



# 2025 CATALOGUE



Air-to-Water  
Heat Pumps



Residential  
Air Conditioners



Commercial  
Air Conditioners

# We invent you live

For over 50 years, Inventor A.G. S.A. has been a cornerstone of innovation and quality in the Greek market, setting new standards in air treatment and electrical appliances. Distinguished for delivering premium products and exceptional service, Inventor has grown into a trusted global brand. With a strong presence in over 75 countries and a robust sales network, Inventor ensures seamless operations across markets. Dealers enjoy unparalleled marketing support and dedicated after-sales care, making Inventor the go-to partner for success in both B2B and B2C sectors. Our philosophy is rooted in simplifying everyday life by delivering exceptional comfort and seamless convenience for all.

In 2021 **Inventor** becomes part of the world's largest global refrigeration wholesaler, **Beijer Ref Group**.

## WE DO MORE

In today's fast-paced world, our homes must be sanctuaries where we recharge and find peace. That's where Inventor comes in. With advanced technology for ultimate comfort, Inventor air conditioners effortlessly create the perfect environment for relaxation and calm.



### FOR YOUR HOME

With Inventor air conditioners, enjoy effortless comfort and convenience in your home. Experience the perfect temperature all year round with zero hassle, letting you relax and live worry-free.



### FOR YOUR BUSINESS

Inventor air conditioners provide businesses with limitless comfort and efficiency. With easy installation and operation, they create the perfect environment for employees and customers—no extra effort required.



### FOR THE ENVIRONMENT

Save energy and protect the planet with Inventor's eco-friendly technology. A series of efficient systems deliver exceptional performance while minimizing your carbon footprint.



## Eurovent certification for Inventor air conditioners!

Inventor air conditioners have been certified with the “Eurovent Certified Performance” quality mark, verifying Inventor's commitment to providing hightech and high-performance products. Inventor air conditioners are certified by Eurovent for the accuracy of their high performance, technical features, low energy consumption and low noise levels. This certification is of utmost importance since it guarantees high product quality for both partners and end consumers.



## Inventor Acquires ESG Certification!



Sustainable temperature control for all! Inventor is proud to obtain the ESG certificate, manifesting the company's commitment to Environmental, Social, and Governance principles.

Inventor proudly adheres to ISO 9001, ISO 14001, ISO 45001, and ISO 27001 standards, ensuring quality excellence, environmental responsibility, occupational safety, and information security.

# Heat Pumps



## UPGRADE YOUR HEATING EXPERIENCE!

Inventor heat pumps simplify your life by offering the perfect balance of energy savings and easy operation. They provide heating, cooling, and domestic hot water with maximum convenience, even in extreme temperatures. With features like A+++ energy efficiency, rapid hot water production, quiet operation, and Wi-Fi control, Inventor heat pumps deliver comfort with minimal effort, letting you enjoy more and manage less. Upgrade your home's energy efficiency effortlessly with Inventor.



- ENERGY SAVING SOLUTION**  
A+++ Energy Class, Smart Grid, Weather Temperature Setting
- HIGH EFFICIENCY & FLEXIBILITY**  
Operation even in extreme temperatures (up to -25°C), Compressor and Chassis Heating Belt, Fast Domestic Hot Water Function
- TOTAL CONTROL**  
Wi-Fi Standard, Modbus RTU, Weekly Scheduling and Timer
- EASY INSTALLATION**  
Single Fan Design, Built-in Hydraulic Components, Underfloor drying operation

| Monoblock Type |     |     |      |      |      |      |      |      |
|----------------|-----|-----|------|------|------|------|------|------|
|                | 6kW | 8kW | 10kW | 12kW | 14kW | 16kW | 22kW | 30kW |
| 220-240/50/1   |     | •   | •    | •    | •    | •    |      |      |
| 220-240/50/1*  | •   | •   | •    | •    | •    | •    |      |      |
| 380-415/50/3   |     |     |      | •    | •    | •    | •    | •    |
| 380-415/50/3** |     |     |      | •    | •    | •    |      |      |

| Split Type     |     |     |     |      |      |      |      |
|----------------|-----|-----|-----|------|------|------|------|
|                | 4kW | 6kW | 8kW | 10kW | 12kW | 14kW | 16kW |
| 220-240/50/1   |     |     |     |      |      |      |      |
| 220-240/50/1*  | •   | •   | •   | •    | •    | •    | •    |
| 380-415/50/3   |     |     |     |      |      |      |      |
| 380-415/50/3** |     |     |     |      | •    | •    | •    |

\* integrated electrical heater 3kW | \*\* integrated electrical heater 9kW  
The wiring specifications for air conditioners and air-to-water heat pumps should always comply with the local regulations and requirements.

European Keymark certification from the CEN and CENELEC organizations, ensuring that the products have been tested and comply with European quality standards.

A wide range of solutions for every space!



