectivity

LOW SOUND LEVEL



- ▶ Only 22 dB (A)

State-of-the-art technology

TRIPLE EASE



- ▶ Ease of:
 - Installation
 - Setting up
 - Maintenance

ENGINEERING MODE



- ▶ Limitation of temperature range
- ▶ Mode limitation: cooling only/heating only
- ▶ Adjustment of the compensation temperature

ON / OFF



- ▶ Remote ON/OFF contact

OTA



- ▶ Software update via OTA

(1) SCOP warm climate zone, see specification table for more information.

OPTIONALS

Wired contro



XK-120D1
(CL90550)

Model		KSAR-26-H1	KSAR-35-H1	KSAR-51-H1	KSAR-71-H1		
Code		CL80501	CL80502	CL80503	CL80504		
EAN Code		8432953084059	8432953084066	8432953084073	8432953084080		
Cooling	Nominal capacity (min. ~ max.)	kW	2.62 (0.94 ~ 3.30)	3.40 (1.00 ~ 3.77)	5.14 (1.25 ~ 5.91)	7.04 (1.50 ~ 7.80)	
		frig/h	2236 (808 ~ 2838)	2923 (860 ~ 3242)	4420 (1075 ~ 5083)	6054 (1290 ~ 6708)	
	Rated consumption (min. - max.)	kW	0.81 (0.24 - 1.38)	1.13 (0.29 - 1.50)	1.56 (0.33- 2.23)	2.23 (0.39 - 2.80)	
	Pdesignc (design load)	kW	2.6	3.4	5.1	7.0	
	SEER	W/W	6.4	6.1	6.8	6.4	
	Energy labeling		A++	A++	A++	A++	
Annual electricity consumption		kWh/year	143	196	263	383	
Heating	Nominal capacity (min. ~ max.)	kW	2.70 (1.00 ~ 3.81)	3.42 (1.00 - 3.81)	5.21 (1.25 ~ 6.07)	7.08 (1.50 ~ 7.90)	
		Kcal/h	2322 (860 ~ 3277)	2941 (860 ~ 3277)	4481 (1075 ~ 5220)	6089 (1290 ~ 6794)	
	Rated consumption (min. - max.)	kW	0.72 (0.29 - 1.72)	1.05 (0.29 - 1.72)	1.37 (0.34 - 2.55)	2.17 (0.39 - 3.00)	
	Average climate zone	Pdesignh (design load)	kW	2.2	2.2	4.0	4.9
		SCOP	W/W	4.0	4.0	4.0	4.0
		Energy labeling		A+	A+	A+	A+
		Annual electricity consumption	kWh/year	770	770	1400	1715
		Tbiv (bivalent temperature)	°C	-10	-10	-10	-10
	Warm climate zone	Pdesignh (design load)	kW	2.5	2.5	5.1	5.8
		SCOP	W/W	5.1	5.1	5.2	5.1
		Energy labeling		A+++	A+++	A+++	A+++
		Annual electricity consumption	kWh/year	687	687	1374	1593
		Tbiv (bivalent temperature)	°C	2	2	2	2
	Cold climate zone	Pdesignh (design load)	kW	2.6	2.6	4.9	5.5
		SCOP	W/W	3.4	3.4	3.5	3.4
		Energy labeling		A	A	A	A
		Annual electricity consumption	kWh/year	1606	1606	2940	3398
		Tbiv (bivalent temperature)	°C	-22	-22	-22	-22
	Tol (temperature operating limit)		°C	-20	-20	-20	-20
	Dehumidification	Capacity	L/day	24.0	28.8	43.2	57.6
Indoor unit	Model		KSAR-26-H1-I	KSAR-35-H1-I	KSAR-51-H1-I	KSAR-71-H1-I	
	Code		UI80501	UI80502	UI80503	UI80504	
	EAN Code		8432953084134	8432953084141	8432953084158	8432953084165	
	Air flow (Turbo / High / Mid-high / Medium / Mid-low / Low / Mute)	Cooling	m³/h	550 / 520 / 490 / 450 / 410 / 370 / 330	550 / 520 / 490 / 450 / 410 / 370 / 330	800 / 760 / 690 / 630 / 580 / 540 / 440	1,000 / 950 / 870 / 790 / 720 / 670 / 550
		Heating	m³/h	570 / 530 / 500 / 460 / 430 / 390 / 360	570 / 530 / 500 / 460 / 430 / 390 / 360	800 / 760 / 690 / 630 / 580 / 540 / 440	1,000 / 950 / 870 / 790 / 720 / 670 / 590
	Sound pressure (Turbo / High / Mid-high / Medium / Mid-low / Low / Mute) ⁽¹⁾		dB (A)	42 / 38 / 36 / 32 / 30 / 26 / 22	42 / 38 / 36 / 32 / 30 / 26 / 22	47 / 43 / 40 / 37 / 34 / 31 / 27	48 / 46 / 44 / 41 / 39 / 36 / 30
	Sound power (Turbo / High / Mid-high / Medium / Mid-low / Low / Mute) ⁽¹⁾		dB (A)	53 / 49 / 46 / 43 / 39 / 35 / 32	53 / 49 / 46 / 43 / 39 / 35 / 32	56 / 53 / 50 / 47 / 44 / 41 / 37	58 / 56 / 54 / 51 / 49 / 46 / 40
	Dimensions (W x H x D)		mm	778 x 272 x 192	778 x 272 x 192	910 x 305 x 195	1,005 x 321.5 x 220
	Weight		kg	7.3	7.3	9	11
	Outdoor unit						
Model		KSAR-26-H1-E	KSAR-35-H1-E	KSAR-51-H1-E	KSAR-71-H1-E		
Code		UE80501	UE80502	UE80503	UE80504		
EAN Code		8432953084097	8432953084103	8432953084110	8432953084127		
Air flow rate (max.)		m³/h	1,700	1,700	2,600	3,000	
Sound pressure (High) ⁽¹⁾		dB (A)	62	62	65	67	
Sound power (High) ⁽¹⁾		dB (A)	54	54	55	57	
Dimensions (W x H x D) ⁽²⁾		mm	727 x 459 x 276	727 x 459 x 276	863 x 602 x 349	927 x 699 x 380	
Weight		kg	20	20	30	38	
Refrigerant	Type / GWP		R32 / 675				
	Load	kg	0.52	0.52	0.78	1.14	
	Equivalence CO ₂	TCO ₂ eq	0.35	0.35	0.53	0.77	
	Preload until	m	5	5	5	5	
	Additional load (from 5 m)	g/m	15	15	25	25	
Refrigeration pipes	Liquid	inch	1/4"	1/4"	1/4"	1/4"	
	Gas	inch	3/8"	3/8"	3/8"	1/2"	
	Max. length	m	25	25	25	25	
	Max. height difference	m	10	10	10	10	
Electrical data ⁽³⁾	Power supply		V-Hz-Ph 220-240 ~ 50, 1N				
	Maximum consumption (Cooling / Heating)	kW	1.38 / 1.72	1.5 / 1.72	2.35 / 2.55	2.8 / 3.0	
	Maximum intensity (Cooling / Heating)	A	8.0 / 9.0	9.0 / 10.0	12.0 / 13.0	12.6 / 13.4	
	Power cord (outdoor unit)	mm ²	2 x 1.5 + T	2 x 1.5 + T	2 x 1.5 + T	2 x 2.5 + T	
	Interconnection cable	mm ²	3 x 0.75 + T	3 x 0.75 + T	3 x 0.75 + T	3 x 0.75 + T	
Operating temperature	Indoor (Cooling / Heating)	°C	17 ~ 32 / 0 ~ 30	17 ~ 32 / 0 ~ 30	17 ~ 32 / 0 ~ 30	17 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)	°C	-15 ~ 53 / -20 ~ 30	-15 ~ 53 / -20 ~ 30	-15 ~ 53 / -20 ~ 30	-15 ~ 53 / -20 ~ 30	

