

PHENIX E

The most energy efficient monosplit



HIGH EFFICIENCY

High-performance R32 refrigerant gas with maximum technological efficiency, up to energy class A+++.



STERILISATION AT 56°C

High temperature sterilisation cycles of the evaporator to prevent bacteria from forming and to improve the quality of air.



IONIZER AND AIR QUALITY TECH

The treated air is subjected to an ionising action and purified with anti-dust filters, activated carbon and cold catalytic filters.



WI-FI KIT INCLUDED

To ensure Wi-Fi connection to the air conditioner, simply install the special USB key (included in the package) and download the OS Comfort app.

FEATURES

High-performance inverter technology
Coolant gas R32
Energy efficiency class A+++ in cooling
Remote control supplied
Golden Fin treatment on the battery of the outdoor unit, to prevent the corrosive action of atmospheric agents and improve performance efficiency.

FUNCTIONS

**Cooling, heating, dehumidification and ventilation
Timer, Auto, Eco, Sleep, Silent and Turbo functions**

Follow Me function: precise temperature detection in the point where the remote control is located.

Breeze away and Swing functions: prevents direct air jets and automatically adjusts the air flow (horizontal and vertical)

Gear function: 3 power options (50-75-100%) to optimise energy consumption.

Auto-Restart function: after a power failure, it restarts at the last function set.

Auto-Diagnosis function: in the event of a failure, the display shows the error code.



