

# SPLIT AIR Conditioner NORD

## Features

- Outdoor unit heater (heating belt)
- Low temperature heating
- Energy class A+++
- High efficiency DC Inverter split
- Remote control
- WIFI module (USB)
- Healthy filters
- 4D airflow
- Gentle cool wind
- Self cleaning/56°C high temp
- Anti-Cold Air
- Auto mode
- 6-fan speed
- I feel mode
- Intelligent defrost
- Children lock
- Eco mode



## Mobile App (TUYA standard):



## Specification:

| NORD 09K WIFI V1                           |         |       | NORD 12K WIFI V1                                             | NORD 18K WIFI V1                                             |
|--------------------------------------------|---------|-------|--------------------------------------------------------------|--------------------------------------------------------------|
| Type                                       |         |       | heating pump                                                 | heating pump                                                 |
| Control type                               |         |       | remote controller                                            | remote controller                                            |
| Declared cooling capacity                  | W       |       | 2610(940~3700)                                               | 3510(1000~4600)                                              |
| Declared heating capacity                  | W       |       | 3000(940~4000)                                               | 3800(1000~4900)                                              |
| Pdesignnc                                  | W       |       | 2600                                                         | 3500                                                         |
| SEER declared                              | W/W     |       | 8,5                                                          | 8,5                                                          |
| Energy Class                               |         |       | A+++                                                         | A+++                                                         |
| Pdesignh Average                           | W       |       | 2400                                                         | 2600                                                         |
| SCOP Average declared                      | W/W     |       | 4,6                                                          | 4,6                                                          |
| Energy Class(Average)                      |         |       | A++                                                          | A++                                                          |
| Declare capacity(-10°C)                    | W       |       | 2300                                                         | 2400                                                         |
| Back up heating capacity(-10°C)            | W       |       | 100                                                          | 200                                                          |
| Pdesignh warmer                            | W       |       | 2500                                                         | 3300                                                         |
| SCOP Warmer declared                       | W/W     |       | 5,6                                                          | 5,6                                                          |
| Energy Class(Warmer)                       |         |       | A+++                                                         | A+++                                                         |
| Declare capacity(2°C)                      | W       |       | 2500                                                         | 3300                                                         |
| Back up heating capacity(2°C)              | W       |       | 0                                                            | 0                                                            |
| Pdesignh colder                            | W       |       | 2700                                                         | 3500                                                         |
| SCOP Colder declared                       | W/W     |       | 3,4                                                          | 3,4                                                          |
| Energy Class(Colder)                       |         |       | A                                                            | A                                                            |
| Annual energy consumption                  | Cooling | kwh/a | 108                                                          | 145                                                          |
|                                            | Average | kwh/a | 731                                                          | 792                                                          |
|                                            | Warmer  | kwh/a | 625                                                          | 825                                                          |
|                                            | Colder  | kwh/a | 1668                                                         | 2162                                                         |
| Indoor sound power(S/H/M/L/Mute)           |         | dB(A) | 52/48/43/37/31                                               | 53/48/43/38/32                                               |
| Outdoor sound power                        |         | dB(A) | 61                                                           | 63                                                           |
| Indoor sound pressure(S/H/M/L/Mute)        |         | dB(A) | 42/38/33/27/21                                               | 43/38/33/29/22                                               |
| Outdoor sound pressure                     |         | dB(A) | 51                                                           | 53                                                           |
| Electrical Data                            |         |       |                                                              |                                                              |
| Power supply                               |         |       | 220-240V~/50Hz/1P                                            | 220-240V~/50Hz/1P                                            |
| Power supply side                          |         |       | Outdoor                                                      | Outdoor                                                      |
| Voltage Range                              | V       |       | 165~265                                                      | 165~265                                                      |
| Operating current                          | Cooling | A     | 3,3(1.2~8.1)                                                 | 4.6(1.5~9.2)                                                 |
|                                            | Heating | A     | 3,7(1.2~9.0)                                                 | 4.4(1.5~10.0)                                                |
| Power consumption                          | Cooling | W     | 699(240~1380)                                                | 1000(290~1510)                                               |
|                                            | Heating | W     | 740(240~1552)                                                | 970(290~1730)                                                |
| Refrigerating System                       |         |       |                                                              |                                                              |
| Refrigerant type/Charge/GWP/CO2 equivalent |         |       | R32/0.45kg/675/0.304tonnes                                   | R32/0.63kg/675/0.426tonnes                                   |
| Compressor                                 | Type    |       | Rotary                                                       | Rotary                                                       |
| Indoor air circulation Cooling/heating     | m³/h    |       | 560/560                                                      | 670/670                                                      |
| Indoor fan speed S/H/M/L/Mute              | Cooling | rpm   | 1250/1080/920/800/700                                        | 1250/1100/850/750/650                                        |
|                                            | Heating | rpm   | 1150/1100/1000/900/850                                       | 1250/1100/920/800/750                                        |
|                                            | Dry     | rpm   | 800                                                          | 750                                                          |
|                                            | Sleep   | rpm   | /                                                            | /                                                            |
| Outdoor air circulation                    | m3/h    |       | 2200                                                         | 2200                                                         |
| Outdoor fan speed(S/H/M/L/Mute)            | rpm     |       | Cooling: 900/810/730/610/450<br>Heating: 910/910/730/610/450 | Cooling: 900/870/830/670/650<br>Heating: 910/910/850/770/650 |