| Model                                                    |                             |                                        |                     | ATS04S/HU060S3              | ATS06S/HU060S3              | ATS08S/HU100S3              | ATS10S/HU100S3              |                        | ATS12S/HU160S3              | ATS14S/HU160S3              | ATS16S/HU160S3              | ATS12T/HU160T9                | ATS14T/HU160T9                | ATS16T/HU160T9                |  |
|----------------------------------------------------------|-----------------------------|----------------------------------------|---------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|--|
| Heating at Ambient Temperature 7°C                       | Water tempera-<br>ture 35°C | Capacity                               | kW                  | 4.25                        | 6.20                        | 8.30                        | 10.0                        |                        | 12.1                        | 14.5                        | 16.0                        | 12.1                          | 14.5                          | 16.0                          |  |
|                                                          |                             | Rated input                            | kW                  | 0.82                        | 1.24                        | 1.60                        | 2.00                        |                        | 2.44                        | 3.09                        | 3.56                        | 2.44                          | 3.09                          | 3.56                          |  |
|                                                          |                             | COP                                    |                     | 5.20                        | 5.00                        | 5.20                        | 5.00                        |                        | 4.95                        | 4.70                        | 4.50                        | 4.95                          | 4.70                          | 4.50                          |  |
|                                                          | Water tempera-<br>ture 55°C | Capacity                               | kW                  | 4.40                        | 6.00                        | 7.50                        | 9.50                        |                        | 12.0                        | 13.8                        | 16.0                        | 12.0                          | 13.8                          | 16.0                          |  |
|                                                          |                             | Rated input                            | kW                  | 1.49                        | 2.00                        | 2.36                        | 3.06                        |                        | 3.87                        | 4.60                        | 5.52                        | 3.87                          | 4.60                          | 5.52                          |  |
|                                                          |                             | COP                                    |                     | 2.95                        | 3.00                        | 3.18                        | 3.10                        |                        | 3.10                        | 3.00                        | 2.90                        | 3.10                          | 3.00                          | 2.90                          |  |
| Cooling at Ambient Temperature 35°C                      | Water tempera-<br>ture 18°C | Capacity                               | kW                  | 4.50                        | 6.55                        | 8.40                        | 10.00                       |                        | 12.00                       | 13.50                       | 14.90                       | 12.00                         | 13.50                         | 14.90                         |  |
|                                                          |                             | Rated input                            | kW                  | 0.81                        | 1.34                        | 1.66                        | 2.08                        |                        | 3.00                        | 3.75                        | 4.38                        | 3.00                          | 3.75                          | 4.38                          |  |
|                                                          |                             | EER                                    |                     | 5.55                        | 4.90                        | 5.05                        | 4.80                        |                        | 4.00                        | 3.60                        | 3.40                        | 4.00                          | 3.60                          | 3.40                          |  |
| Cooling at Ambient Temperature 35°C                      | Water tempera-<br>ture 7°C  | Capacity                               | kW                  | 4.70                        | 7.00                        | 7.40                        | 8.20                        |                        | 11.6                        | 12.7                        | 14.0                        | 11.6                          | 12.7                          | 14.0                          |  |
|                                                          |                             | Rated input                            | kW                  | 1.36                        | 2.33                        | 2.19                        | 2.48                        |                        | 4.22                        | 4.98                        | 5.71                        | 4.22                          | 4.98                          | 5.71                          |  |
|                                                          |                             | EER                                    |                     | 3.45                        | 3.00                        | 3.38                        | 3.30                        |                        | 2.75                        | 2.55                        | 2.45                        | 2.75                          | 2.55                          | 2.45                          |  |
| Seasonal space heating energy efficiency class (Average) |                             | Water outlet at 35°C                   | ns (%)              | 191                         | 195                         | 205                         | 204                         |                        | 189                         | 185                         | 182                         | 189                           | 185                           | 182                           |  |
|                                                          |                             |                                        | class               | A+++                        | A+++                        | A+++                        | A+++                        |                        | A+++                        | A+++                        | A+++                        | A+++                          | A+++                          | A+++                          |  |
|                                                          |                             | Water outlet at 55°C                   | ns (%)              | 129                         | 138                         | 131                         | 136                         |                        | 135                         | 135                         | 133                         | 135                           | 135                           | 133                           |  |
|                                                          |                             |                                        | class               | A++                         | A++                         | A++                         | A++                         |                        | A++                         | A++                         | A++                         | A++                           | A++                           | A++                           |  |
| SCOP (Average)                                           |                             | Water outlet at 35°C                   |                     | 4.85                        | 4.95                        | 5.21                        | 5.19                        |                        | 4.81                        | 4.72                        | 4.62                        | 4.81                          | 4.72                          | 4.62                          |  |
|                                                          |                             | Water outlet at 55°C                   |                     | 3.31                        | 3.52                        | 3.36                        | 3.49                        |                        | 3.45                        | 3.47                        | 3.41                        | 3.45                          | 3.47                          | 3.41                          |  |
| SEER                                                     |                             | Water outlet at 7°C                    |                     | 4.99                        | 5.34                        | 5.83                        | 5.98                        |                        | 4.89                        | 4.86                        | 4.69                        | 4.86                          | 4.83                          | 4.67                          |  |
|                                                          |                             | Water outlet at 18°C                   |                     | 7.77                        | 8.21                        | 8.95                        | 8.78                        |                        | 7.1                         | 6.9                         | 6.75                        | 7.04                          | 6.85                          | 6.71                          |  |