Notes:

(1) The noise level values match the values obtained in a semi-anechoic chamber.

(2) Dimensions include protruding parts (valve covers, grids, handles, etc.). For detailed dimensions, please refer to the installation manual.

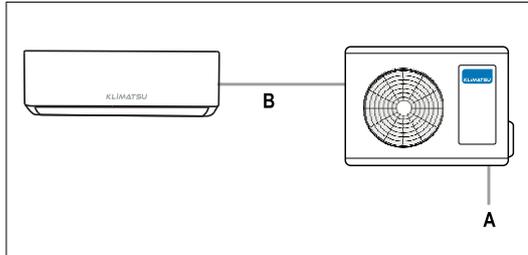
(3) The electrical wiring sections indicated are recommended, but may be higher depending on each installation, these must be adapted to the electrical regulations in force.

Warning:

- Data and specifications can be changed without previous notice.

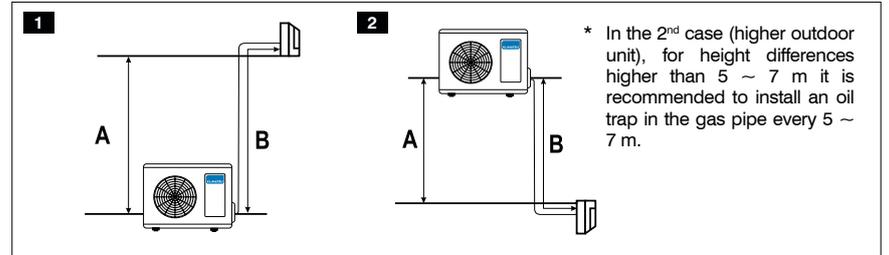
ELECTRICAL INSTALLATION

Model	Power supply cable (A)	Interconnection wiring (B)
KSAR-26-H1	2 x 1.5+T	3 x 0.75+T
KSAR-35-H1	2 x 1.5+T	3 x 0.75+T
KSAR-51-H1	2 x 1.5+T	3 x 0.75+T
KSAR-71-H1	2 x 2.5+T	3 x 0.75+T