Fixed air conditioners technical data

| | | | | NEW | NEW | NEW | NEW | |
|--|---|-------------|------------------------|-------------------------|---------------------------|----------------------------|-------------------------|--------------------------|
| | | | Phenix E inverter 9 | Phenix E inverter 12 | Alyas Pro E Inverter 9 | Alyas Pro E Inverter 12 | Mystral E inverter 9 | Mystral E inverter 12 |
| INDOOR UNIT CODE | | | OS-SEPH09EI | OS-SEPH12EI | OS-SENOH09EI | OS-SENOH12EI | OS-SEMLH09EI | OS-SEMLH12EI |
| INDOOR UNIT EAN CODE | | | 8021183117424 | 8021183117431 | 8021183115864 | 8021183115895 | 8021183118919 | 8021183118940 |
| OUTDOOR UNIT CODE | | | OS-CEPH09EI | OS-CEPH12EI | OS-CENOH09EI | OS-CENOH12EI | OS-CEMLH09EI | OS-CEMLH12EI |
| OUTDOOR UNIT EAN CODE | | | 8021183117448 | 8021183117455 | 8021183115871 | 8021183115901 | 8021183118926 | 8021183118957 |
| PRODUCT CODE | | | OS-C/SEPH09EI | OS-C/SEPH12EI | OS-C/SENOH09EI | OS-C/SENOH12EI | OS-C/SEMLH09EI | OS-C/SEMLH12EI |
| EAN CODE | | | 8021183117486 | 8021183117493 | 8021183115857 | 8021183115888 | 8021183118902 | 8021183118933 |
| Output power in cooling mode (min/rated/max) | | kW | 1,03/2,64/3,23 | 1,38/3,52/4,31 | 0,91/2,64/4,40 | 0,93/3,52/4,75 | 0,94/2,63/3,4 | 1/3,4/3,77 |
| Output power in heating mode (min/rated/max) | | kW | 0,82/2,93/3,37 | 1,07/3,81/4,38 | 0,79/2,86/6,30 | 0,98/3,83/6,50 | 0,94/2,75/3,5 | 1/3,43/3,81 |
| Absorbed power in cooling mode (min/rated/max) | | kW | 0,08/0,62/1,10 | 0,13/1,01/1,65 | 0,05/0,60/1,55 | 0,05/0,98/1,59 | 0,24/0,809/1,38 | 0,29/1,053/1,5 |
| Absorbed power in heating mode (min/rated/max) | | kW | 0,70/0,65/0,99 | 0,16/0,98/1,56 | 0,14/0,65/2,10 | 0,17/1,03/2,13 | 0,24/0,733/1,552 | 0,29/0,925/1,73 |
| Current consumption in cooling mode (min/rated/max) | | A | 0,35/2,73/4,78 | 0,6/4,37/7,2 | 0,5/4,0/7,0 | 0,5/4,2/7,0 | 1,2/4,6/8,0 | 1,5/5,1/9,0 |
| Current consumption in heating mode (min/rated/max) | | A | 0,32/2,83/4,32 | 0,7/4,24/6,78 | 1,0/4,22/9,2 | 1,2/4,5/9,4 | 1,2/4,1/9,0 | 1,5/4,6/10,0 |
| EER | | | 4.2 | 3.5 | 4.40 | 3.60 | 3.25 | 3.23 |
| COP | | | 4.5 | 3.9 | 4.41 | 3.71 | 3.73 | 3.71 |
| Maximum power consumption in cooling mode | | W | 2200 | 2200 | 2350 | 2350 | 1380 | 1500 |
| Maximum power consumption in heating mode | | W | 2200 | 2200 | 2350 | 2350 | 1552 | 1730 |
| Energy efficiency class in cooling | | | A+++ | A+++ | A+++ | A++ | A++ | A++ |
| Energy efficiency class in heating mode - Average season | | | A++ | A++ | A++ | A++ | A+ | A+ |
| Energy efficiency class in heating mode - Warmer season | | | A+++ | A+++ | A+++ | A+++ | - | - |
| Energy efficiency class in heating mode - Cold season | | | - | - | A | A | - | - |
| Energy consumption in cooling mode | kWh/year | kWh/year | 107 | 157 | 111 | 155 | 149 | 195 |
| Annual energy consumption in heating mode - Average season | kWh/year | kWh/year | 744 | 797 | 792 | 852 | 840 | 840 |
| Annual energy consumption in heating mode - Warmer season | kWh/year | kWh/year | 630 | 723 | 762 | 762 | - | - |
| Annual energy consumption in heating mode - Cold season | kWh/year | kWh/year | - | - | 2156 | 2156 | - | - |
| DESIGN LOAD (EN 14825) | Cooling | Pdesignc kW | 2.6 | 3.5 | 2.7 | 3.5 | 2.6 | 3.4 |
| | Heating / Average | Pdesignh kW | 2.4 | 2.6 | 2.6 | 2.8 | 2.4 | 2.4 |
| | Heating / Warmer | Pdesignh kW | 2.7 | 3.1 | 2.7 | 2.7 | - | - |
| | Heating / Colder | Pdesignh kW | 3 | 3.3 | 3.9 | 3.9 | - | - |
| SEASONAL EFFICIENCY (EN14825) | Cooling | SEER | 8.8 | 8.5 | 8.5 | 8.1 | 6.1 | 6.1 |