| Power supply                                             |                             |                                        | V/Ph/Hz             | 220-240/50/1                |                             |                             |                             | 220-240/50/1           |                             |                             |                             | 380-415/50/3                  |                               |                               |  |
| Auxiliary Electric Heater                                |                             |                                        | kW/Ph               | 3 / 1                       | 3 / 1                       | 3 / 1                       | 3 / 1                       |                        | 3 / 1                       | 3 / 1                       | 3 / 1                       | 9 / 3                         | 9 / 3                         | 9 / 3                         |  |
| MOP/MCA                                                  |                             |                                        | A                   | 18/12                       | 18/14                       | 19/16                       | 19/17                       |                        | 30/25                       | 30/26                       | 30/27                       | 14/10                         | 14/11                         | 14/12                         |  |
| Compressor                                               |                             | Type                                   |                     | Twin rotary Mitsubishi      |                             |                             |                             | Twin rotary Mitsubishi |                             |                             |                             |                               |                               |                               |  |
| Refrigerant                                              |                             | Type / Charged volume (up to 15m)      |                     | kg                          | R32/1.50                    |                             | R32/1.65                    |                        | R32/1.84                    |                             |                             |                               |                               |                               |  |
| Water side heat exchanger                                |                             |                                        |                     | Plate Type                  |                             |                             |                             | Plate Type             |                             |                             |                             |                               |                               |                               |  |
| Pipe size                                                |                             | Liquid   Gas   Water (inner dimension) |                     | 1/4"   5/8"   R1"           |                             | 3/8"   5/8"   R1"           |                             | 3/8"   5/8"   R1"      |                             |                             |                             |                               |                               |                               |  |
| Indoor Fuse                                              |                             |                                        | No. x A             | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) |                        | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) | 4x20 (bipolar fuse kinetic)   | 4x20 (bipolar fuse kinetic)   | 4x20 (bipolar fuse kinetic)   |  |
| Outdoor Fuse                                             |                             |                                        | No. x A             | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) | 2x20 (bipolar fuse kinetic) |                        | 2x25 (bipolar fuse kinetic) | 2x32 (bipolar fuse kinetic) | 2x32 (bipolar fuse kinetic) | 4x20 (quadpolar fuse kinetic) | 4x20 (quadpolar fuse kinetic) | 4x20 (quadpolar fuse kinetic) |  |
| Signal Wires                                             |                             |                                        | No. x mm² / No. x A | 3x1.0 shielded              |                             |                             |                             | 3x1.0 shielded         |                             |                             |                             |                               |                               |                               |  |
| Sound (power/pressure/pressure silent 2)                 |                             | Outdoor                                | dB(A)               | 56/44/39                    | 58/45/40                    | 59/46/41                    | 60/49/41                    |                        | 64/50/43                    | 65/51/43                    | 68/54/43                    | 64/50/43                      | 65/51/43                      | 68/55/43                      |  |
|                                                          |                             | Indoor                                 |                     | 38/28                       |                             | 42/30                       |                             |                        | 43/32                       |                             |                             |                               |                               |                               |  |
| Unit dimension (W×H×D)                                   |                             | Outdoor                                | mm                  | 1008x712x426                |                             | 1118x865x523                |                             |                        |                             |                             |                             |                               |                               |                               |  |
|                                                          |                             | Indoor                                 |                     | 420x790x270                 |                             |                             |                             |                        | 420x790x270                 |                             |                             |                               |                               |                               |  |
| Net weight ODU/IDU                                       |                             |                                        | kg                  | 58/37                       |                             | 75/37                       |                             |                        | 97/39                       | 97/39                       | 97/39                       | 112/45                        | 112/45                        |                               |  |
| Outdoor air temperature range                            | Cooling                     | °C                                     | -5~43               |                             |                             |                             |                             | -5~43                  |                             |                             |                             |                               |                               |                               |  |
|                                                          | Heating                     | °C                                     | -25~35              |                             |                             |                             |                             | -25~35                 |                             |                             |                             |                               |                               |                               |  |
|                                                          | DHW                         | °C                                     | -25~43              |                             |                             |                             |                             | -25~43                 |                             |                             |                             |                               |                               |                               |  |
| Water outlet temperature range                           | Cooling                     | °C                                     | 5~25                |                             | 5~30                        |                             |                             | 5~30                   |                             |                             |                             |                               |                               |                               |  |
|                                                          | Heating                     | °C                                     | 25~65               |                             | 12~65                       |                             |                             | 12~65                  |                             |                             |                             |                               |                               |                               |  |
|                                                          | DHW (tank)                  | °C                                     | 30~60               |                             | 10~60                       |                             |                             | 10~60                  |                             |                             |                             |                               |                               |                               |  |

