

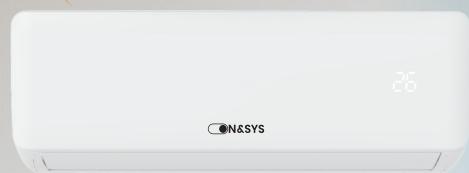


XTREME PRIME

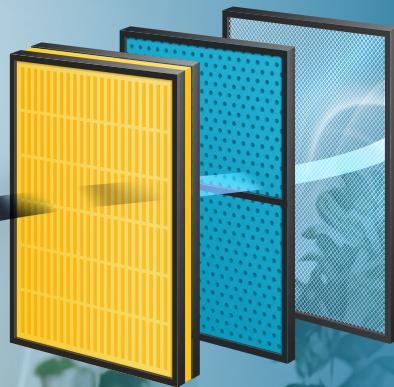


[www.onandsyshome.com](http://www.onandsyshome.com)

**PRIME** **XTREME**



**3-in-1  
Filtration  
Technology**



**Up to 65%  
Energy Saving**

**Fast Cooling  
Within 30 Sec.**





## Highest quality compressor

Guaranteed energy efficiency and reliability

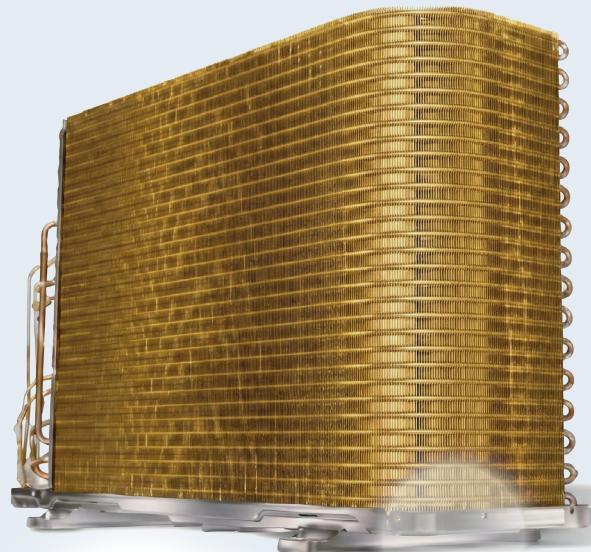
The inverter rotary compressor used in ON&SYS air conditioners ensures reliable and efficient operation, along with the highest energy efficiency parameters. It also provides low operational costs and a reduced level of generated noise. Durable, high-quality materials used in the compressor's construction contribute to its long-lasting and faultless performance.

- Energy savings, increase in efficiency by **5%**
- High reliability, lifespan of up to **20 years**
- Noise reduction by **3db**

## Gold-plated heat exchanger fins

Protection against corrosion for an even longer lifespan

The heat exchanger surfaces in both the indoor and outdoor units have been coated with a unique gold layer, effectively preventing bacterial growth and enhancing the heating efficiency of the devices. It is also more resistant to oxidation and corrosion than the standard blue coating, thereby further extending the lifespan of the equipment



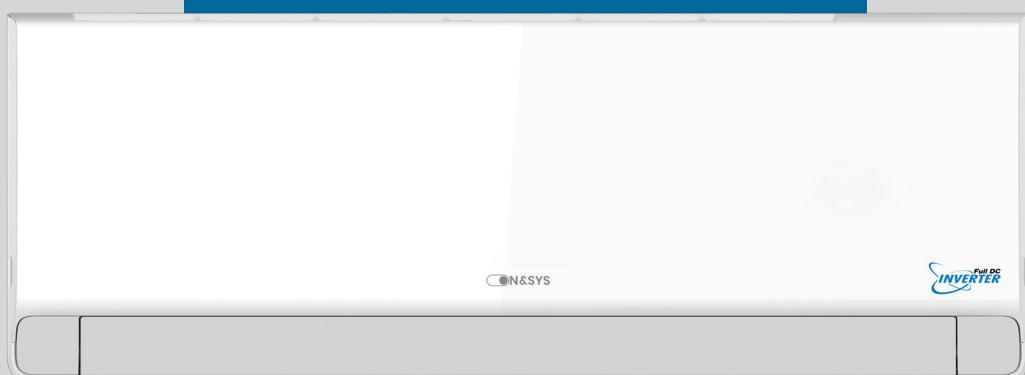
## Intelligent defrosting

Efficient operation in heating mode

The air conditioner initiates the defrost mode only when necessary and for the duration required to defrost the heat exchanger, enabling almost uninterrupted operation in heating mode. The intelligent defrost system improves energy efficiency by 5% and increases heating efficiency by up to 20% in low outdoor temperatures.



ON&SYS



**PRIME** *Full DC*  
**INVERTER**



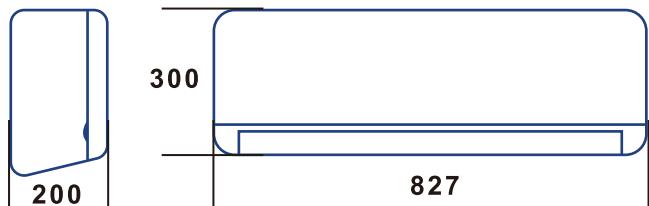
ON&SYS



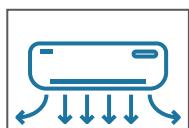
## Premium Gloss Panel

Crafted with a sleek, high-gloss acrylic finish, this panel design offers a seamless, reflective look that makes the machine feel inherently high-end and contemporary. Our rigorous quality control process selected a material blend that guarantees a lasting, deep gloss finish and maintains an outstandingly smooth surface for easy, effective cleaning.

**Size:mm(12k)**



Digital Temperature Display



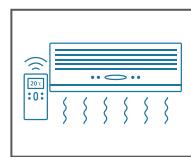
4 Way Air Flow



100% Copper Tubing



Fireproof Control Box

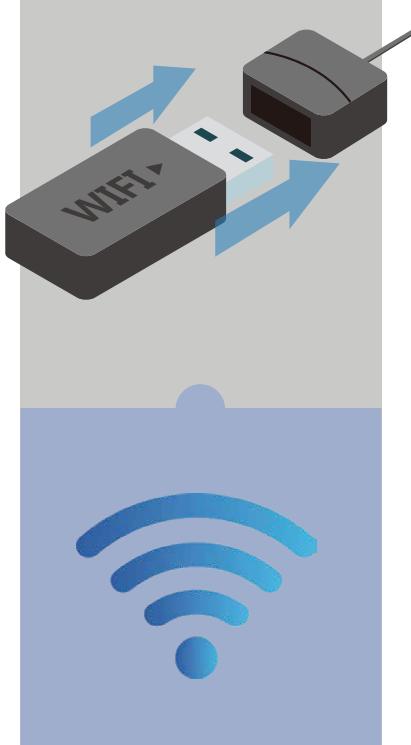
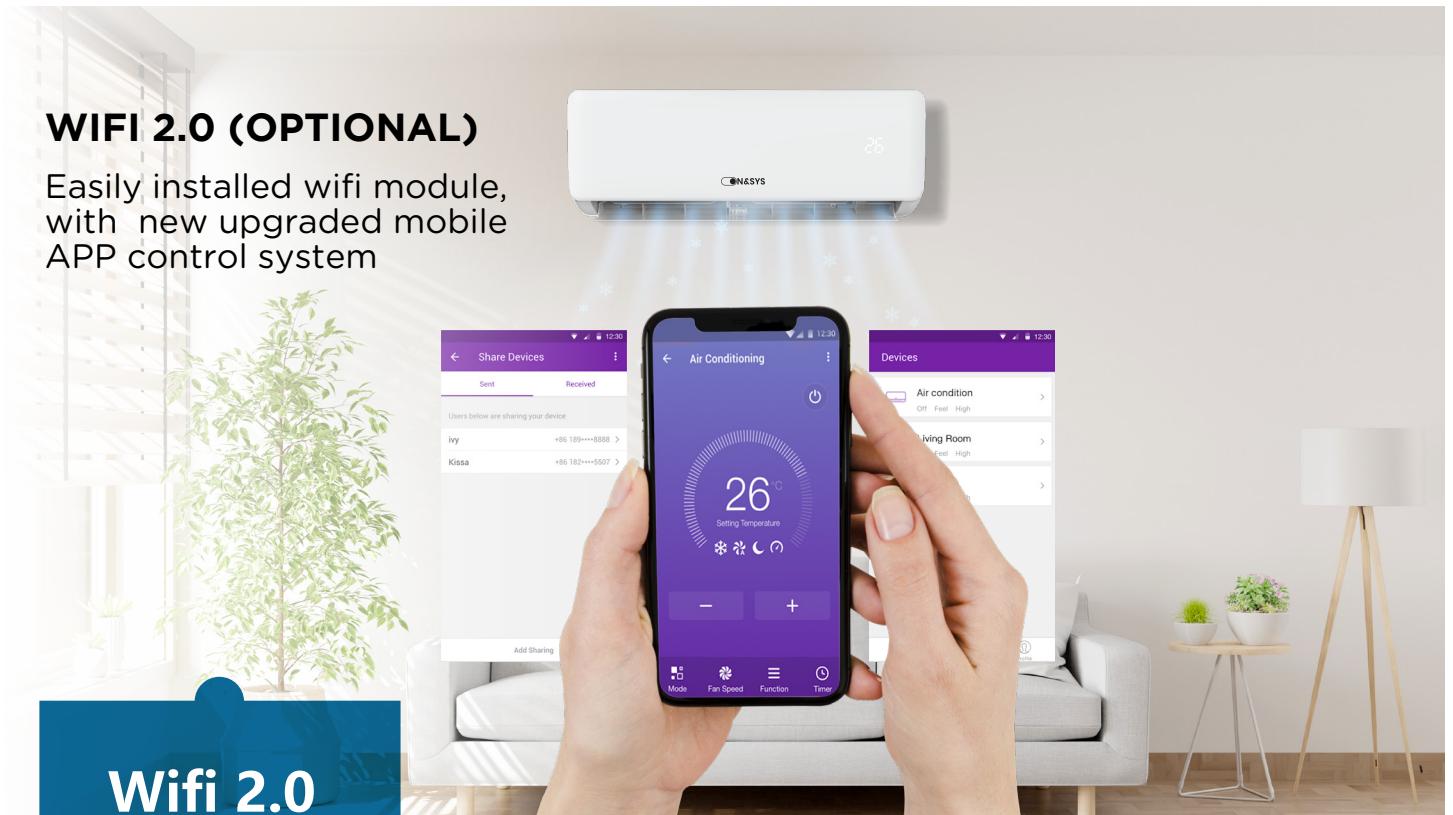


Advanced Remote Sensor with I Feel Technology



## FOCUS ON COMPREHENSIVE CLEANING

Introducing the 5th generation of self-cleaning technology: a complete upgrade! Our system uses a thorough six-step process to deep-clean both the indoor and outdoor units, achieving a 99.9% bacteria elimination rate.



