

ECO SUPER I-INVERTER

INVERTER TECHNOLOGY.
ADVANCED WI-FI OPERATION.

SUPER INNOVATION

**Wi-fi
Operation**

SUPER ADVANTAGE

**Inverter
Technology**

SUPER EFFICIENCY

A⁺ heating:
SCOP ≥ 4,0

A⁺⁺ cooling:
SEER ≥ 6,8

ADVANTAGES OF INVERTER TECHNOLOGY

Contemporary inverter technology is distinguished by its amazing energy efficiency, which is why the Eco Inverter+ Gorenje air conditioning device classifies as a heat pump. For the user, this means 40 % energy savings compared to classical air conditioning devices. With its numerous sophisticated functions, it is extremely efficient, which brings us to additional energy and financial savings.

The main advantage of inverter technology is the smart operation of the air conditioning device, which adjusts its cooling or heating power to the current temperature in the room – it strives to maintain a stable temperature by optimal regulation of the heating or cooling power, reducing heat losses due to overheating or underheating the premises in relation to the set temperature, which is a frequent problem of classical air-conditioning devices that switch on and off frequently.



WI-FI OPERATION

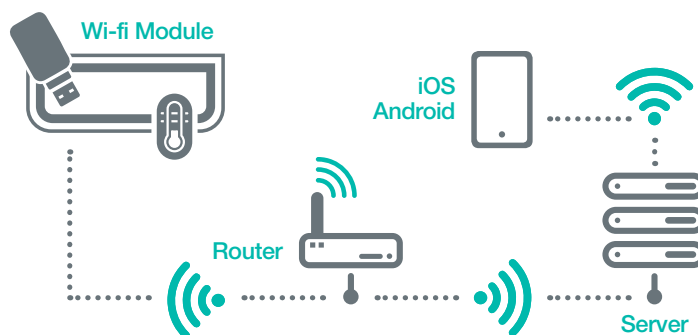
Next to classical remote controller, the Eco Super I-Inverter air conditioning device can also be operated using a free application for smart phones at home, at work, on holidays – anywhere! To monitor and change the settings or switch functions on and off, all you need is a wireless internet connection.



Upgrading your air conditioning device

Simple and reliable Wi-fi operation

If you decide for Wi-fi operation, you will receive a USB key, which you will insert into the slot on the lid. Each key has a unique QR code, ensuring complete safety, because the settings of your air conditioning device can only be accessed by you and your family. The device is operated (activation of functions, setting of the temperature etc.) through a user-friendly application called NetHome, which can be downloaded free-of-charge to your smart device (Google play or App store).



STEP 1: Lift the lid to locate the USB* slot.



STEP 2: Simply insert the USB* key into the slot.

* USB key qualifies as additional equipment and can be acquired upon order.

OUTDOOR UNIT HOUSING HEATER

Outdoor unit of the air conditioning device has a built-in heater which prevents condensation from forming on the housing, preventing freezing of the collection tank and improving the overall performance of the appliance. The heater makes the appliance work efficiently also in demanding conditions and always ensures incredible utilization rates (SCOP).



Follow me

Room thermostat

If this function is activated, the remote control takes over the role of a room thermostat. The air conditioning device regulates the temperature in the room depending on the temperature at the location where the remote controller is positioned.



Super Ionizer

Ionization and purification of air

The ionizer releases important and beneficial negative ions into the air. These ions are necessary for cell metabolism and other vital functions. The efficient filtration system removes pollen, smells, smoke and dust particles, always ensuring pure and clean air.



Modern design

Sophisticated design of new technology

The ECO SUPER I-INVERTER GORENJE air conditioning device is distinguished by a modern design, perfectly fitted for your lifestyle. Soft, rounded lines are complemented by an elegant under skin display, making a visually more attractive air conditioning device.



Frost Protection

Protecting the area from frost

With this function activated, the air conditioner will keep the space from freezing during winter months. A temperature of 8°C will be maintained.



Advanced functions:



Self Clean

Self-cleaning function

After the cooling mode is finished, the Self Clean function automatically dries the heat exchanger in the indoor unit of the air conditioning device and prepares it for future operation. This prevents the growth of mould and unpleasant smell in the air conditioning device.



Auto Restart

Automatic restart

In case of a power failure, when the power supply returns, the air conditioning device automatically reverts to the previous mode of operation.



Sleep Mode

Night mode of operation

This function enables automatic reduction of cooling/heating power by 1°C for the first two hours of operation. This mode then continues for the following 5 hours, after which it automatically switches off.