According to EU standards and legislations  
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Matrix Split Type Heat Pumps - Integrated  
With integrated water tank



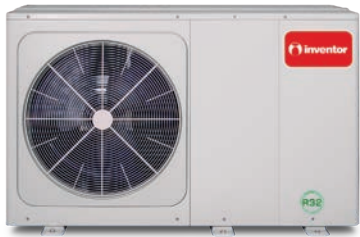
All-in-One design for comfort, flexibility & guaranteed performance!

| Model                                                    |                                        |                                   |                                 | ATS04S                      |              | ATS06S       |              | ATS08S            |              | ATS10S          |                             | ATS12S       | ATS14S                      | ATS16S                      | ATS12T       | ATS14T                        | ATS16T                        |              |     |
|----------------------------------------------------------|----------------------------------------|-----------------------------------|---------------------------------|-----------------------------|--------------|--------------|--------------|-------------------|--------------|-----------------|-----------------------------|--------------|-----------------------------|-----------------------------|--------------|-------------------------------|-------------------------------|--------------|-----|
| Hydro unit                                               |                                        |                                   |                                 | HU100WT190S3                | HU100WT240S3 | HU100WT190S3 | HU100WT240S3 | HU100WT190S3      | HU100WT240S3 |                 | HU100WT190S3                | HU100WT240S3 | HU160WT240S3                | HU160WT240S3                | HU160WT240S3 | HU160WT240T9                  | HU160WT240T9                  | HU160WT240T9 |     |
| Heating at Ambient Temperature 7°C                       | Water temperature 35°C                 | Capacity                          | kW                              | 4.25                        | 4.25         | 6.20         | 6.20         | 8.30              | 8.30         |                 | 10.00                       | 10.00        | 12.10                       | 14.50                       | 16.00        | 12.10                         | 14.50                         | 16.00        |     |
|                                                          |                                        | Rated input                       | kW                              | 0.82                        | 0.82         | 1.24         | 1.24         | 1.60              | 1.60         |                 | 2.00                        | 2.00         | 2.44                        | 3.09                        | 3.56         | 2.44                          | 3.09                          | 3.56         |     |
|                                                          |                                        | COP                               |                                 | 5.20                        | 5.20         | 5.00         | 5.00         | 5.20              | 5.20         |                 | 5.00                        | 5.00         | 4.95                        | 4.70                        | 4.50         | 4.95                          | 4.70                          | 4.50         |     |
|                                                          | Water temperature 55°C                 | Capacity                          | kW                              | 4.40                        | 4.40         | 6.00         | 6.00         | 7.50              | 7.50         |                 | 9.50                        | 9.50         | 11.90                       | 13.80                       | 16.00        | 11.90                         | 13.80                         | 16.00        |     |
|                                                          |                                        | Rated input                       | kW                              | 1.49                        | 1.49         | 2.03         | 2.03         | 2.36              | 2.36         |                 | 3.06                        | 3.06         | 3.87                        | 4.60                        | 5.52         | 3.87                          | 4.60                          | 5.52         |     |
|                                                          |                                        | COP                               |                                 | 2.95                        | 2.95         | 2.95         | 2.95         | 3.18              | 3.18         |                 | 3.10                        | 3.10         | 3.05                        | 2.95                        | 2.85         | 3.05                          | 2.95                          | 2.85         |     |
| Cooling at Ambient Temperature 35°C                      | Water temperature 18°C                 | Capacity                          | kW                              | 4.50                        | 4.50         | 6.55         | 6.55         | 8.40              | 8.40         |                 | 10.00                       | 10.00        | 12.00                       | 13.50                       | 14.20        | 12.00                         | 13.50                         | 14.20        |     |
|                                                          |                                        | Rated input                       | kW                              | 0.81                        | 0.81         | 1.34         | 1.34         | 1.66              | 1.66         |                 | 2.08                        | 2.08         | 3.00                        | 3.74                        | 3.94         | 3.00                          | 3.74                          | 3.94         |     |
|                                                          |                                        | EER                               |                                 | 5.55                        | 5.55         | 4.90         | 4.90         | 5.05              | 5.05         |                 | 4.80                        | 4.80         | 4.00                        | 3.61                        | 3.61         | 4.00                          | 3.61                          | 3.61         |     |
|                                                          | Water temperature 7°C                  | Capacity                          | kW                              | 4.70                        | 4.70         | 7.00         | 7.00         | 7.40              | 7.40         |                 | 8.20                        | 8.20         | 11.60                       | 12.70                       | 14.00        | 11.60                         | 12.70                         | 14.00        |     |
|                                                          |                                        | Rated input                       | kW                              | 1.36                        | 1.36         | 2.33         | 2.33         | 2.19              | 2.19         |                 | 2.48                        | 2.48         | 4.22                        | 4.98                        | 5.71         | 4.22                          | 4.98                          | 5.71         |     |
|                                                          |                                        | EER                               |                                 | 3.45                        | 3.45         | 3.00         | 3.00         | 3.38              | 3.38         |                 | 3.30                        | 3.30         | 2.75                        | 2.55                        | 2.45         | 2.75                          | 2.55                          | 2.45         |     |
| Seasonal space heating energy efficiency class (Average) |                                        | Water outlet at 35°C              | ns (%)                          | 191                         | 191          | 195          | 195          | 205.60            | 205.60       |                 | 204.80                      | 204.80       | 189.40                      | 185.70                      | 181.70       | 189.30                        | 185.60                        | 181.60       |     |
|                                                          |                                        |                                   | class                           | A+++                        | A+++         | A+++         | A+++         | A+++              | A+++         | A+++            | A+++                        | A+++         | A+++                        | A+++                        | A+++         | A+++                          | A+++                          |              |     |
|                                                          |                                        | Water outlet at 55°C              | ns (%)                          | 129.5                       | 129.5        | 137.9        | 137.9        | 131.50            | 131.50       |                 | 136.60                      | 136.60       | 135.10                      | 135.60                      | 133.30       | 135.10                        | 135.60                        | 133.20       |     |
|                                                          |                                        |                                   | class                           | A++                         | A++          | A++          | A++          | A++               | A++          |                 | A++                         | A++          | A++                         | A++                         | A++          | A++                           | A++                           | A++          | A++ |
| SCOP (Average)                                           |                                        | Water outlet at 35°C              |                                 | 4.85                        | 4.85         | 4.95         | 4.95         | 5.22              | 5.22         |                 | 5.20                        | 5.20         | 4.81                        | 4.81                        | 4.72         | 4.72                          | 4.62                          | 4.62         |     |
|                                                          |                                        | Water outlet at 55°C              |                                 | 3.31                        | 3.31         | 3.52         | 3.52         | 3.36              | 3.36         |                 | 3.49                        | 3.49         | 3.45                        | 3.45                        | 3.47         | 3.47                          | 3.41                          | 3.41         |     |
| SEER                                                     |                                        | Water outlet at 7°C               |                                 | 4.98                        | 4.98         | 5.31         | 5.31         | 5.83              | 5.83         |                 | 5.96                        | 5.96         | 4.93                        | 4.81                        | 4.60         | 4.83                          | 4.79                          | 4.58         |     |
|                                                          |                                        | Water outlet at 18°C              |                                 | 7.77                        | 7.77         | 8.25         | 8.25         | 8.95              | 8.95         |                 | 8.80                        | 8.80         | 7.14                        | 6.86                        | 6.67         | 7.00                          | 6.81                          | 6.63         |     |
| Power supply                                             |                                        |                                   | V/Hz/Ph                         | 220-240/50/1                |              |              |              |                   |              |                 | 220-240/50/1                |              |                             |                             |              |                               | 380-415/50/3                  |              |     |