Turn on the air conditioner on the way home



Turn on the air conditioner of the elderly at home



Forget to turn off the conditioner when you go out

## 5VA CONTROLLER BOX

The highest level of fire-proof materials are adopted to protect the internal electronic control components, and prevent fire due to internal and external factors upon an accident



## LEAKAGE PROTECTION

When leakage occurs, the control system will immediately shut down so as to protect core components such as compressors from damage



## FAULT CODE INDICATION

When the machine operates with problems, display board will show the corresponding fault code to make after-sales service more convenient and fast



## STABLY RUN IN -20C~60C

With the leading compression and cooling optimization technology and high reliable unit components, it ensures the reliable operation even in extreme ambient temperature



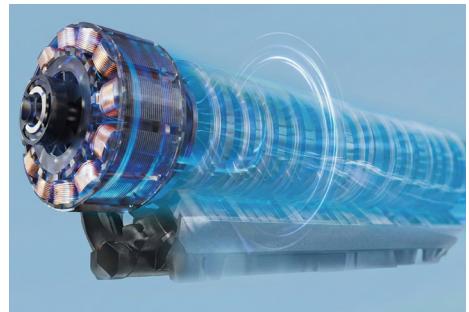
## POWER OUTAGE MEMORY

Automatically reset the air conditioner as it was before power off when power back



## 5 VA CONTROLLER BOX

Innovate air duct technology break through angle limitation of air outlet with wider and further airflow, the coolness reaches every corner of the space



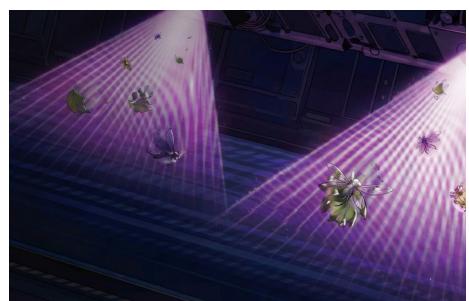
## CLEANING REMINDER

When the filters need to be cleaned, The air conditioner will automatically remind the user



## UVC CLEANING

New generation of super cleaning technology UVC with 99.9% bacteria cleaning rate



## LONG DISTANCE AIR SUPPLYING

Coolness reaches every corner of the room as far as 11 meters, being more comfortable



## NEGATIVE ION

Clean your air and let you embrace the nature





|                      | MODEL NUMBER                        | ON-AT3-IN12WS            | ON-AT3-IN18WS            | ON-AT3-IN24WS            | ON-AT3-IN30WS            | ON-AT3-IN36WS            |
|----------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| General Data         | Rated Capacity (Btu/h)              | 12000/11800              | 19100/18000              | 24000/22000              | 30000/28000              | 36000/32400              |
|                      | Rated Power Consumption (W)         | 970/1300                 | 1540/1200                | 1930/2270                | 2420/3100                | 2880/3630                |
|                      | Rated Running Current (A)           | 4.5/5.2                  | 7.0/8.4                  | 9.0/10.0                 | 11.0/14.0                | 13.0/18.0                |
|                      | SEER Cooling (Btu/h)/W              | 12.35/9.10               | 12.45/9.00               | 12.435/9.710             | 12.40/9.05               | 12.50/8.95               |
|                      | Power supply source (V/Ph/Hz)       | 220-240V~/50Hz<br>- 60Hz |
| Indoor Unit          | Air Flow Volume (m <sup>3</sup> /h) | 650                      | 1250                     | 1300                     | 1700                     | 2000                     |
|                      | Noise Level dB(A)                   | 42                       | 49                       | 47                       | 51                       | 53                       |
|                      | Evaporator row                      | 2                        | 2                        | 2                        | 2                        | 2                        |
|                      | Fan Motor Type                      | DC Motor                 |
|                      | Evaporator pipe size                | 5*0.2                    | 7*0.23                   | 7*0.23                   | 7*0.24                   | 7*0.24                   |
| Outdoor Unit         | Refrigerant (Type / kg)             | R32 / 0.5kg              | R32 / 0.8kg              | R32 / 0.92kg             | R32 / 1.8kg              | R32 / 2.3kg              |
|                      | Compressor type                     | Inverter                 | Inverter                 | Inverter                 | Inverter                 | Inverter                 |
|                      | Compressor Make                     | GMCC                     | GMCC                     | HIGHLY                   | GMCC                     | GMCC                     |
|                      | Condenser pipe size                 | 5*0.2                    | 5*0.2                    | 5*0.2                    | 7*0.24                   | 7*0.24                   |
|                      | Condenser row                       | 2                        | 2                        | 2                        | 3                        | 3                        |
|                      | Fan Motor Type                      | DC Motor                 |
| Dimensions & Weights | Indoor                              |                          |                          |                          |                          |                          |
|                      | Dimensions WxHxD (mm)               | 827x299x200              | 1140x334x229             | 1140x334x229             | 1240x357x258             | 1460x375x270             |
|                      | Net Weight (Kg)                     | 8.5                      | 13                       | 13                       | 16                       | 20                       |
|                      | Outdoor                             |                          |                          |                          |                          |                          |
|                      | Dimensions WxHxD (mm)               | 709x280x536              | 830x655x315              | 900x700x350              | 900x700x350              | 970x805x395              |
|                      | Net Weight (Kg)                     | 23                       | 30                       | 38.5                     | 44                       | 58                       |

## Key Features



**GOLD FIN**



**R32 GAS**



**SEVEN STAR  
ENERGY EFFICIENCY RATE**



**Wi-Fi**

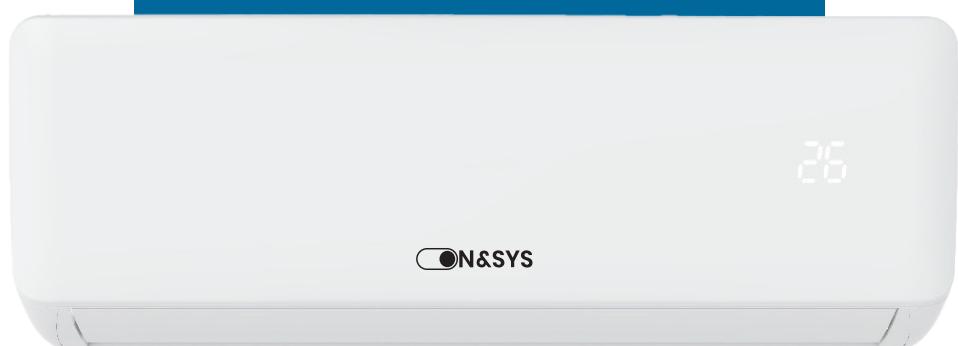


**2  
YEARS  
COMPREHENSIVE  
WARRANTY**



**10  
YEARS  
WARRANTY  
FOR COMPRESSOR**

ON&SYS

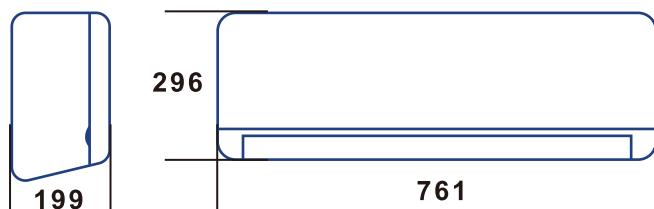


**PRIME**

**ON-OFF**



**ON&SYS**

**Size:mm(12k)****Gloss Finish**

Crafted with a sleek, high-gloss acrylic finish, this panel design offers a seamless, reflective look that makes the machine feel inherently high-end and contemporary. Our rigorous quality control process selected a material blend that guarantees a lasting, deep gloss finish and maintains an outstandingly smooth surface for easy, effective cleaning.



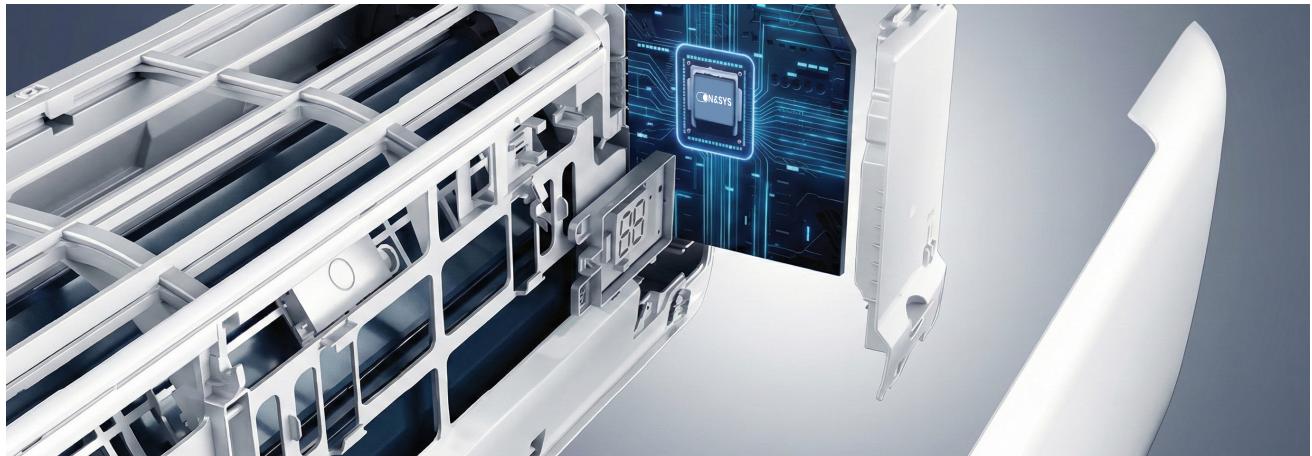
Automatic  
Washing



UV  
Sterilization



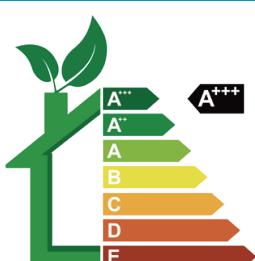
1 W  
Stand by



THE PCB IS EASY TO DISASSEMBLE AND ASSEMBLE



OPTIMIZED MOUNTING PLATE WITH GRADIENTER



## HIGH EFFICIENCY

The higher the energy efficiency rating, the lower the annual electricity consumption and the more energy efficient it is