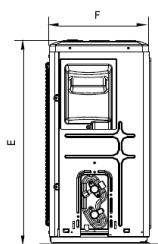
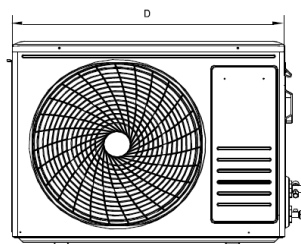
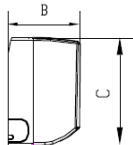
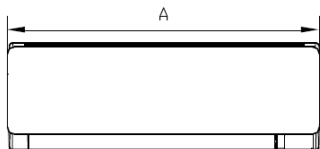


| Connections                  |             |        |                               |                               |                               |
|------------------------------|-------------|--------|-------------------------------|-------------------------------|-------------------------------|
| Connecting Wiring            | Core x Size |        | 5×1.0mm <sup>2</sup>          | 5×1.0mm <sup>2</sup>          | 5×1.0mm <sup>2</sup>          |
| Expansion device             |             |        | EEV                           | EEV                           | EEV                           |
| Connecting Pipe              | Gas         | Inches | 3/8"                          | 3/8"                          | 1/2"                          |
|                              | Liquid      | Inches | 1/4"                          | 1/4"                          | 1/4"                          |
| Others                       |             |        |                               |                               |                               |
| Max. refrigerant pipe length | m           |        | 25                            | 25                            | 25                            |
| Max. difference in level     | m           |        | 10                            | 10                            | 10                            |
| Operation temperature range  | °C          |        | 16-31                         | 16-31                         | 16-31                         |
| Ambient temperature range    | Outdoor     | °C     | Cooling:-15-53/Heating:-25-30 | Cooling:-15-53/Heating:-25-30 | Cooling:-15-53/Heating:-25-30 |
|                              | Indoor      | °C     | Cooling:17-32/Heating:0-30    | Cooling:17-32/Heating:0-30    | Cooling:17-32/Heating:0-30    |
| Net weight                   | Indoor      | kg     | 8,5                           | 9,5                           | 13                            |
|                              | Outdoor     | kg     | 23                            | 25                            | 37                            |

## Dimmensions:

|                         | A      | B     | C     | D     | E     | F     |
|-------------------------|--------|-------|-------|-------|-------|-------|
| <b>NORD 09K WIFI V1</b> | 790mm  | 192mm | 275mm | 795mm | 549mm | 305mm |
| <b>NORD 12K WIFI V1</b> | 820mm  | 195mm | 306mm |       |       |       |
| <b>NORD 18K WIFI V1</b> | 1100mm | 222mm | 333mm | 920mm | 699mm | 380mm |

## Technical drawing:



## Efficiency labels:

