

Kios BS NET R32



3D AIR FLOW



GOLDEN FIN



I FEEL



REFRIGERANT
LEAKAGE CHECK



R32 REFRIGERANT



- / Energy class up to A+++
- / INVERTER technology
- / Integrated Wi-Fi
- / GOLDEN FIN treatment for improved protection against atmospheric agents

Energy class



2D INVERTER · DC
PRO tech

- / I FEEL function
- / BOOSTER function
- / Refrigerant leakage check
- / 3D AIR FLOW



/ Wi-Fi

Carefree control of the air conditioner via Wi-Fi App with extreme ease.



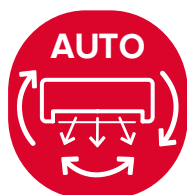
/ 2D INVERTER / 3D INVERTER*

Dual inverter in the outdoor unit for modulating the fan speed and the compressor frequency. This allows for improving efficiency and consumption management, while also controlling noise effectively. The 3D INVERTER models have an additional inverter in the indoor unit for controlling noise inside the home.



/ 3D AIR FLOW

This function uses the vertical and horizontal oscillating movement to ensure the circulation of warm/cool air to all corners of the room, guaranteeing all-round control of the air flow.



/ I FEEL

The Follow Me function allows you control the temperature in real time. You can set the temperature for the room in which the remote control is kept by sending a signal with the remote itself to the air conditioner.



| MODEL | KIOS BS NET R32 25 | KIOS BS NET R32 35 | KIOS BS NET R32 50 | KIOS BS NET R32 70 |
|-------|--------------------|--------------------|--------------------|--------------------|
|-------|--------------------|--------------------|--------------------|--------------------|

SEASONAL PERFORMANCE⁽³⁾

| | | | | | |
|---|-------|----------|----------|------------------|----------|
| SEER | | 6.1 | 6.1 | 6.1 | 6.3 |
| SCOP (moderate season) | | 4.0 | 4.0 | 4.0 | 4.0 |
| theoretical load (l) in cooling mode | kW | 2.6 | 3.4 | 5.1 | 7 |
| theoretical load (l) in heating mode (hottest season) | kW | 2.4 | 2.4 | 3.8 | 5.4 |
| annual cooling energy consumption | kWh/a | 149 | 195 | 293 | 389 |
| annual heating energy consumption (moderate season) | kWh/a | 840 | 840 | 1330 | 1890 |
| Cooling/heating function | | YES | Yes | YES | Yes |
| Reference heating season | | moderate | moderate | moderate/hottest | moderate |
| indoor/outdoor unit sound power | dB(A) | 52 / 62 | 53 / 64 | 58 / 65 | 58 / 68 |

REFRIGERANT INFORMATION

| | | | | | |
|-----------------------------|----|------|------|------|------|
| Type | | R32 | R32 | R32 | R32 |
| GWP | | 675 | 675 | 675 | 675 |
| standard refrigerant charge | kg | 0.57 | 0.57 | 1.00 | 1.20 |

POINT EFFICIENCY AND CONSUMPTION⁽²⁾

| | | | | | |
|---|-------|------------|-------------|-------------|-------------|
| nominal cooling power | W | 2630 | 3400 | 5100 | 7000 |
| | BTU/h | 8973 | 11600 | 17401 | 23884 |
| nominal heating power (moderate season) | W | 2750 | 3430 | 5100 | 7150 |
| | BTU/h | 9383 | 11703 | 17401 | 24395 |
| nominal cooling power draw (min - max) | W | 733 / 1552 | 925 / 1730 | 1374 / 2520 | 1834 / 2890 |
| nominal heating power draw (min - max) | W | 809 / 1380 | 1053 / 1500 | 1580 / 2340 | 2058 / 2910 |
| nominal EER | | 3.25 | 3.23 | 3.23 | 3.4 |
| nominal COP at 7°C/COP at -7°C | | 4.8 / 2.7 | 5.02 / 2.78 | 5.07 / 2.78 | 5.07 / 2.7 |

TECHNICAL FEATURES

| | | | | | |
|--|-------|------------------------|------------------------|------------------------|------------------------|
| indoor unit sound pressure level (min/med/max) | dB(A) | 32 / 39 / 43 / 48 / 52 | 32 / 39 / 43 / 48 / 53 | 36 / 43 / 47 / 50 / 58 | 43 / 46 / 49 / 53 / 58 |
| outdoor unit maximum sound pressure | dB(A) | 62 | 64 | 65 | 68 |
| indoor unit nominal air flow rate | m³/h | 550 | 550 | 800 | 1200 |
| outdoor unit nominal air flow rate | m³/h | 1900 | 1900 | 2600 | 2700 |
| dehumidification power | l/h | 1 | 1.2 | 1.5 | 1.8 |