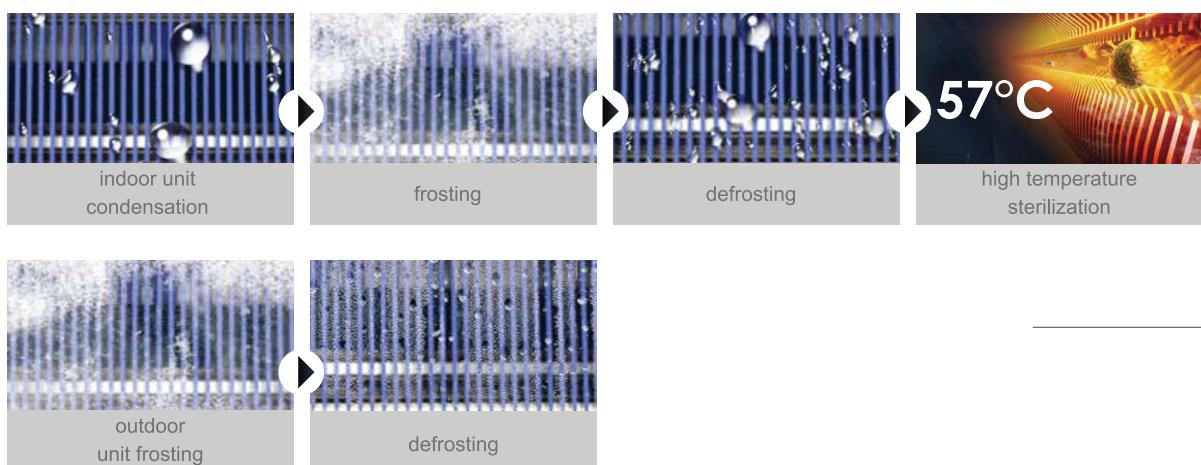
## EUROVENT ORGANIZATION CERTIFICATION

The Eurovent organization certification is a threshold for government tenders. It can help you meet the bidding requirements and stand out among competitors.



## THE FIFTH GENERATION OF AUTOMATIC WASHING

Comprehensive upgrade, six steps for cleaning indoor and outdoor units thoroughly with 99.9% bacteria cleaning rate



The ON&SYS 5G automatic washing technology is a professional-grade cleaning system designed to maintain air conditioner hygiene and efficiency without manual intervention.

**The system uses a six-step thermal cycle**

- Condensation
- Frosting
- High-Temp Sterilization
- Flushing
- Outdoor Cleaning
- Drying

to achieve a 99.9% bacteria removal rate. It distinguishes itself by cleaning both the indoor and outdoor units, ensuring the air is pathogen-free and the machine operates at peak energy efficiency.

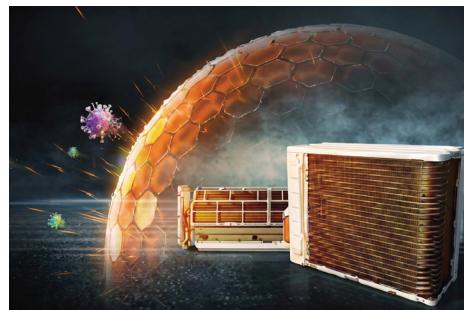
## STABLE HIGH PERFORMANCE IN EXTREME ENVIRONMENT

Wide range of working environment temperature, all-weather response.  
Startup at  $-25^{\circ}\text{C}$  low temperature. Stable operation at  $60^{\circ}\text{C}$  high temperature.



## GOLDEN FIN (OPTIONAL)

Golden fin is more resistant to oxidation and corrosion than ordinary blue fins of the most condensers. It also prevents bacteria from breeding and is able to enhance heat efficiency



## AIR CONDITIONING ECO MODE (OPTIONAL)

In cooling mode, the AC frequency is adjusted according to the difference between room temperature and the set temperature to achieve energy-saving



## EXTERIOR SHEET METAL ANTI-CORROSION

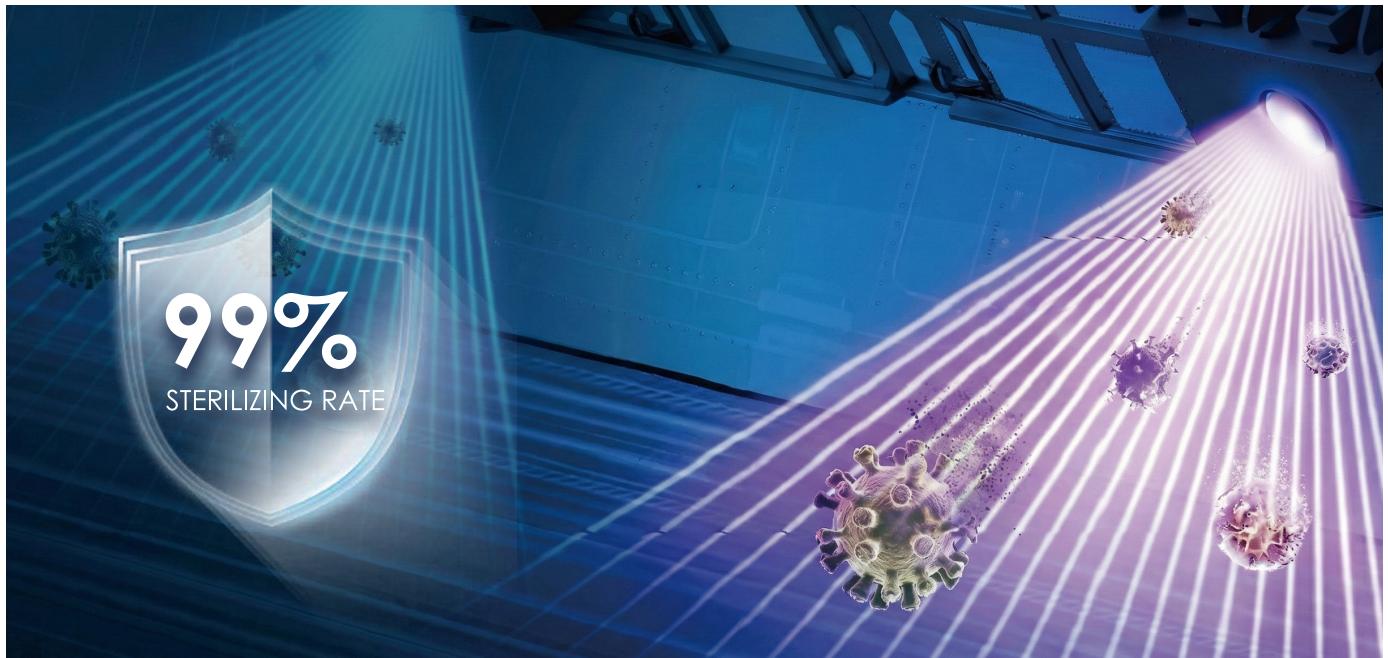
Wagner spray coating equipment adopted for the outdoor unit, the hot-dip galvanized steel plate is sprayed with high temperature pure polyester powder material to prevent corrosion and rust.



## 1 W STAND BY

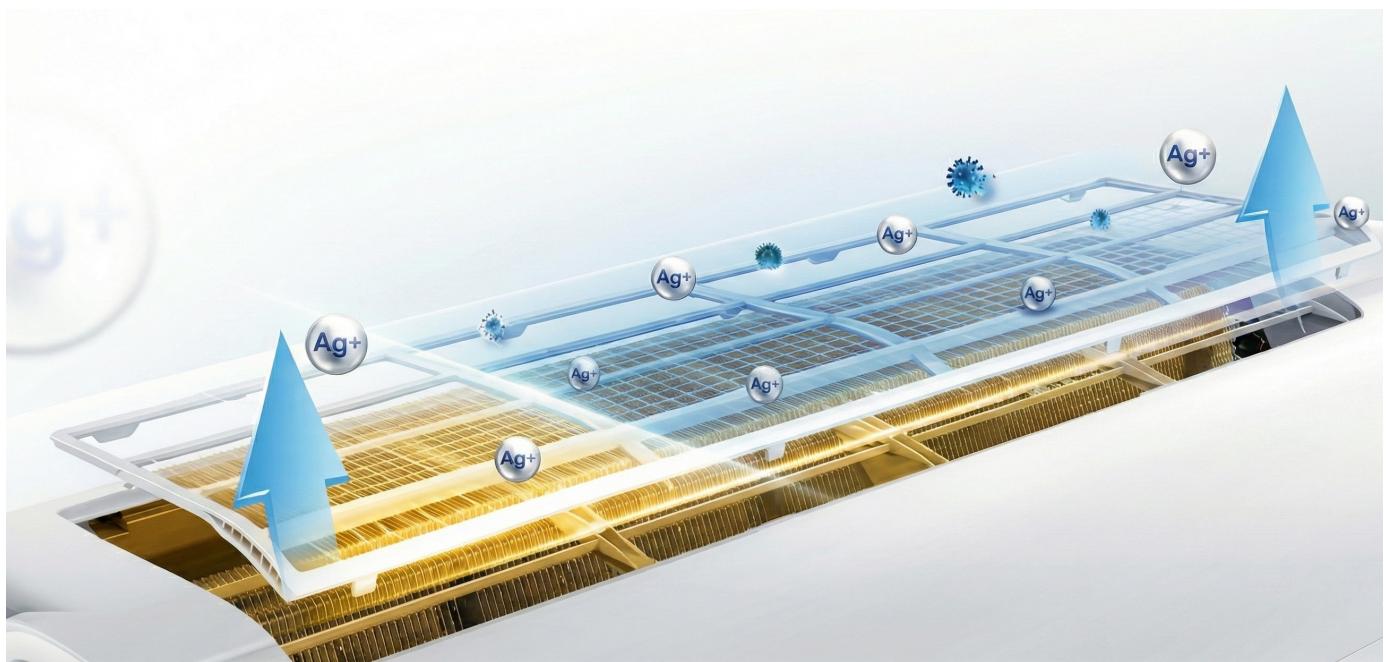
With newly designed PCB, the 1W standby mode enables ON&SYS products to cut energy consumption from 4-5w to 1w.





## UV STERILIZATION (OPTIONAL)

The sterilizing rate is up to 99%



## TOP-ACCESS DETACHABLE FILTER

The filter can be detached in 1s and easy to clean

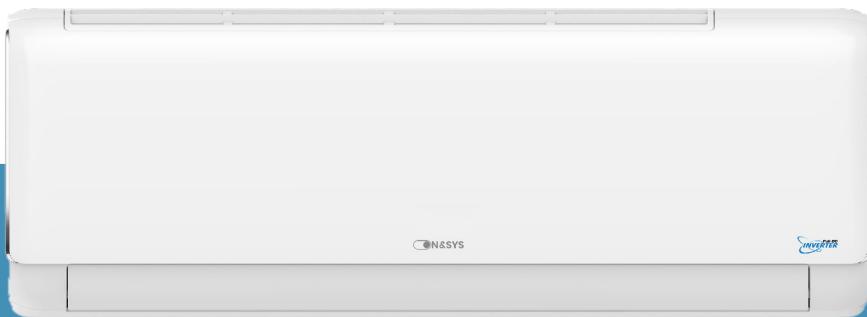


|                      | MODEL NUMBER                  | ON-AT3-12WS     | ON-AT3-18WS     | ON-AT3-24WS     | ON-AT3-30WS     | ON-AT3-36WS     |
|----------------------|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| General Data         | Rated Capacity (Btu/h)        | 12000/10236     | 17500/15300     | 22900/19900     | 28320/24700     | 32000/29680     |
|                      | Rated Power Consumption (W)   | 1010/1210       | 1460/1760       | 1790            | 2400            | 2780            |
|                      | Rated Running Current (A)     | 4.5/5.3         | 6.8/8.1         | 8.26/10.0       | 10.5/13.5       | 12              |
|                      | SEER Cooling (Btu/h)/W        | 8.46            | 11.986/8.693    | 12.053/8.652    | 11.8/8.576      | 11.511/8.291    |
|                      | Power supply source (V/Ph/Hz) | 220-240V~/50Hz  | 220-240V~/50Hz  | 220-240V~/50Hz  | 220-240V/50Hz   | 220-240V/50Hz   |
| Indoor Unit          | Air Flow Volume (m³/h)        | 600             | 950             | 1300            | 1600            | 2000            |
|                      | Noise Level dB(A)             | 41              | 47              | 50              | 52              | 55              |
|                      | Evaporator row                | 2               | 2               | 2               | 2               | 2               |
|                      | Fan Motor Type                | DC Motor        |
|                      | Evaporator pipe size          | 7*0.24          | 7*0.24          | 7*0.24          | 7*0.24          | 7*0.24          |
| Outdoor Unit         | Refrigerant (Type / kg)       | R410A / 0.83kg  | R410A / 1.03kg  | R410A / 1.15kg  | R410A / 2.25kg  | R410A / 2.57kg  |
|                      | Compressor type               | Tropical Rotary |
|                      | Compressor Make               | HIGHLY          | GMCC            | GMCC            | HIGHLY          | GREE            |
|                      | Condenser pipe size           | 5*0.2           | 5*0.2           | 5*0.2           | 7*0.24          | 7*0.24          |
|                      | Condenser row                 | 2               | 2               | 2               | 3               | 3               |
|                      | Fan Motor Type                | AC Motor        |
| Dimensions & Weights | Indoor                        |                 |                 |                 |                 |                 |
|                      | Dimensions WxHxD (mm)         | 837x296x205     | 952x310x227     | 1082x330x233    | 1250x360x253    | 1460*375*270    |
|                      | Net Weight (Kg)               | 9.5             | 12.5            | 13              | 16              | 20              |
|                      | Outdoor                       |                 |                 |                 |                 |                 |
|                      | Dimensions WxHxD (mm)         | 800x545x315     | 825x655x310     | 900x700x350     | 970*805*395     | 970*805*395     |
|                      | Net Weight (Kg)               | 31              | 42.5            | 47.5            | 61.5            | 65              |

■ Optional ■ Standard



|  |   |   |   |  |
|--|---|---|---|--|
|  Hydrophilic Aluminum Fin |  Self-Cleaning             |  Sleep Mode            |  Anti-Fungus Function |  Anti-Cold-Air (Heat Pump Only) |
|  Self-diagnosis Function  |  Powerful Dehumidification |  Super EMC performance |  Anti-Rust Cabinet    |  Internal thread Copper Piping  |
|  Timer                    |  iFeel                     |  iFavor                |  Golden Fin           |  Bio Filter                     |
|  Silver Ion Filter        |  Ionizer                   |  Auto-Restart          |   |  |



ENERGY  
SAVING



GOLD FIN



SEVEN  
STAR  
ENERGY EFFICIENCY RATE



GAS



Wi-Fi



FEATURED



2  
YEARS  
COMPREHENSIVE  
WARRANTY



10  
YEARS  
WARRANTY  
FOR COMPRESSOR

|                      | MODEL NUMBER                  | ON-PQIN-12S              | ON-PQIN-18S              | ON-PQIN-24S              | ON-PQIN-30S              | ON-PQIN-36S              |
|----------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| General Data         | Rated Capacity (Btu/h)        | 12300/11600              | 19100/18000              | 24000/22000              | 30000/28000              | 36000/32400              |
|                      | Rated Power Consumption (W)   | 970/1300                 | 1540/1200                | 1930/2270                | 2420/3100                | 2880/3630                |
|                      | Rated Running Current (A)     | 4.5/5.2                  | 7.0/8.4                  | 9.0/10.0                 | 11.0/14.0                | 13.0/18.0                |
|                      | SEER Cooling (Btu/h)/W        | 12.35/8.92               | 12.45/9.00               | 12.435/9.710             | 12.40/9.05               | 12.50/8.95               |
|                      | Power supply source (V/Ph/Hz) | 220-240V /50Hz<br>- 60Hz |
| Indoor Unit          | Air Flow Volume (m³/h)        | 650                      | 950                      | 1250                     | 1700                     | 2000                     |
|                      | Noise Level dB(A)             | 42                       | 49                       | 49                       | 51                       | 53                       |
|                      | Evaporator row                | 2                        | 2                        | 2                        | 2                        | 2                        |
|                      | Fan Motor Type                | DC Motor                 |
|                      | Evaporator pipe size          | 5*0.2                    | 7*0.23                   | 7*0.23                   | 7*0.24                   | 7*0.24                   |
| Outdoor Unit         | Refrigerant (Type / kg)       | R32 / 0.5kg              | R32 / 0.8kg              | R32 / 0.92kg             | R32 / 1.8kg              | R32 / 2.3kg              |
|                      | Compressor type               | Inverter                 | Inverter                 | Inverter                 | Inverter                 | Inverter                 |
|                      | Compressor Make               | GMCC                     | GMCC                     | GMCC                     | GMCC                     | GMCC                     |
|                      | Condenser pipe size           | 5*0.2                    | 5*0.2                    | 7*0.24                   | 7*0.24                   | 7*0.24                   |
|                      | Condenser row                 | 2                        | 2                        | 2                        | 3                        | 3                        |
|                      | Fan Motor Type                | DC Motor                 |
| Dimensions & Weights | Indoor                        |                          |                          |                          |                          |                          |
|                      | Dimensions WxHxD (mm)         | 816x295x200              | 960x310x222              | 1089x328x227             | 1240x357x258             | 1460x375x270             |
|                      | Net Weight (Kg)               | 8.5                      | 10.5                     | 12.5                     | 16                       | 20                       |
|                      | Outdoor                       |                          |                          |                          |                          |                          |
|                      | Dimensions WxHxD (mm)         | 709x536x280              | 785x555x300              | 830x655x315              | 900x700x350              | 970x805x395              |
|                      | Net Weight (Kg)               | 23                       | 26                       | 30                       | 44                       | 58                       |



GOLD FIN



ENERGY EFFICIENCY RATE



R410 A GAS



FEATURED

COMPREHENSIVE  
WARRANTY7 YEARS  
WARRANTY  
FOR COMPRESSOR

|                      | MODEL NUMBER                  | ON-AT3-PT18WS  | ON-AT3-PT24WS  | ON-AT3-PT30WS | ON-AT3-PT36WS |
|----------------------|-------------------------------|----------------|----------------|---------------|---------------|
| General Data         | Rated Capacity (Btu/h)        | 20000/16800    | 24900/21800    | 32000/27400   | 33000/28300   |
|                      | Rated Power Consumption (W)   | 1980           | 2500           | 2700          | 2850          |
|                      | Rated Running Current (A)     | 7.7/8.8        | 9.4/11         | 12.5/14       | 14/15.5       |
|                      | SEER Cooling (Btu/h)/W        | 11.628/8.400   | 11.745/9.008   | 11.852/9.05   | 11.800/8.431  |
|                      | Power supply source (V/Ph/Hz) | 220-240V~/50Hz | 220-240V~/50Hz | 220-240V/50Hz | 220-240V/50Hz |
| Indoor Unit          | Air Flow Volume (m³/h)        | 1250           | 1650           | 2000          | 2000          |
|                      | Noise Level dB(A)             | 51             | 51             | 53            | 54            |
|                      | Evaporator row                | 2              | 2              | 2             | 2             |
|                      | Fan Motor Type                | DC Motor       | DC Motor       | DC Motor      | DC Motor      |
|                      | Evaporator pipe size          | 7*0.24         | 7*0.24         | 7*0.24        | 7*0.24        |
| Outdoor Unit         | Refrigerant (Type / kg)       | R410 / 1.92kg  | R410 / 2.0kg   | R410 / 2.28kg | R410 / 2.28kg |
|                      | Compressor type               | Piston         | Piston         | Piston        | Piston        |
|                      | Compressor Make               | COPLAND        | COPLAND        | COPLAND       | COPLAND       |
|                      | Condenser pipe size           | 7*0.24         | 7*0.24         | 7*0.24        | 7*0.24        |
|                      | Condenser row                 | 2              | 2              | 3             | 3             |
|                      | Fan Motor Type                | AC Motor       | AC Motor       | AC Motor      | AC Motor      |
| Dimensions & Weights | Indoor                        |                |                |               |               |
|                      | Dimensions WxHxD (mm)         | 1089x328x227   | 1250x360x253   | 1460x375x270  | 1460x375x270  |
|                      | Net Weight (Kg)               | 12.5           | 16             | 20            | 20            |
|                      | Outdoor                       |                |                |               |               |
|                      | Dimensions WxHxD (mm)         | 970*805*395    | 970*805*395    | 970*805*395   | 970*805*395   |
|                      | Net Weight (Kg)               | 70             | 70             | 70            | 72.5          |