| Auxiliary Electric Heater                                |                                        |                                   | kW/Ph                           | 3 / 1                       |              |              |              |                   |              |                 | 3 / 1                       |              |                             |                             |              |                               | 9 / 3                         |              |     |
| MOP/MCA                                                  |                                        |                                   | A                               | 18/12                       |              | 18/14        |              | 19/16             |              |                 | 19/17                       |              | 30/25                       | 30/26                       | 30/27        | 14/10                         | 14/11                         | 14/12        |     |
| Compressor                                               |                                        | Type                              |                                 | Twin rotary Mitsubishi      |              |              |              |                   |              |                 |                             |              |                             |                             |              |                               |                               |              |     |
| Refrigerant                                              |                                        | Type / Charged volume (up to 15m) | kg                              | R32/1.50                    |              |              |              | R32/1.65          |              |                 | R32/1.65                    |              | R32/1.84                    |                             |              |                               |                               |              |     |
| Water side heat exchanger                                |                                        |                                   |                                 | Plate Type                  |              |              |              |                   |              |                 |                             |              |                             |                             |              |                               |                               |              |     |
| Water side connection (inner dimension)                  |                                        |                                   | inch                            | 1/4"   5/8"   R1"           |              |              |              | 3/8"   5/8"   R1" |              |                 | 3/8"   5/8"   R1"           |              |                             |                             |              |                               |                               |              |     |
| Indoor Fuse                                              |                                        |                                   | No. x A                         | 2x20 (bipolar fuse kinetic) |              |              |              |                   |              |                 | 2x20 (bipolar fuse kinetic) |              |                             |                             |              |                               | 4x16 (quadpolar fuse kinetic) |              |     |
| Outdoor Fuse                                             |                                        |                                   | No. x A                         | 2x20 (bipolar fuse kinetic) |              |              |              |                   |              |                 | 2x20 (bipolar fuse kinetic) |              | 2x25 (bipolar fuse kinetic) | 2x32 (bipolar fuse kinetic) |              | 4x16 (quadpolar fuse kinetic) |                               |              |     |
| Power Supply Wire                                        |                                        |                                   | No. x mm <sup>2</sup> / No. x A | 3x1.0 shielded              |              |              |              |                   |              |                 | 3x1.0 shielded              |              |                             |                             |              |                               |                               |              |     |
| Sound (power/pressure/pressure silent 2)                 |                                        | Outdoor                           | dB(A)                           | 56/44/39                    |              | 58/45/40     |              | 59/46/41          |              |                 | 60/49/41                    |              | 64/50/43                    | 65/51/43                    | 68/54/43     | 64/50/43                      | 65/51/43                      | 68/55/43     |     |
|                                                          |                                        | Indoor                            |                                 | 38/22                       |              | 38/24        |              | 40/22             |              |                 | 40/22                       |              | 42/24                       | 44/25                       | 44/24        | 42/24                         | 44/25                         | 44/24        |     |
| Unit dimension (W×H×D)                                   |                                        | Outdoor                           | mm                              | 1.008x712x426               |              |              |              | 1.118x865x523     |              |                 | 1.118x865x523               |              |                             |                             |              |                               |                               |              |     |
|                                                          |                                        | Indoor                            |                                 | 600x1683x600                | 600x1943x600 | 600x1683x600 | 600x1943x600 | 600x1683x600      | 600x1943x600 |                 | 600x1683x600                | 600x1943x600 | 600x1943x600                |                             |              | 600x1943x600                  |                               |              |     |
| Net weight Outdoor/Indoor                                |                                        |                                   | kg                              | 58/140                      | 58/157       | 58/140       | 58/157       | 75/140            | 75/157       |                 | 75/140                      | 75/157       | 97/159                      |                             |              | 112/159                       |                               |              |     |
| DHW Water tank                                           | Liters                                 | L                                 | 190                             | 240                         | 190          | 240          | 190          | 240               |              | 190             | 240                         | 240          |                             |                             | 240          |                               |                               |              |     |
|                                                          | Maximun Water Temp (Disinfection mode) | °C                                | 70                              |                             |              |              | 70           |                   |              |                 | 70                          |              |                             | 70                          |              |                               |                               |              |     |
|                                                          | Maximun Water Pressure                 | bar                               | 10                              |                             |              |              | 10           |                   |              |                 | 10                          |              |                             | 10                          |              |                               |                               |              |     |
|                                                          | Material                               |                                   | Stainless steel                 |                             |              |              |              |                   |              | Stainless steel |                             |              |                             |                             |              |                               |                               |              |     |
| Outdoor air temperature range                            | Cooling                                | °C                                | -5~43                           |                             |              |              |              |                   |              | -5~43           |                             |              |                             |                             |              |                               |                               |              |     |
|                                                          | Heating                                | °C                                | -25~35                          |                             |              |              |              |                   |              | -25~35          |                             |              |                             |                             |              |                               |                               |              |     |
|                                                          | DHW                                    | °C                                | -25~43                          |                             |              |              |              |                   |              | -25~43          |                             |              |                             |                             |              |                               |                               |              |     |
| Water outlet temperature range                           | Cooling                                | °C                                | 5~25                            |                             |              |              |              |                   |              | 5~25            |                             |              |                             |                             |              |                               |                               |              |     |
|                                                          | Heating                                | °C                                | 25~65                           |                             |              |              |              |                   |              | 25~65           |                             |              |                             |                             |              |                               |                               |              |     |
|                                                          | DHW (tank)                             | °C                                | 30~60                           |                             |              |              |              |                   |              | 30~60           |                             |              |                             |                             |              |                               |                               |              |     |