REFRIGERATING INSTALLATION (R-32)

Model	Pipe		Max. Length (B)	Max. slope (A)	Pre-charge until (m)	Additional load (g/m)
	Liquid	Gas				
KSAR-26-H1	1/4"	3/8"	25	10	5	15
KSAR-35-H1	1/4"	3/8"	25	10	5	15
KSAR-51-H1	1/4"	3/8"	25	10	5	25
KSAR-71-H1	1/4"	1/2"	25	10	5	25



PERFORMANCE

- R32**
This unit uses a more eco-friendly refrigerant: R32. In order to install equipment with R32 refrigerant gas, you must review the current legislation.
- MAXIMUM SILENCE**
The Mute function allows you to select the ultra-quiet speed, so the sound level of the equipment is only 22 dB.
- TURBO OPERATION**
Maximum cooling/heating time reduction.
- WIDE OPERATION RANGE**
Cooling operation up to 53 °C and in heating operation down to -20 °C.
- "I FEEL" FUNCTION**
The remote control incorporates an ambient temperature sensor.
- GOLDEN FIN**
Gold-plated heat exchanger, which protects the equipment against atmospheric phenomena and the effects of aggressive environments. It also prevents the proliferation of bacteria and mold.
- ADJUSTMENT**
Function adjustment and operating parameters query using the control.
- TEMPERATURE COMPENSATION**
The remote control allows you to set the compensation temperature for heating and cooling mode.
- SETPOINT TEMPERATURE RANGE ADJUSTMENT**
The remote control is able to adjust: Minimum cooling from 16 °C up to 25 °C; Maximum heating from 31 °C up to 26 °C.
- 7 SPEEDS OF THE INTERNAL FAN**
Possibility to adjust 7 fan speed levels thanks to the DC motor.
- DIFFERENT SPEEDS OF EXTERNAL FAN**
Accurate adjustment of fan speed thanks to DC fan.

- REVERSE ROTATION**
When the equipment is stopped, the fan of the external unit rotates backwards to remove leaves or other external elements from the battery.
- AI 2.0 ENERGY SAVING**
The Inverter Technology used has a state-of-the-art AI algorithm, allowing energy savings of up to 38%.
- WiFi**
Control your air conditioning equipment from anywhere. APP Smart Life-Smart Home
- DIGITAL DISPLAY LED**
Equipment that has a digital display showing the set point temperature with the possibility of turning off the display.
- AUTOMATIC RESTART**
Recovery of the adjustments before the electrical cut.
- REFRIGERANT LEAK DETECTION**
The unit automatically detects possible refrigerant leaks in the circuit.
- REMINDER CLEANING FILTER**
The equipment tells us when to clean and / or replace the air filter of the indoor unit.
- NIGHT MODE**
It causes the unit to operate according to the preset nighttime temperature curve, which creates an ideal nighttime environment and improves sleep quality.
- LOW VOLTAGE START**
The equipment can start and run normally up to a supply voltage of 165 V.
- SUPER DC**
Equipment that has both, DC Inverter compressor and DC fan motors.
- DAILY TIMER**
The timer can be set to start and stop at any point in a 24-hour period.
- COLD AIR PROTECTION**
In heating, the initial fan speed is adjusted in accordance with the coil temperature.

- COOLING IN LOW TEMPERATURES**
Cooling operation up to -15 °C outdoor.
- AUTOMATIC MODE**
With desired temperature setting.
- "I SET" MEMORY**
Allows the main operating settings to be stored.
- HORIZONTAL AND VERTICAL LOUVER OSCILLATION**
Better air distribution thanks to the automatic louver swing, horizontal and vertical.
- EMERGENCY OPERATION**
Possibility of unit operation with the manual button in case of activation of some alarms.
- GEN MODE**
Possibility to limit energy consumption (3 levels).
- HEATING 8 °C**
The unit automatically switches to heating mode when the ambient temperature is below 8°C, thus preventing the room temperature from being too low when we are not at home.
- INDIRECT AIR**
The equipment uses the golf ball dimple design and the Coanda effect. Thanks to this, the air supply is more dispersed and prolonged. It avoids direct air to the users and improves comfort.
- AUTO-CLEANING AT 56 °C**
This function performs a high temperature self-cleaning of the indoor unit.
- REMOTE SIGNALS**
Possibility of having an ON/OFF input.