# ADVANCED COOLING THAT ADAPTS TO YOU



**Corner-to-Corner  
Cooling**



Self-diagnosis Function



ABS material



Sleep Mode



Timer

- Drying and mildew prevention
- Cold Air Proofing
- Trouble shooting



Outdoor



Control

## ECO MODE

New frequency conversion technology, high efficiency operation of inner components



## 4D AIR FLOW

Air blades can swing vertically and horizontally, which helps to improve air distribution and flow

4D



## INTELLIGENT WIFI FUNCTION

Develop the leading technology, intelligent connection with mobile phone and achieve remote control of the air conditioning



## STRONG AIR OUTLET

Stronger air flow with stable operation in high temperature and long distance outlet



## FLOOR STAND

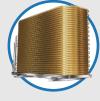
|                           |                 | ON-AT3-IN48FS       | ON-AT3-IN60FS         |
|---------------------------|-----------------|---------------------|-----------------------|
| Rated Capacity            | Cooling         | 49000(T1)/46000(T3) | 60000(T1) / 54000(T3) |
| Max. Input Power          |                 | 3950                | 4800                  |
| Max. Input Current        |                 | 17.5                | 21                    |
| EER Cooling               |                 | 12.5/9.5            | 12.4/9.1              |
| Power supply source       |                 | 220-240V~/50Hz      | 220-240V~/50Hz        |
| Refrigerant               |                 | R410A               | R410A                 |
| Air Flow Volume           |                 | 2400                | 2800                  |
| Noise level               |                 | 48/58               | 48/58                 |
| Indoor unit weight (Net)  |                 | 45                  | 45                    |
| Outdoor unit weight (Net) |                 | 83                  | 90                    |
| Dimension                 | Rows            | 2                   | 2                     |
|                           | tube pitch      | 20.5                | 20.5                  |
|                           | row pitch       | 12.7                | 12.7                  |
|                           | Tube Material   | Copper              | Copper                |
|                           | Length          | 527                 | 527                   |
|                           | Diameter        | 7                   | 7                     |
|                           | Thickness       | 0.24                | 0.24                  |
|                           | Quantity        | 69                  | 69                    |
|                           | Fin Thickness   | 0.094               | 0.094                 |
|                           | Fin spacing     | 1.4                 | 1.4                   |
| Compressor Parameter      |                 | 655*1945*495        | 655*1945*495          |
| Condenser                 | Type            | Inverter            | Inverter              |
|                           | Brand           | HIGHLY              | LANDA                 |
|                           | Air circulation | 3200                | 3200                  |
|                           | Rows            | 2                   | 3                     |
|                           | tube pitch      | 22                  | 22                    |
|                           | row pitch (D)   | 19.05               | 19.05                 |
|                           | Tube Material   | Copper              | Copper                |
|                           | Length          | 918                 | 1220                  |
|                           | Diameter        | 7                   | 7                     |
|                           | Thickness       | 0.23                | 0.23                  |
| Dimension (WxHxD)         | Quantity        | 58                  | 96                    |
|                           | Fin Thickness   | 0.095               | 0.095                 |
|                           | Fin spacing     | 1.4                 | 1.4                   |
|                           |                 | 940x1320x340        | 940x1366x401          |



ENERGY  
SAVING



SMART LIFE  
-SMART HOME



GOLD FIN



WIFI  
CONTROL



R410 A GAS



ENERGY EFFICIENCY RATE



FEATURED



7  
YEARS  
WARRANTY  
FOR COMPRESSOR



2  
YEARS  
WARRANTY  
COMPREHENSIVE

# FLOOR STAND

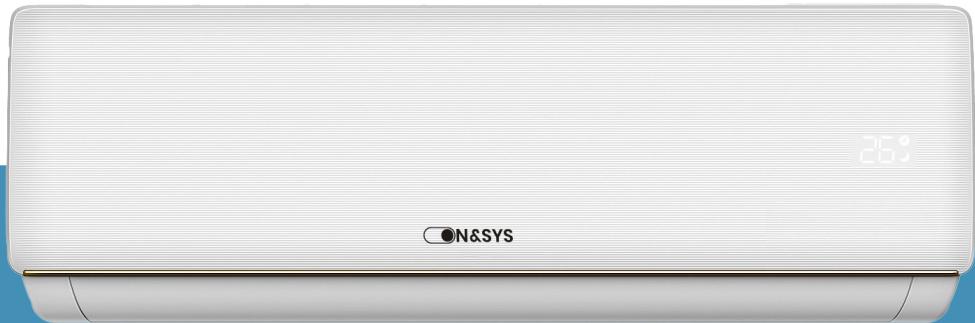
|                           |  | ON-AT3-36FS         |                |
|---------------------------|--|---------------------|----------------|
| Rated Capacity            | Btu/h                                      | 32073(T1)/29125(T3) |                |
| Rated Power Consumption   | W  | 2730(T1)/3320(T3)   |                |
| Rated Running Current     | A  | 12.4                |                |
| Max. Input Power          | W  | 4100                |                |
| Max. Input Current        | A  | 20                  |                |
| EER Cooling               | (Btu/h)/W                                  | 11.7(T1)/8.77(T3)   |                |
| Power supply source       | V/Ph/Hz                                    | 220-240V~/50Hz      |                |
| Refrigerant               | /  | R410A               |                |
| Air Flow Volume           | m <sup>3</sup> /h                          | 2100                |                |
| Noise level               | dB (A)                                     | 58                  |                |
| Noise level               | dB (A)                                     | 58                  |                |
| Indoor unit weight (Net)  | Kg   | 57                  |                |
| Outdoor unit weight (Net) | Kg   | 67                  |                |
| Evaporator                | Rows                                       | Row                 | 3              |
|                           | tube pitch                                 | mm                  | 25.4           |
|                           | row pitch                                  | mm                  | 22             |
|                           | Tube Diameter                              | mm                  | 9.52           |
|                           | Thickness                                  | mm                  | 0.27           |
|                           | Quantity                                   | PCS                 | 50             |
|                           | Fin Thickness                              | mm                  | 0.095          |
|                           | Fin spacing                                | mm                  | 1.4            |
|                           | Fan Type                                   | /                   | Cross flow fan |
|                           | Fan Material                               | /                   | AS             |
|                           | Fan Diameter                               | mm                  | Φ372           |
|                           | Fan Length                                 | mm                  | 180.3          |
| Dimension                 | mm   | 580x1925x400        |                |
| Compressor Model          | /  | QXAS-F325N050A      |                |
| Compressor Parameter      | Type                                       | /                   | Rotary         |
|                           | Brand                                      | /                   | LINGDA         |
| Fan system                | Fan Type                                   | /                   | Axial flow fan |
|                           | Fan Blade Material                         | /                   | AS             |
|                           | Fan Diameter                               | mm                  | 550            |
|                           | Fan Motor Model                            | /                   | D-90-8 310V    |
|                           | Fan Motor speed (H/M/L)                    | rpm                 | 1000/900       |
|                           | Fan Rated Input Power                      | W                   | 133            |
|                           | Fan Rated Output Power                     | W                   | 90             |
|                           |  |                     |                |
| Condenser                 | Air circulation                            | m <sup>3</sup> /h   | 3200           |
|                           | Rows                                       | Row                 | 3              |
|                           | Tube pitch                                 | mm                  | 20.5           |
|                           | Row pitch (D)                              | mm                  | 12.7           |
|                           | Tube Material                              | /                   | Copper         |
|                           | Tube Length                                | mm                  | 977            |
|                           | Tube Diameter                              | mm                  | 7              |
|                           | Tube Thickness                             | /                   | 0.23           |
|                           | Tube Quantity                              | PCS                 | 54             |
|                           | Fin Thickness                              | mm                  | 0.095          |
| Dimension                 | Net Dimension (Width x Depth x Height)     | mm                  | 970x805x395    |
|                           | Packing Dimension (Width x Depth x Height) | mm                  | 1105x885x495   |