According to EU standards and legislations  
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

High performance, energy saving & ideal conditions!



| Model                                                    |                       |                       |         | ATMH06S3                    | ATMH08S3     | ATMH10S3   | ATMH12S3                    |        | ATMH14S3                    | ATMH16S3                    | ATMH12T9                      | ATMH14T9 | ATMH16T9 |
|----------------------------------------------------------|-----------------------|-----------------------|---------|-----------------------------|--------------|------------|-----------------------------|--------|-----------------------------|-----------------------------|-------------------------------|----------|----------|
| Heating at Ambient Temperature 7℃                        | Water temperature 35℃ | Capacity              | kW      | 6.35                        | 8.40         | 10.0       | 12.1                        |        | 14.5                        | 15.9                        | 12.1                          | 14.5     | 15.9     |
|                                                          |                       | Rated input           | kW      | 1.28                        | 1.63         | 2.02       | 2.44                        |        | 3.15                        | 3.53                        | 2.44                          | 3.15     | 3.53     |
|                                                          |                       | COP                   |         | 4.95                        | 5.15         | 4.95       | 4.95                        |        | 4.60                        | 4.50                        | 4.95                          | 4.60     | 4.50     |
|                                                          | Water temperature 55℃ | Capacity              | kW      | 6.00                        | 7.50         | 9.50       | 11.9                        |        | 13.8                        | 16.0                        | 11.9                          | 13.8     | 16.0     |
|                                                          |                       | Rated input           | kW      | 2.03                        | 2.36         | 3.06       | 3.90                        |        | 4.68                        | 5.61                        | 3.90                          | 4.68     | 5.61     |
|                                                          |                       | COP                   |         | 2.95                        | 3.18         | 3.10       | 3.05                        |        | 2.95                        | 2.85                        | 3.05                          | 2.95     | 2.85     |
| Cooling at Ambient Temperature 35℃                       | Water temperature 18℃ | Capacity              | kW      | 6.50                        | 8.30         | 9.90       | 12.00                       |        | 13.50                       | 14.90                       | 12.00                         | 13.50    | 14.90    |
|                                                          |                       | Rated input           | kW      | 1.35                        | 1.64         | 2.18       | 3.04                        |        | 3.75                        | 4.38                        | 3.04                          | 3.75     | 4.38     |
|                                                          |                       | EER                   |         | 4.80                        | 5.05         | 4.55       | 3.95                        |        | 3.60                        | 3.40                        | 3.95                          | 3.60     | 3.40     |
| Cooling at Ambient Temperature 35℃                       | Water temperature 7℃  | Capacity              | kW      | 7.00                        | 7.45         | 8.20       | 11.5                        |        | 12.4                        | 14.0                        | 11.5                          | 12.4     | 14.0     |
|                                                          |                       | Rated input           | kW      | 2.33                        | 2.22         | 2.52       | 4.18                        |        | 4.96                        | 5.60                        | 4.18                          | 4.96     | 5.60     |
|                                                          |                       | EER                   |         | 3.00                        | 3.35         | 3.25       | 2.75                        |        | 2.50                        | 2.50                        | 2.75                          | 2.50     | 2.50     |
| Seasonal space heating energy efficiency class (Average) |                       | Water outlet at 35℃   | ns (%)  | 195                         | 205          | 204        | 189                         |        | 185                         | 181.7                       | 189                           | 185      | 181.6    |
|                                                          |                       |                       | class   | A+++                        | A+++         | A+++       | A+++                        |        | A+++                        | A+++                        | A+++                          | A+++     | A+++     |
|                                                          |                       | Water outlet at 55℃   | ns (%)  | 138                         | 131          | 136        | 135                         |        | 135                         | 133.3                       | 135                           | 135      | 133      |
|                                                          |                       |                       | class   | A++                         | A++          | A++        | A++                         |        | A++                         | A++                         | A++                           | A++      | A++      |
| SCOP (Average)                                           |                       | Water outlet at 35℃   |         | 4.95                        | 5.21         | 5.19       | 4.81                        |        | 4.72                        | 4.62                        | 4.81                          | 4.72     | 4.62     |
|                                                          |                       | Water outlet at 55℃   |         | 3.52                        | 3.36         | 3.49       | 3.45                        |        | 3.47                        | 3.41                        | 3.45                          | 3.47     | 3.41     |
| SEER                                                     |                       | Water outlet at 7℃    |         | 5.34                        | 5.83         | 5.98       | 4.89                        |        | 4.86                        | 4.69                        | 4.86                          | 4.83     | 4.67     |
|                                                          |                       | Water outlet at 18℃   |         | 8.21                        | 8.95         | 8.78       | 7.1                         |        | 6.9                         | 6.75                        | 7.04                          | 6.85     | 6.71     |
| Power supply                                             |                       |                       | V/Ph/Hz | 220-240/50/1                |              |            |                             |        | 220-240/50/1                |                             | 380-415/50/3                  |          |          |
| Auxiliary Electric Heater                                |                       |                       | kW/Ph   | 3 / 1                       |              |            |                             |        | 3 / 1                       |                             | 9 / 3                         |          |          |
| MOP/MCA                                                  |                       |                       | A       | 18/14                       | 19/16        | 19/17      | 30/25                       |        | 30/26                       | 30/27                       | 14/10                         | 14/11    | 14/12    |
| Compressor                                               |                       | Type                  |         | Twin rotary Mitsubishi      |              |            |                             |        | Twin rotary Mitsubishi      |                             |                               |          |          |
| Refrigerant                                              |                       | Type / Charged volume | kg      | R32/1.40                    |              |            | R32/1.75                    |        | R32/1.75                    |                             |                               |          |          |
| Water side heat exchanger                                |                       |                       |         | Plate Type                  |              |            |                             |        | Plate Type                  |                             |                               |          |          |
| Water side connection (inner dimension)                  |                       |                       | inch    | R1"                         | R 1-1/4"     |            |                             |        |                             |                             |                               |          |          |
| Fuse                                                     |                       |                       | No. x A | 2x32 (bipolar fuse kinetic) |              |            | 2x50 (bipolar fuse kinetic) |        | 2x50 (bipolar fuse kinetic) | 2x50 (bipolar fuse kinetic) | 4x25 (quadpolar fuse kinetic) |          |          |
| sound (power/pressure/pressure silent 2)                 |                       |                       | dB(A)   | 58/47.5/40                  | 59/48.5/41   | 60/50.5/41 | 65/53/43                    |        | 65/53.5/43                  | 69/57.5/43                  | 65/53.5/43                    | 65/54/43 | 69/58/43 |
| Unit dimension (W×H×D)                                   |                       |                       | mm      | 1295x718x429                | 1385×865×526 |            |                             |        | 1385×865×526                |                             |                               |          |          |
| Net weight                                               |                       |                       | kg      | 91                          | 110          |            | 134                         |        | 134                         |                             | 149                           |          |          |
| Outdoor air temperature range                            | Cooling               | ℃                     | -5~43   |                             |              |            |                             | -5~43  |                             |                             |                               |          |          |
|                                                          | Heating               | ℃                     | -25~35  |                             |              |            |                             | -25~35 |                             |                             |                               |          |          |
|                                                          | DHW                   | ℃                     | -25~43  |                             |              |            |                             | -25~43 |                             |                             |                               |          |          |
| Water outlet temperature range                           | Cooling               | ℃                     | 5~30    |                             |              |            |                             | 5~30   |                             |                             |                               |          |          |
|                                                          | Heating               | ℃                     | 12~65   |                             |              |            |                             | 12~65  |                             |                             |                               |          |          |
|                                                          | DHW (tank)            | ℃                     | 10~60   |                             |              |            |                             | 10~60  |                             |                             |                               |          |          |

According to EU standards and legislations  
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Matrix Monoblock Type Heat Pumps  
Without integrated electric heater



High Technology, maximum efficiency and money saving!