High Density Filter

High Density HEPA filter

A highly efficient HEPA filter, which captures 80 % more of dust particles than classical filters, ensuring even fresher and purer ambient air.



Low Ambient Cooling

-15 °C Cooling

Thanks to special control functions, the air conditioning device can effectively function in the cooling mode down to the temperature of -15 °C, which is a great advantage, e.g. in server rooms.



Silent Operation

Silent operation function

Smart design and excellent materials used for individual parts of the air conditioner, particularly the exchanger, fan, and flaps, allows smooth and adequate air flow through the device even at low speed. The lowest fan rotation speed directly results in more silent air conditioner operation.



Auto Swing

Automatic louver swinging

By automatic movement of horizontal louvers in a specific order, the device ensures optimum distribution and flow of cool or warm air through the room.



12 Grades Indoor Fan Speed

12 grades of indoor fan speed

The indoor fan of the air conditioning device has 12 grades, giving it exceptional adaptability, efficiency and convenience of operation in accordance with your desires.



Louver Position Memory Function

Louver position memory function

Horizontal louver will automatically move to the same position as it was the last time when the unit was turned on.



Anti-cold Air Function

Anti-cold air function

When the heating mode is switched on, this function prevents the blowing of cold air, because the speed of the fan adjusts to the temperature of the evaporator. This ensures maximum level of comfort and a more pleasant atmosphere.

Technical data:

MODEL		KAS 26 SDCINV A	KAS 35 SDCINV A	KAS 53 SDCINV A
Cooling power	W	2640	3520	5275
Consumption of electrical energy in cooling/ Operating current	W/A	750/3,3	1088/4,7	1547/6,7
Heating power	W	2930	3800	5570
Consumption of electrical energy in heating/ Operating current	W/A	770/3,4	1025/4,5	1500/6,5
Voltage/Frequency/Number of Phases	V-Hz-Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Ratio SEER/SCOP		7,4/4,2	6,8/4,2	6,8/4,0
Energy class (cooling/heating)		A++/A+	A++/A+	A++/A+
Air flow				
Indoor unit (Hi-Me-Lo)	m³/h	420/310/240	520/460/270	750/500/420
Outdoor unit	m³/h	1900	2000	2100
Sound pressure (Sound power)				
Indoor unit	dB(A)	23 (53)	24 (52)	29 (57)
Outdoor unit	dB(A)	55 (58)	53 (60)	55 (62)
Weight and dimensions				
Weight of indoor unit (net/gross)	kg	7,4/9,6	8,2/10,7	10,7/14
Dimensions of indoor unit (WxDxH)	mm	722x187x290	802x189x297	965x215x319
Weight of outdoor unit (net/gross)	kg	26,6/29	29,1/31,9	37,8/40,5
Dimensions of outdoor unit (WxDxH)	mm	770x300x555	800x333x554	800x333x554
Refrigerant connections				
Max length of pipe	m	25	25	25
Max height difference	m	10	10	15
Fluid pipe Ø	mm (inch)	Ø 6,35 (1/4")	Ø 6,35 (1/4")	Ø 6,35 (1/4")
Gas pipe Ø	mm (inch)	Ø 9,52 (3/8")	Ø 9,52 (3/8")	Ø 12,7 (1/2")
Condensate discharge Ø	mm	16	16	16
Refrigerant/filling	-/kg	R410A/0,8	R410A/0,95	R410A/1,48
Area*	m²	25	35	50
Area of operation (cooling / heating)	°C	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30

*Usable area depends on the building insulation and potential heat sources in the building.

Technical advantages:



5 Grades Outdoor Fan Speed

5 grades of outdoor fan speed

This ensures better utilisation rates of the air conditioning device and better living conditions.



2-way Draining

2-way drainage connection

Drainage, electrical and gas connection from either the left or the right side allows easier installation.



Self-diagnosis and Auto Protection

Self-diagnosis and auto-protection

If an error or defect occurs, the air-conditioning device shuts off automatically to prevent further damage. The display shows the error code, which makes it easier for the service person.



Auto Defrosting

Automatic defrosting

Prevents freezing of the evaporator and enables dehumidification at low outdoor temperatures.



Emergency Using Function

Emergency function

If air conditioning is necessary, this function allows operation and prevents shut-off even if the temperature sensor is defected.



Manual Switch Button

Manual switch button

The air conditioning device can be switched on or off using a button, without the remote control.

Gorenje d.d.

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