# FLOOR STAND



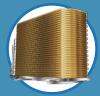
| Model Number                       |                   | ONXT-IN36FS       |   | ONXT-IN60FS                             |
|------------------------------------|-------------------|-------------------|---|---|
| Type                               |                   | Heating pump      |   | Heating pump                            |
| Power supply                       |                   | Ph-V-Hz           |   | 1ph 220-240V/50HZ                       |
| Voltage Range                      |                   | V                 |   | 165-265                                 |
| Cooling (T1)                       | Capacity          | Btu/h             | 33000 (19000-36000)                     | 50000 (9895-54592)                      |
|                                    | Capacity          | W                 | 9672 (5569-10551)                       | 14654 (2900-16000)                      |
|                                    | Rated power Input | W                 | 2640 (1520-2880)                        | 4237 (900-5700)                         |
|                                    | Rated current     | A                 | 11.9 (6.8-13.1)                         | 18.8 (4.5-30.0)                         |
|                                    | EER               | Btu/h/W           | 12.500                                  | 11.801                                  |
| Cooling (T3)                       | Capacity          | Btu/h             | 31000 (19000-34500)                     | 42000 (21837-45380)                     |
|                                    | Capacity          | W                 | 9086 (5569-10111)                       | 12309 (6400-13300)                      |
|                                    | Rated power Input | W                 | 3690 (2262-4107)                        | 5060 (2100-5700)                        |
|                                    | Rated current     | A                 | 16.5 (10.1-18.4)                        | 22.5 (10.0-30.0)                        |
|                                    | EER               | Btu/h/W           | 8.401                                   | 8.300                                   |
| Cooling (T4)                       | Capacity          | Btu/h             | 28000 (19000-30000)                     | 38000                                   |
|                                    | Capacity          | W                 | 8206 (5569-8792)                        | 11137                                   |
|                                    | Rated power Input | W                 | 3457 (2346-3704)                        | 4720                                    |
|                                    | Rated current     | A                 | 15.5 (10.5-16.6)                        | 20.70                                   |
|                                    | EER               | Btu/h/W           | 8.100                                   | 8.051                                   |
| Cooling                            | Max power Input   | W                 | 5340                                    | 5700                                    |
|                                    | Max current       | A                 | 24.0                                    | 30.0                                    |
| Heating (H1)                       | Capacity          | W                 | 9965 (7034-11580)                       | 16500 (6100-16800)                      |
|                                    | Rated power Input | W                 | 2709 (1912-3148)                        | 4717 (1800-6200)                        |
|                                    | Rated current     | A                 | 12.2 (8.45-13.7)                        | 20.9 (9.0-30.0)                         |
|                                    | COP               | W/W               | 3.68                                    | 3.50                                    |
| Heating                            | Max power Input   | W                 | 4092                                    | 6200                                    |
|                                    | Max current       | A                 | 18.0                                    | 30.0                                    |
| Moisture removal                   |                   | Liters/h          | 2.8                                     | 4.8                                     |
| Indoor noise level                 |                   | dB(A)             | 42                                      | 47                                      |
| Outdoor noise level                |                   | dB(A)             | 63                                      | 66                                      |
| <b>Climate type</b>                |                   |                   |   | T1/T3/T4                                |
| Power supply                       |                   |                   |   | 1ph 220-240V/50HZ                       |
| Refrigerant                        |                   | R410A/ 2.35 Kg    |   | R410A/4.25Kg                            |
|                                    | Model             |                   | ATF250D22                               | GTH420                                  |
|                                    | Type              |                   | Rotary Inverter                         | Rotary                                  |
|                                    | Brand             |                   | GMCC                                    | Highly                                  |
| Defrosting system                  |                   |                   | Microcomputer controlled reverse system | Microcomputer controlled reverse system |
| <b>Fan System</b>                  |                   |                   |   |   |
| Indoor air volume(Cooling/Heating) |                   | m <sup>3</sup> /h | 1600/1600                               | 2100/2300                               |
| Indoor fan type                    |                   |                   | centrifugal                             | Centrifugal                             |
| Indoor fan motor                   |                   | model             | 22001-000204                            | 22001-000204 DC                         |
|                                    |                   | brand             | Broad-ocean                             | Broad-ocean                             |
| Outdoor fan type                   |                   | model             | Propeller                               | Propeller                               |
|                                    |                   | brand             | 22001-000110 (DC)                       | 25001-000392 DC                         |
| Outdoor fan motor                  |                   | brand             | Broad-ocean                             | Broad-ocean                             |
| Outdoor fan speed                  |                   | rpm               | 850                                     | 850                                     |
| Suitable area                      |                   | m <sup>2</sup>    | 40-60                                   | 75-120                                  |
| Net dimensions                     | Indoor            | mm                | 600x390x1918                            | 600x390x1918                            |
|                                    | Outdoor           | mm                | 967x421x803                             | 1021x409x1339                           |
| Net weight                         | Indoor            | kg                | 51                                      | 59                                      |
|                                    | Outdoor           | kg                | 55                                      | 91                                      |



ENERGY SAVING



-SMART LIFE -SMART HOME



GOLD FIN



WIFI CONTROL



R410 A GAS



7 SEVEN STAR ENERGY EFFICIENCY RATE



FEATURED



7 YEARS WARRANTY FOR COMPRESSOR

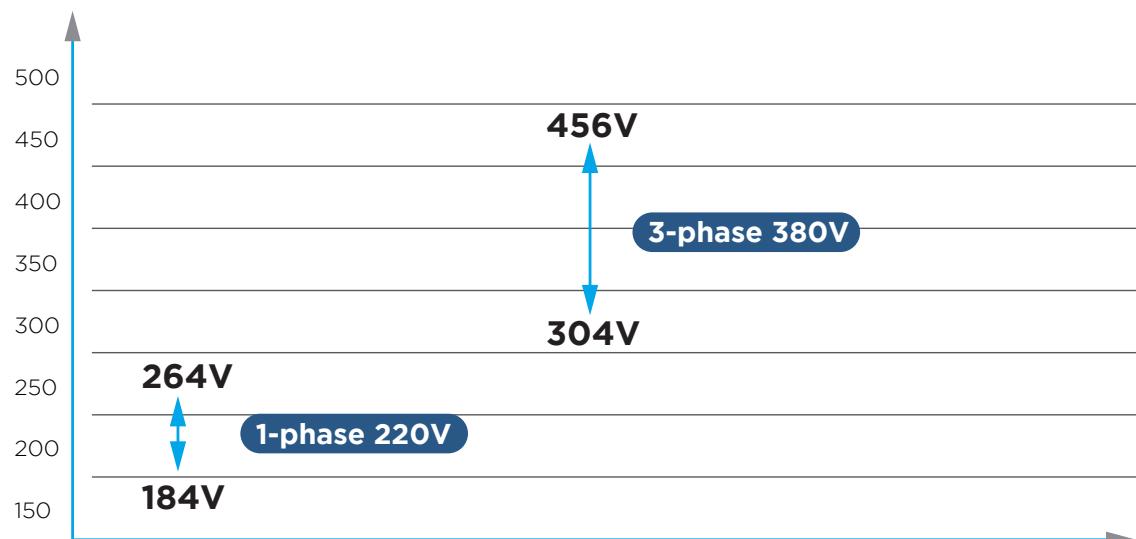


2 YEARS COMPREHENSIVE WARRANTY

|                      | MODEL NUMBER                  | ON-AT3-IN12WS         | ON-AT3-IN18WS         | ON-AT3-IN24WS         | ON-AT3-IN30WS         | ON-AT3-IN36WS         |
|----------------------|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| General Data         | Rated Capacity (Btu/h)        | 12000/11800           | 19100/18000           | 24000/22000           | 30000/28000           | 36000/32400           |
|                      | Rated Power Consumption (W)   | 970/1300              | 1540/1200             | 1930/2270             | 2420/3100             | 2880/3630             |
|                      | Rated Running Current (A)     | 4.5/5.2               | 7.0/8.4               | 9.0/10.0              | 11.0/14.0             | 13.0/18.0             |
|                      | SEER Cooling (Btu/h)/W        | 12.35/9.10            | 12.45/9.00            | 12.435/9.710          | 12.40/9.05            | 12.50/8.95            |
|                      | Power supply source (V/Ph/Hz) | 220-240V~/50Hz - 60Hz |
| Indoor Unit          | Air Flow Volume (m³/h)        | 650                   | 1250                  | 1300                  | 1700                  | 2000                  |
|                      | Noise Level dB(A)             | 42                    | 49                    | 47                    | 51                    | 53                    |
|                      | Evaporator row                | 2                     | 2                     | 2                     | 2                     | 2                     |
|                      | Fan Motor Type                | DC Motor              |
|                      | Evaporator pipe size          | 5*0.2                 | 7*0.23                | 7*0.23                | 7*0.24                | 7*0.24                |
| Outdoor Unit         | Refrigerant (Type / kg)       | R32 / 0.5kg           | R32 / 0.8kg           | R32 / 0.92kg          | R32 / 1.8kg           | R32 / 2.3kg           |
|                      | Compressor type               | Inverter              | Inverter              | Inverter              | Inverter              | Inverter              |
|                      | Compressor Make               | GMCC                  | GMCC                  | HIGHLY                | GMCC                  | GMCC                  |
|                      | Condenser pipe size           | 5*0.2                 | 5*0.2                 | 5*0.2                 | 7*0.24                | 7*0.24                |
|                      | Condenser row                 | 2                     | 2                     | 2                     | 3                     | 3                     |
|                      | Fan Motor Type                | DC Motor              |
| Dimensions & Weights | Indoor                        |                       |                       |                       |                       |                       |
|                      | Dimensions WxHxD (mm)         | 827x299x200           | 1140x334x229          | 1140x334x229          | 1240x357x258          | 1460x375x270          |
|                      | Net Weight (Kg)               | 8.5                   | 13                    | 13                    | 16                    | 20                    |
|                      | Outdoor                       |                       |                       |                       |                       |                       |
|                      | Dimensions WxHxD (mm)         | 709x280x536           | 830x655x315           | 900x700x350           | 900x700x350           | 970x805x395           |
|                      | Net Weight (Kg)               | 23                    | 30                    | 38.5                  | 44                    | 58                    |

## PRODUCT KEY FEATURES

1. Compressor, motor, electric control components can withstand wider voltage operation
2. The unit has the function of frequency reduction protect to avoid overheating and overcurrent



## High Reliability

ON&SYS air conditioners use energy- efficient compressor, pressure switch and other components, which to have a more stable system and reducing maintenance rates



**DC Inverter  
Compressor**



When the voltage of the unit is over the rated maximum voltage or below a certain value, the voltage automatically shut off to protect the unit and the power supply.

## Overcurrent Protection



When the current is over the adjustment value, the protection device will be activated and the fuse will fuse to cut off the circuit in time, so that the equipment can avoid damage caused by over-current.

## Overheating Protection



When the current is over the adjustment value, the temperature rises, and the motor is cut off during over current operation to avoid burning of the motor due to overload.

## Temperature Protection



When the outdoor temperature sensor checks that, the temperature is over the normal operating temperature, the unit will stop running to avoid burning of the electric control IPM due to high temperature.

## Lack-phase Protection



When the phase in the three-phase power supply of the unit is broken, the unit will be powered off and alarmed in an emergency, avoiding the original three phase unit running under two-phase power supply and causing burnout.