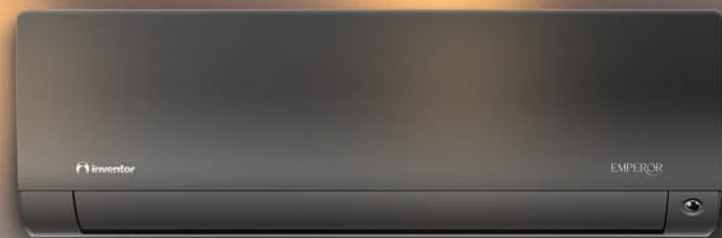


| Model                                                    |                         |                       |         | ATM08S                      | ATM10S     | ATM12S                      | ATM14S                      |  | ATM16S                      | ATM12T                        | ATM14T       | ATM16T        | ATM22T                        | ATM30T                        |  |
|----------------------------------------------------------|-------------------------|-----------------------|---------|-----------------------------|------------|-----------------------------|-----------------------------|--|-----------------------------|-------------------------------|--------------|---------------|-------------------------------|-------------------------------|--|
| Heating at Ambient Temperature 7°C                       | Water tem-perature 35°C | Capacity              | kW      | 8.40                        | 10.0       | 12.1                        | 14.5                        |  | 15.9                        | 12.1                          | 14.5         | 15.9          | 22                            | 30                            |  |
|                                                          |                         | Rated input           | kW      | 1.63                        | 2.02       | 2.44                        | 3.15                        |  | 3.53                        | 2.44                          | 3.15         | 3.53          | 5.00                          | 7.70                          |  |
|                                                          |                         | COP                   |         | 5.15                        | 4.95       | 4.95                        | 4.60                        |  | 4.50                        | 4.95                          | 4.60         | 4.50          | 4.40                          | 3.91                          |  |
|                                                          | Water tem-perature 55°C | Capacity              | kW      | 7.50                        | 9.50       | 11.9                        | 13.8                        |  | 16.0                        | 11.9                          | 13.8         | 16.0          | 23                            | 31                            |  |
|                                                          |                         | Rated input           | kW      | 2.36                        | 3.06       | 3.90                        | 4.68                        |  | 5.61                        | 3.90                          | 4.68         | 5.61          | 5.00                          | 7.75                          |  |
|                                                          |                         | COP                   |         | 3.18                        | 3.10       | 3.05                        | 2.95                        |  | 2.85                        | 3.05                          | 2.95         | 2.85          | 4.60                          | 4.00                          |  |
| Cooling at Ambient Temperature 35°C                      | Water tem-perature 18°C | Capacity              | kW      | 8.30                        | 9.90       | 12.00                       | 13.50                       |  | 14.90                       | 12.00                         | 13.50        | 14.90         | 21                            | 29.50                         |  |
|                                                          |                         | Rated input           | kW      | 1.64                        | 2.18       | 3.04                        | 3.75                        |  | 4.38                        | 3.04                          | 3.75         | 4.38          | 7.12                          | 11.57                         |  |
|                                                          |                         | EER                   |         | 5.05                        | 4.55       | 3.95                        | 3.60                        |  | 3.40                        | 3.95                          | 3.60         | 3.40          | 2.95                          | 2.55                          |  |
| Cooling at Ambient Temperature 35°C                      | Water tem-perature 7°C  | Capacity              | kW      | 7.45                        | 8.20       | 11.5                        | 12.4                        |  | 14.0                        | 11.5                          | 12.4         | 14.0          | 23                            | 31                            |  |
|                                                          |                         | Rated input           | kW      | 2.22                        | 2.52       | 4.18                        | 4.96                        |  | 5.60                        | 4.18                          | 4.96         | 5.60          | 5.00                          | 7.75                          |  |
|                                                          |                         | EER                   |         | 3.35                        | 3.25       | 2.75                        | 2.50                        |  | 2.50                        | 2.75                          | 2.50         | 2.50          | 4.60                          | 4.00                          |  |
| Seasonal space heating energy efficiency class (Average) |                         | Water outlet at 35°C  | ns (%)  | 205                         | 204        | 189                         | 185                         |  | 181.7                       | 189                           | 185          | 181.6         | 178.1                         | 164.5                         |  |
|                                                          |                         |                       | class   | A+++                        | A+++       | A+++                        | A+++                        |  | A+++                        | A+++                          | A+++         | A+++          | A+++                          | A++                           |  |
|                                                          |                         | Water outlet at 55°C  | ns (%)  | 131                         | 136        | 135                         | 135                         |  | 133.3                       | 135                           | 135          | 133           | 125.8                         | 122.5                         |  |
|                                                          |                         |                       | class   | A++                         | A++        | A++                         | A++                         |  | A++                         | A++                           | A++          | A++           | A++                           | A+                            |  |
| SCOP (Average)                                           |                         | Water outlet at 35°C  |         | 5.21                        | 5.19       | 4.81                        | 4.72                        |  | 4.62                        | 4.81                          | 4.72         | 4.62          | 4.53                          | 4.19                          |  |
|                                                          |                         | Water outlet at 55°C  |         | 3.36                        | 3.49       | 3.45                        | 3.47                        |  | 3.41                        | 3.45                          | 3.47         | 3.41          | 3.22                          | 3.14                          |  |
| SEER                                                     |                         | Water outlet at 7°C   |         | 5.83                        | 5.98       | 4.89                        | 4.86                        |  | 4.69                        | 4.86                          | 4.83         | 4.67          | 4.70                          | 4.49                          |  |
|                                                          |                         | Water outlet at 18°C  |         | 8.95                        | 8.78       | 7.1                         | 6.9                         |  | 6.75                        | 7.04                          | 6.85         | 6.71          | 5.67                          | 5.71                          |  |
| Power supply                                             |                         |                       | V/Ph/Hz | 220-240/50/1                |            |                             |                             |  |                             | 220-240/50/1                  | 380-415/50/3 |               |                               |                               |  |
| Auxiliary Electric Heater                                |                         |                       | kW/Ph   | -                           |            |                             |                             |  |                             | -                             |              |               |                               |                               |  |
| MOP/MCA                                                  |                         |                       | A       | 19/16                       | 19/17      | 30/25                       | 30/26                       |  | 30/27                       | 14/10                         | 14/11        | 14/12         | 21/24.5                       | 28/28.5                       |  |
| Compressor                                               |                         | Type                  |         | Twin rotary Mitsubishi      |            |                             |                             |  |                             | Twin rotary Mitsubishi        |              |               |                               |                               |  |
| Refrigerant                                              |                         | Type / Charged volume | kg      | R32/1.40                    |            | R32/1.75                    |                             |  |                             | R32/1.75                      |              |               | R32/5.00                      |                               |  |
| Water side heat exchanger                                |                         |                       |         | Plate Type                  |            |                             |                             |  |                             | Plate Type                    |              |               |                               |                               |  |
| Water side connection (inner dimension)                  |                         |                       | inch    | R 1-1/4"                    |            |                             |                             |  |                             | R 1-1/4"                      |              |               |                               |                               |  |
| Fuse                                                     |                         |                       | No. x A | 2x20 (bipolar fuse kinetic) |            | 2x25 (bipolar fuse kinetic) | 2x32 (bipolar fuse kinetic) |  | 2x25 (bipolar fuse kinetic) | 4x20 (quadpolar fuse kinetic) |              |               | 4x25 (quadpolar fuse kinetic) | 4x32 (quadpolar fuse kinetic) |  |
| sound (power/pressure/pressure silent 2)                 |                         |                       | dB(A)   | 59/48.5/41                  | 60/50.5/41 | 65/53/43                    | 65/53.5/43                  |  | 69/57.5/43                  | 65/53.5/43                    | 65/54/43     | 69/58/43      | 73/59.8/54                    | 77/63.5/57                    |  |
| Unit dimension (W×H×D)                                   |                         |                       | mm      | 1385×865×526                |            |                             | 1385×865×526                |  | 1385×865×526                |                               |              | 1129×1558×440 |                               |                               |  |
| Net weight                                               |                         |                       | kg      | 105                         |            | 129                         | 129                         |  | 129                         | 144                           |              |               | 177                           |                               |  |
| Outdoor air temperature range                            | Cooling                 | °C                    |         | -5~43                       |            |                             |                             |  |                             | -5~43                         |              |               | -5~46                         |                               |  |
|                                                          | Heating                 | °C                    |         | -25~35                      |            |                             |                             |  |                             | -25~35                        |              |               | -25~35                        |                               |  |
|                                                          | DHW                     | °C                    |         | -25~43                      |            |                             |                             |  |                             | -25~43                        |              |               | -25~43                        |                               |  |
| Water outlet temperature range                           | Cooling                 | °C                    |         | 5~30                        |            |                             |                             |  |                             | 5~30                          |              |               | 5~25                          |                               |  |
|                                                          | Heating                 | °C                    |         | 12~65                       |            |                             |                             |  |                             | 12~65                         |              |               | 25~60                         |                               |  |
|                                                          | DHW (tank)              | °C                    |         | 10~60                       |            |                             |                             |  |                             | 10~60                         |              |               | 30~60                         |                               |  |