| | Heating / Average | SCOP (A) | 4.6 | 4.6 | 4.6 | 4.6 | 4 | 4 |
| | Heating / Warmer | SCOP (W) | 6 | 6 | 5.1 | 5.1 | - | - |
| | Heating / Colder | SCOP (C) | 3.5 | 3.5 | 3,8 | 3,8 | - | - |
| INDOOR UNIT | Sound power (EN 12102) | LWA dB(A) | 54 | 55 | 56 | 55 | 52 | 52 |
| | Sound pressure (max/med/min/silence) | dB(A) | 37/31/22/- | 39/33/22/- | 42/35/25/21,5 | 41/35/25/22 | 38/33/30/22 | 38/33/30/22 |
| | Air flow rate in cooling mode (max/med/min) | m³/h | 510/360/300 | 520/370/310 | 611/479/360 | 611/479/360 | 510/430/390 | 520/450/390 |
| | Air flow rate in heating mode (max/med/min) | m³/h | 510/360/300 | 520/370/310 | 611/479/360 | 611/479/360 | 510/430/390 | 520/450/390 |
| | Fan speed | giri/min | 1050 / 450 | 1100/900/750 | / | / | 1150/950/850 | 1150/950/850 |
| | Degree of protection | | / | / | IPX0 | IPX0 | IPX0 | IPX0 |
| | Dimensions (WxHxD) | mm | 835x208x295 | 835x208x295 | 802x297x189 | 805x285x194 | 777x250x201 | 777x250x201 |
| | Weight (without packaging) | kg | 8,7 | 8,7 | 8,5 | 8,5 | 8 | 8 |
| OUTDOOR UNIT | Sound power (EN 12102) | LWA dB(A) | 58 | 61 | 64 | 65 | 62 | 62 |
| | Sound pressure | dB(A) | 54 | 54,5 | 55,5 | 55,5 | 52 | 52 |
| | Air flow rate (max) | m³/h | 2150 | 2200 | 2000 | 2000 | 1900 | 1900 |
| | Fan speed | giri/min | 780/450 | 800/450 | 850/650/450 | 850/650/450 | 850 | 910 |
| | Degree of protection | | IP24 | IP24 | IP24 | IP24 | IPX4 | IPX4 |
| | Dimensions (WxHxD) | mm | 765x555x303 | 765x555x303 | 800x554x333 | 800x554x333 | 777x498x290 | 777x498x290 |
| | Weight (without packaging) | kg | 26,7 | 26,7 | 34,7 | 34,7 | 24 | 24 |
| | Dehumidification capacity | l/h | 1,5 | 1,5 | 1,0 | 1,2 | 1 | 1,2 |
| | Connecting liquid pipeline diameter | inch - mm | 1/4" - 6,35 | 1/4" - 6,35 | 1/4" - 6,35 | 1/4" - 6,35 | 1/4"-6,35 | 1/4"-6,35 |
| | Connecting gas pipeline diameter | inch - mm | 3/8" - 9,52 | 3/8" - 9,52 | 3/8" - 9,52 | 3/8" - 9,52 | 3/8"-9,52 | 3/8"-9,52 |
| | Maximum piping length | m | 25 | 25 | 25 | 25 | 25 | 25 |
| | Maximum height difference | m | 10 | 10 | 10 | 10 | 10 | 10 |
| Refrigerant increase (over 5 m of pipes) | g/m | 12 | 12 | 12 | 12 | 15 | 15 | |
| Maximum operating pressure | MPa | 4,3/1,7 | 4,3/1,7 | 4,3/1,7 | 4,3/1,7 | 3,7 | 3,7 | |
| Refrigerant gas* | Type | R32 | R32 | R32 | R32 | R32 | R32 | |
| Global warming potential | GWP | 675 | 675 | 675 | 675 | 675 | 675 | |
| Refrigerant gas charge | kg | 0,62 | 0,62 | 0,87 | 0,87 | 0,57 | 0,57 | |
| LIMITS OF OPERATING CONDITIONS | | | | | | | | |
| Indoor ambient temperature | Maximum temperature in cooling | | DB 32°C | | DB 32°C | | DB 32°C | |
| | Minimum temperature in cooling | | DB 16°C | | DB 17°C | | DB 17°C | |
| | Maximum temperature in heating | | DB 30°C | | DB 30°C | | DB 30°C | |
| | Minimum temperature in heating | | DB 0°C | | DB 0°C | | DB 0°C | |
| Outdoor ambient temperature | Maximum temperature in cooling | | DB 50°C | | DB 43°C | | DB 53°C | |
| | Minimum temperature in cooling | | - | | - | | - | |
| | Maximum temperature in heating | | DB 24°C | | DB 30°C | | DB 30°C | |
| | Minimum temperature in heating | | DB -15°C | | DB -22°C | | DB -20°C | |

The declared data relate to the conditions provided for in EN 14511, EN 14825 and EU Delegated Regulation 626/2011. The actual power consumption of the product, in conditions of real use, may differ from what is indicated. The data are subject to change and modification without prior notice.

*Non-hermetically sealed equipment containing fluorinated gas with GWP equivalent to 675.