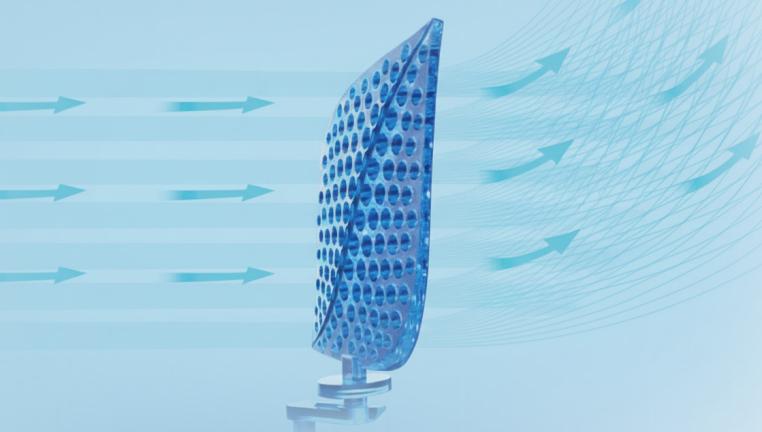
**High/Low  
pressure Switch**



**Hydrophilic  
Aluminum Fin**

The ON&SYS products use blue hydrophilic aluminum fin. Compared to traditional non-hydrophilic heat exchanger, hydrophilic can be increased by 68% and corrosion resistance by 3 times. The hydrophilic coating improves heat transfer efficiency while protecting the unit from unnecessary wear and corrosion.

# Better Comfort



## Soft wind panel (optional)

360 of outer wind, 2565 micro-hole soft wind blades to break up the airflow, making the wind soft and comfortable to the body

# 30 dB

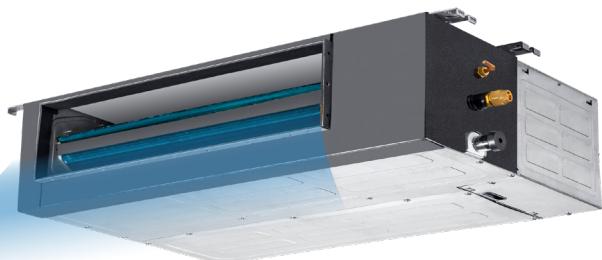
## Low noise design

ON&SYS products through the reasonable air circuit design and 3D fan blade selection, increase the unit airflow and reduce operating noise, which can be as low as 30dB

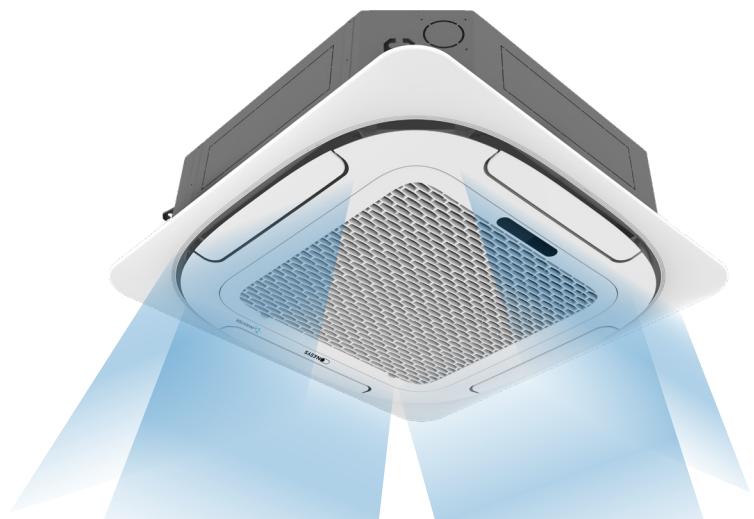


## Health

**Cassette / Duct reserves  
fresh air interface**



Take in outdoor fresh air, ensure  
that the indoor air is fresh and  
circulated

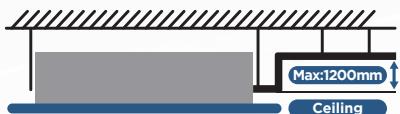


# FRESH AIR



# Round Flow Cassette Type

Large range of airflow,  
low noise operation,  
WiFi operation, giving  
you a comfortable  
environment



## Built-in drain pump

Cassette with built in drain pump, can lift water up to 1200 mm which is convenient for installation and improve the drainage efficiency

## LED digital display

Real-time operating temperature and operation faults are clearly displayed



## Reserved fresh air interface

Maximum intake of 15% of fresh air volume, make indoor air healthier and more comfortable

## 360 Surround air outlet

Annular air outlet supply without dead angle, keeps the room comfortable

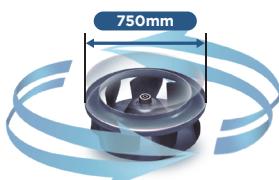


## WiFi operation

Connect the device with one click to turn on

## Ultra-low noise design

Adapting 750 mm fan blade and 3D air outlet design, decrease the air supply resistance, achieve ultra low noise



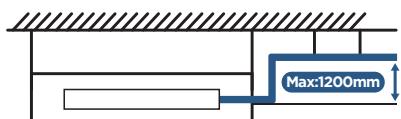


## Super Slim Duct Type

Multiple air return methods, optional pumps, WiFi operation, making the project more flexible installation

### Optional water pump

Optional built-in drain pump, can lift water up to 1000 mm which is convenient to installation and improving drainage efficiency.



### Reserved freshair interface

Maximum intake of 15% of fresh air volume, make indoor air healthier and more comfortable



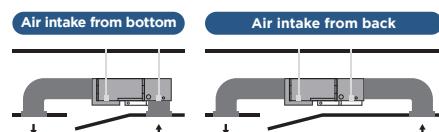
### Ultra-thin design

Structure is compact, and the thickness of 3 HP duct unit can be as low as 210 mm



### Flexible air intake

Standard built air return box, easy to adjust the back air return or down air return based installation requirement



### Dual drainage

It is more convenient and flexible in construction and installation

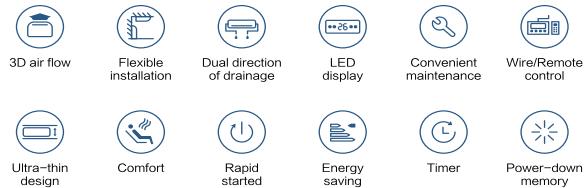


### WiFi operation

Connect the device with one click to turn on



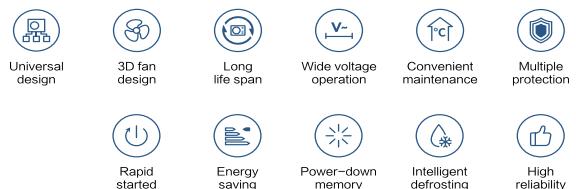
## CEILING&FLOOR TYPE INDOOR UNIT



CB | RoHS | REACH

| Model name                           | Ceiling Floor Indoor   | ONXT-RT18C/F | ONXT-RT24C/F      | ONXT-RT30C/F   | ONXT-RT36C/F   | ONXT-RT48C/F   | ONXT-RT60C/F   |                |  |
|--------------------------------------|------------------------|--------------|-------------------|----------------|----------------|----------------|----------------|----------------|--|
| <b>Power supply</b>                  |                        | V/Hz/Ph      | 220~240V~/50Hz/1P |                |                |                |                |                |  |
| <b>Cooling</b>                       | <b>Capacity</b>        | Btu/h        | 18000             | 24000          | 30000          | 36000          | 48000          | 55000          |  |
|                                      | <b>Capacity</b>        | W            | 5270              | 7030           | 8790           | 10548          | 14000          | 16100          |  |
|                                      | <b>Input</b>           | W            | 1600              | 2000           | 2800           | 3600           | 4200           | 5500           |  |
|                                      | <b>Rated current</b>   | A            | 7.50              | 8.8            | 14.00          | 7.0            | 7.70           | 10.00          |  |
|                                      | <b>EER</b>             | W/W          | 3.29              | 3.52           | 3.14           | 2.93           | 3.33           | 2.93           |  |
| <b>Indoor air flow (Hi/Me/Lo)</b>    |                        | m3/h         | 1000/900/800      | 1200/1100/1000 | 1600/1300/1100 | 1600/1300/1100 | 1950/1700/1450 | 1950/1700/1450 |  |
| <b>Indoor noise level (Hi/Me/Lo)</b> |                        | dB(A)        | 43/41/38          | 51/49/47       | 51/49/47       | 51/49/47       | 54/51/48       | 54/51/48       |  |
| <b>Indoor dimension</b>              | <b>Unit (WxHxD)</b>    | mm           | 1055×675×235      | 1055×675×235   | 1275×675×235   | 1275×675×235   | 1635×675×235   | 1635×675×235   |  |
|                                      | <b>Packing (WxHxD)</b> | mm           | 1130×748×305      | 1130×748×305   | 1350×748×305   | 1350×748×305   | 1710×748×305   | 1710×748×305   |  |
| <b>Indoor weight</b>                 | <b>Net</b>             | kg           | 23                | 25             | 29             | 29             | 38             | 38             |  |
|                                      | <b>Gross</b>           | kg           | 28                | 30             | 35             | 35             | 44             | 44             |  |
| <b>Refrigerant</b>                   | <b>Type</b>            |              | R410A             |                |                |                |                |                |  |
| <b>Refrigerant pipe</b>              | <b>Liquid side</b>     | mm           | φ 6.35            | 9.52           | 9.52           | 9.52           | 9.52           | 9.52           |  |
|                                      | <b>Gas side</b>        | mm           | φ 12.7            | φ 15.88        | φ 15.88        | φ 15.88        | φ 19.05        | φ 19.05        |  |
| <b>Drainage water pipe diameter</b>  |                        | mm           | OD25              |                |                |                |                |                |  |
| <b>Operation temperature range</b>   |                        | °C           | -10~48            |                |                |                |                |                |  |