INSTALLATION FEATURES

| | | | | | |
|--|-------------|-------------------|-------------------|-------------------|--------------------|
| Indoor unit condensate drainage pipe position | | Not available | Not available | Not available | Not available |
| indoor/outdoor unit IP protection rating | | IPX0 / IP24 | IPX0 / IP24 | IPX0 / IP24 | IPX0 / IP24 |
| power supply and number of phases | Hz - V - Ph | 220-240V~/50Hz/1P | 220-240V~/50Hz/1P | 220-240V~/50Hz/1P | 220-240V~/50Hz/1Ph |
| Max fuse amperage | A | 16 | 16 | 16 | 25 |
| liquid pipe diameter | inches | 1/4 | 1/4 | 1/4 | 1/4 |
| gas pipe diameter | inches | 3/8 | 3/8 | 3/8 | 1/2 |
| Type of compressor | | Rotary | Rotary | Rotary | Rotary |
| maximum connection length with standard charge | m | 5 | 5 | 5 | 5 |
| max connection length | m | 25 | 25 | 25 | 25 |
| maximum height difference between indoor and outdoor units | m | 10 | 10 | 10 | 10 |
| supplementary refrigerant recharge | g/m | 15 | 15 | 25 | 25 |
| max-min outdoor temperatures in cooling mode | °C | -15-53 | -15-53 | -15-53 | -15-53 |
| max-min outdoor temperatures in heating mode | °C | -20-30 | -20-30 | -20-30 | -20-30 |

WEIGHTS AND DIMENSIONS


| | | | | | |
|---|----|-------------|-------------|-------------|--------------|
| indoor unit dimensions (LxHxW) | mm | 777×250×201 | 777×250×201 | 910×294×206 | 1186×340×258 |
| indoor unit packaging dimensions (LxHxW) | mm | 840×315×260 | 840×315×260 | 979×372×277 | 1262×420×337 |
| indoor unit weight (net/gross) | kg | 8 / 10.5 | 8 / 10.5 | 10 / 13 | 17 / 20 |
| outdoor unit dimensions (LxHxW) | mm | 777×498×290 | 777×498×290 | 853×602×349 | 920×699×380 |
| outdoor unit packaging dimensions (LxHxW) | mm | 818×520×325 | 818×520×325 | 890×628×385 | 960×732×400 |
| outdoor unit weight (net/gross) | kg | 24 / 26 | 24 / 26 | 35 / 38 | 40 / 43 |

⁽¹⁾ Theoretical load, as per delegated Commission Regulation (EC) no. 626/2011 dated 4 May 2011

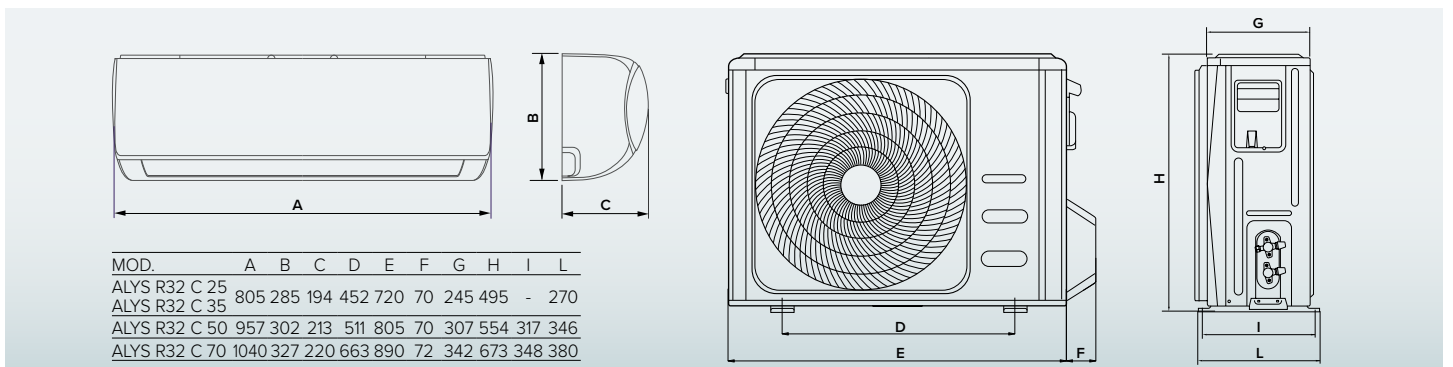
⁽²⁾ The nominal conditions refer to 35°C/27°C (outdoor/indoor) for cooling and 7°C/20°C (outdoor/indoor) for heating, measured according to the EN 14511 standard

⁽³⁾ The seasonal conditions are measured according to the EN 14825 standard

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| | | | | | |
|--|--|----------------|----------------|----------------|-----|
|  | cooling energy class | A++ | A++ | A++ | A++ |
| | heating energy class (hottest season) | A+++ | A+++ | A+++ | A++ |
| | heating energy class (moderate season) | A+ | A+ | A+ | A+ |
| Indoor unit code | 3381431 | 3381432 | 3381433 | 3381434 | |
| Outdoor unit code | 3381435 | 3381436 | 3381437 | 3381438 | |
| System code (indoor unit + outdoor unit) | 3381552 | 3381553 | 3381554 | 3381555 | |

For the full list of accessories, consult the table on page 62. For the full list of features, consult the table on pages 24-25.