## UNIVERSAL OUTDOOR UNIT



CB | RoHS | REACH

| Model name                         | Universal Outdoor Unit              | ONXT-RT18UD | ONXT-RT24UD       | ONXT-RT30UD | ONXT-RT36UD | ONXT-RT48UD  | ONXT-RT60UD   |  |  |
|------------------------------------|-------------------------------------|-------------|-------------------|-------------|-------------|--------------|---------------|--|--|
| <b>Power supply</b>                |                                     | V/Hz/Ph     | 380~415V~/50Hz/3P |             |             |              |               |  |  |
| <b>Max. input consumption</b>      | W                                   | 2200        | 3400              | 3800        | 4500        | 6000         | 8000          |  |  |
| <b>Max. current</b>                | A                                   | 10.0        | 15.0              | 18.0        | 9.5         | 10.8         | 14.3          |  |  |
| <b>Starting current</b>            | A                                   | 36.0        | 48.0              | 60.0        | 36          | 62.0         | 69.0          |  |  |
| <b>Max Operating Pressure(MPa)</b> | <b>Discharge</b>                    | MPa         | 4.5               | 4.5         | 4.5         | 4.5          | 4.5           |  |  |
|                                    | <b>Suction</b>                      | MPa         | 1.5               | 1.5         | 1.5         | 1.5          | 1.5           |  |  |
| <b>Outdoor air flow</b>            |                                     | m3/h        | 2100              | 4000        | 4000        | 4900         | 6300          |  |  |
| <b>Outdoor noise level</b>         |                                     | dB(A)       | 48                | 55          | 56          | 58           | 60            |  |  |
| <b>Outdoor dimension</b>           | <b>Unit (WxHxD)</b>                 | mm          | 760×540×260       | 845×700×330 | 845×700×330 | 910×805×360  | 940×1250×340  |  |  |
|                                    | <b>Packing (WxHxD)</b>              | mm          | 863×590×361       | 960×735×430 | 960×735×430 | 1030×860×475 | 1040×1362×430 |  |  |
| <b>Outdoor weight</b>              | <b>Net</b>                          | kg          | 32                | 43          | 47          | 57           | 74            |  |  |
|                                    | <b>Gross</b>                        | kg          | 35                | 47          | 50          | 61           | 84            |  |  |
| <b>Refrigerant</b>                 | <b>Type</b>                         |             | R410A             |             |             |              |               |  |  |
| <b>Throttle type</b>               |                                     |             | Capillary         | Capillary   | Capillary   | Capillary    | Capillary     |  |  |
| <b>Refrigerant pipe</b>            | <b>Liquid side</b>                  | mm          | 6.35              | 9.52        | 9.52        | 9.52         | 9.52          |  |  |
|                                    | <b>Gas side</b>                     | mm          | 12.70             | 15.88       | 15.88       | 15.88        | 19.05         |  |  |
|                                    | <b>Max. refrigerant pipe length</b> | m           | 25                | 30          | 30          | 30           | 30            |  |  |
|                                    | <b>Max. difference in level</b>     | m           | 15                | 15          | 15          | 20           | 30            |  |  |
| <b>Ambient temperature range</b>   | <b>Cooling</b>                      | °C          | 21~48             |             |             |              |               |  |  |
|                                    | <b>Heating</b>                      | °C          | /                 |             |             |              |               |  |  |

1. Nominal cooling capacities are based on the following conditions: Indoor temp: 27° CDB, 19° CWB; Outdoor temp: 35° CDB; Equivalent ref. piping: 7.5m (horizontal)

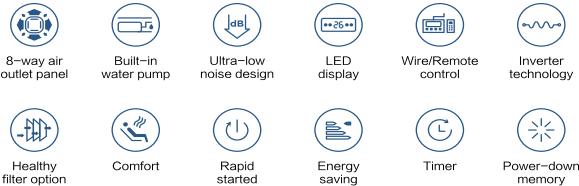
2. Nominal heating capacities are based on the following conditions: Indoor temp: 20° CDB; Outdoor temp: 7° CDB, 6° CWB; Equivalent ref. piping: 7.5m (horizontal)

3. Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

The above design and specifications will be updated without prior notice according to the upgrade and optimization of the product.

## CASSETTE TYPE INDOOR UNIT

CB | RoHS | REACH



| Model name                      | Cassette Indoor |         | ONXT-RT18CS       | ONXT-RT24CS      | ONXT-RT30CS      | ONXT-RT36CS      | ONXT-RT48CS      | ONXT-RT60CS      |
|---------------------------------|-----------------|---------|-------------------|------------------|------------------|------------------|------------------|------------------|
| Power supply                    |                 | V/Hz/Ph | 220~240V~/50Hz/1P |                  |                  |                  |                  |                  |
| Cooling                         | Capacity        | Btu/h   | 18000             | 24000            | 30000            | 36000            | 48000            | 55000            |
|                                 | Capacity        | W       | 5270              | 7030             | 8790             | 10548            | 14000            | 16100            |
|                                 | Input           | W       | 1600              | 2100             | 2800             | 3600             | 4150             | 5500             |
|                                 | Rated current   | A       | 7.20              | 9.20             | 14.00            | 7.00             | 7.60             | 10.00            |
|                                 | EER             | W/W     | 3.29              | 3.35             | 3.14             | 2.93             | 3.37             | 2.93             |
| Indoor air flow (Hi/Med/Low)    |                 | m3/h    | 1250/1000/900     | 1600/1500/1400   | 1600/1500/1400   | 1600/1500/1400   | 1700/1500/1400   | 1900/1700/1500   |
| Indoor noise level (Hi/Med/Low) |                 | dB(A)   | 41/39/35          | 50/48/46         | 50/48/46         | 50/48/46         | 50/48/46         | 52/50/48         |
| Indoor dimension                | Unit (WxHxD)    | mm      | 840 × 245 × 840   | 840 × 245 × 840  | 840 × 245 × 840  | 840 × 245 × 840  | 840 × 290 × 840  | 840 × 290 × 840  |
|                                 | Packing (WxHxD) | mm      | 935 × 305 × 935   | 935 × 305 × 935  | 935 × 305 × 935  | 935 × 305 × 935  | 935 × 350 × 935  | 935 × 350 × 935  |
| Indoor weight                   | Net             | kg      | 22                | 24.5             | 26               | 26               | 28               | 28               |
|                                 | Gross           | kg      | 26                | 29               | 30               | 30               | 33               | 33               |
| Panel                           | Unit (WxHxD)    | mm      | 950 × 45 × 950    | 950 × 45 × 950   | 950 × 45 × 950   | 950 × 45 × 950   | 950 × 45 × 950   | 950 × 45 × 950   |
|                                 | Packing (WxHxD) | mm      | 1055 × 90 × 1055  | 1055 × 90 × 1055 | 1055 × 90 × 1055 | 1055 × 90 × 1055 | 1055 × 90 × 1055 | 1055 × 90 × 1055 |
|                                 | Net/Gross       | kg      | 6/9               | 6/9              | 6/9              | 6/9              | 6/9              | 6/9              |
| Refrigerant                     | Type            |         | R410A             |                  |                  |                  |                  |                  |
| Refrigerant pipe                | Liquid side     | mm      | 6.35              | 9.52             | 9.52             | 9.52             | 9.52             | 9.52             |
|                                 | Gas side        | mm      | 12.70             | 15.88            | 15.88            | 15.88            | 19.05            | 19.05            |
| Drainage water pipe diameter    |                 | mm      | OD32              |                  |                  |                  |                  |                  |
| Operation temperature range     |                 | °C      | -10~48            |                  |                  |                  |                  |                  |

## DUCT TYPE INDOOR UNIT

CB | RoHS | REACH



| Model name                           | Duct Indoor     |         | ONXT-RT18DS       | ONXT-RT24DS      | ONXT-RT30DS      | ONXT-RT36DS      | ONXT-RT48DS      | ONXT-RT60DS      |
|--------------------------------------|-----------------|---------|-------------------|------------------|------------------|------------------|------------------|------------------|
| Power supply                         |                 | V/Hz/Ph | 220~240V~/50Hz/1P |                  |                  |                  |                  |                  |
| Cooling                              | Capacity        | Btu/h   | 18000             | 24000            | 30000            | 36000            | 48000            | 55000            |
|                                      | Capacity        | W       | 5270              | 7030             | 8790             | 10548            | 14000            | 16100            |
|                                      | Input           | W       | 1700              | 2100             | 2800             | 3600             | 4350             | 5600             |
|                                      | Rated current   | A       | 7.50              | 9.20             | 14.00            | 7                | 8.00             | 10.10            |
|                                      | EER             | W/W     | 3.10              | 3.35             | 3.14             | 2.93             | 3.22             | 2.88             |
| Indoor air flow (Hi/Med/Low)         |                 | m3/h    | 900/800/700       | 1300/1000/800    | 1600/1450/1350   | 1600/1450/1350   | 1900/1750/1550   | 1900/1750/1550   |
| Indoor external static pressure (Hi) |                 | Pa      | 25                | 25               | 37               | 37               | 50               | 50               |
| Indoor noise level (Hi/Med/Low)      |                 | dB(A)   | 43/35/32          | 46/43/41         | 46/44/42         | 46/44/42         | 47/44/42         | 47/44/42         |
| Indoor dimension (with filter)       | Unit (WxHxD)    | mm      | 920 × 210 × 605   | 920 × 270 × 605  | 1140 × 270 × 745 | 1140 × 270 × 745 | 1200 × 300 × 835 | 1200 × 300 × 835 |
|                                      | Packing (WxHxD) | mm      | 1115 × 280 × 690  | 1115 × 340 × 690 | 1345 × 345 × 830 | 1345 × 345 × 830 | 1405 × 375 × 925 | 1405 × 375 × 925 |
| Indoor weight                        | Net             | kg      | 22                | 27.5             | 35               | 35               | 43               | 43               |
|                                      | Gross           | kg      | 27                | 32               | 42               | 42               | 50               | 50               |
| Refrigerant                          | Type            |         | R410A             |                  |                  |                  |                  |                  |
| Refrigerant pipe                     | Liquid side     | mm      | 6.35              | 9.52             | 9.52             | 9.52             | 9.52             | 9.52             |
|                                      | Gas side        | mm      | 12.70             | 15.88            | 15.88            | 15.88            | 19.05            | 19.05            |
| Drainage water pipe diameter         |                 | mm      | OD25              |                  |                  |                  |                  |                  |
| Operation temperature range          |                 | °C      | -10~48            |                  |                  |                  |                  |                  |

1. Nominal cooling capacities are based on the following conditions: Indoor temp: 27° CDB, 19° CWB; Outdoor temp: 35° CDB; Equivalent ref. piping: 7.5m (horizontal)

2. Nominal heating capacities are based on the following conditions: Indoor temp: 20° CDB; Outdoor temp: 7° CDB, 6° CWB; Equivalent ref. piping: 7.5m (horizontal)

3. Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

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