Main features

| | | KIOS BS R32 25 MUJO | KIOS BS R32 35 MUJO | KIOS BS R32 50 MUJO | KIOS BS R32 70 MUJO | |
|------------|-------------------------------------|---|---------------------|---------------------|---------------------|---|
| Efficiency | R32 | Air conditioner filled with R32 unmixed refrigerant gas, with reduced CO ₂ emissions and with a GWP of 675 | • | • | • | • |
| | SELF-CLEANING | This function makes it easier to remove accumulated dirt, bacteria and other dangerous substances from the evaporator. | • | • | • | • |
| | GOLDEN FIN | Hydrophilic treatment carried out on the thermal exchange batteries that facilitates drainage of the condensate water, speeds up defrosting while increasing energy efficiency and protects the outdoor unit against acid rain, salty air and corrosive elements. | • | • | • | • |
| | OPTIMISED PIPE CROSS-SECTION | Compared to conventional pipes, the trapezoidal section of the new pipes allows more refrigerant to flow through them, thus increasing energy efficiency. | • | • | • | • |
| | MULTI-SECTION EVAPORATOR | Due to the compact size of the indoor unit, the multi-section evaporator optimises the space for heat exchange and increases the thermal efficiency. | • | • | • | • |
| | 3D INVERTER DC | Modulates the compressor frequency and the indoor and outdoor fan speeds. | - | - | • | • |
| | 2D INVERTER DC | Modulates the compressor frequency and the outdoor fan speed. | • | • | - | - |
| Comfort | I FEEL | The air conditioning unit's operation depends on the remote control sensor, which detects the actual temperature of the room in which it is located. | • | • | • | • |
| | SLEEP FUNCTION | With this function, the air conditioning unit sets an ultra-low fan speed for the indoor unit, keeping the room extremely silent. | • | • | • | • |
| | INDOOR 6-SPEED FAN | The air conditioner has 3 speeds: Low, Medium and High. With these speeds, added to those of the sleep, turbo and auto functions, the air conditioner has a total of 6 air flow speeds. | • | • | • | • |
| | OUTDOOR 5-SPEED FAN | The 5-speed outdoor unit DC fan motor increases energy efficiency and reduces running noise to a minimum. | • | • | • | • |
| | 3D AIR FLOW | This function uses the vertical and horizontal oscillating movement to ensure the circulation of warm/cool air to all corners of the room, guaranteeing all-round control of the air flow. | • | • | • | • |
| | SMART COMFORT | In cooling mode, the air flow is directed upwards, while in heating mode it is directed vertically downwards. This ensures an even temperature distribution throughout the room, thus optimising comfort. | • | • | • | • |
| | TURBO FUNCTION | This function allows the unit to reach the set temperature in the shortest possible time. | • | • | • | • |
| | AUTO FUNCTION | The fan mode and speed are set automatically depending on the room temperature detected. | • | • | • | • |
| | DISPLAY OFF | Shuts the indoor unit's display off to enhance comfort, especially at night. | • | • | • | • |

Main features

| | | KIOS BS R32 25 MUJO | KIOS BS R32 35 MUJO | KIOS BS R32 50 MUJO | KIOS BS R32 70 MUJO | |
|------------|--|--|------------------------|------------------------|------------------------|---|
| Well-being | SLEEP | Adjusts the temperature automatically in order to make the room more comfortable at night. | • | • | • | • |
| | ANTI-MOULD FUNCTION | This function allows the air conditioner to continue blowing air for roughly 15 minutes to dry the internal parts and prevent the build-up of mould when it is switched off. | o | o | o | o |
| | WASHABLE DUST FILTER | Removes any inclusions present in the air. | • | • | • | • |
| | 53°C STRONG COOLING IN HIGH TEMPERATURE | Thanks to the air-cooled technology the AC can work and provide high capacity even if the outside temperature is as high as 53°C. | • | • | • | • |
| | REFRIGERANT LEAKAGE CHECK | The air conditioner detects refrigerant leaks and shows an error message on the indoor unit's display. | • | • | • | • |
| | INVISIBLE DISPLAY | The display is positioned behind the indoor unit's panel for a more stylish look. | • | • | • | • |
| | FLAP AUTO MEMORY | Before it shuts off, the air conditioner saves the last position of the flap and restores it when next switched on. | • | • | • | • |
| | TIMER | Allows you to turn the air conditioning unit on or off at the desired time. | • | • | • | • |
| | SELF CLEAN | Cleans and dries the evaporator automatically, preparing it for best performance the next time it runs. | • | • | • | • |
| | SELF-DIAGNOSTICS | The air conditioner's micro-computer monitors malfunctions and shuts the unit down accordingly, indicating the respective error codes on the indoor unit's display. | • | • | • | • |
| | AUTO-RESTART | When power is restored after a power failure, the air conditioner starts again with the previous settings, such as operating mode, temperature, fan speed and flap position. | • | • | • | • |
| | RUSTPROOFING | The outdoor unit's housing is rustproofed to prevent rust forming over time. | • | • | • | • |
| | FLEXIBLE CONDENSATE DISCHARGE | The indoor unit's condensate drainage pipe can be positioned on the same side as the refrigerant pipes or on the opposite side, for more flexible installation. | • | • | • | • |

KEY

- standard supply
- o optional
- not available