According to EU standards and legislations  
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

# Wall Mounted Air Conditioners



## TECHNOLOGY FOR EASY LIVING!

Inventor air conditioners combine advanced technology with exceptional reliability, to deliver excellence in both summer heat and winter cold. Featuring smart functions and eco-friendly, energy-saving solutions, they ensure optimal comfort with minimal impact on the environment. The refined, high-standard design is enhanced with Wi-Fi connectivity, giving you absolute control at your fingertips. Experience superior air quality and perfectly balanced temperatures, tailored to your needs. With Inventor's innovative technology, creating your ideal environment has never been easier—unlock the comfort of a better life today!



## MAXIMIZING COMFORT WITH ENERGY-EFFICIENT AIR CONDITIONING!

Experience the perfect balance of comfort and sustainability with our energy-efficient air conditioners. Designed to provide optimal cooling and heating while minimizing energy consumption, our systems not only keep your space at the ideal temperature, but also help you save on energy costs. Make the smart choice for both your wallet and the planet!



## TECHNOLOGY IN THE PALM OF YOUR HAND WITH INVENTOR CONTROL!

Take full control of your air conditioner anytime, anywhere with the Inventor Control app. Effortlessly manage your unit using voice commands or smart scenarios tailored to your daily routine. Enjoy ultimate comfort without even leaving your couch, saving time and energy while making your life simpler and more efficient.

### Get connected in just 4 simple steps!

Download the app



iOS



Android



Inventor Control APP is compatible with Google Assistant\*, Amazon Alexa\*\* and Siri Shortcuts.

\* Google is a trademark of Google LLC. Google Assistant is not available in certain languages and countries.

\*\* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Aria

Sterilization  
HEPA FilterTriple Action  
Filter

Follow Me



8°C Heating



| Model                                                   |                                         |                                     | AR5VI-09WFI/<br>AR5VO-09 | AR5VI-12WFI/<br>AR5VO-12 | AR5VI-18WFI/<br>AR5VO-18 | AR5VI-24WFI/<br>AR5VO-24 |
|---------------------------------------------------------|-----------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Cooling Capacity (Btu/h)                                |                                         |                                     | 9,000 (3,500-11,000)     | 12,000 (2,800-14,200)    | 18,000 (11,570-20,130)   | 24,000 (7,200-28,000)    |
| Cooling Capacity (kWatt)                                |                                         |                                     | 2.64 (1.03-3.22)         | 3.52 (0.82-4.16)         | 5.28 (3.39-5.90)         | 7.03 (2.11-8.21)         |
| Heating Capacity (Btu/h)                                |                                         |                                     | 10,000 (2,800-11,500)    | 13,000 (2,900-16,300)    | 19,000 (10,580-19,960)   | 25,000 (5,300-28,000)    |
| Heating Capacity (kWatt)                                |                                         |                                     | 2.93 (0.82-3.37)         | 3.81 (0.85-4.78)         | 5.57 (3.10-5.85)         | 7.33 (1.55-8.21)         |
| Seasonal<br>Efficiency<br>(In accordance to<br>EN14825) | Cooling                                 | Pdesign (kW)                        | 2.7                      | 3.5                      | 5.3                      | 7.0                      |
|                                                         |                                         | Energy Class                        | A++                      | A++                      | A++                      | A++                      |
|                                                         |                                         | SEER                                | 6.9                      | 7.0                      | 7.0                      | 6.5                      |
|                                                         |                                         | Annual Power Consumption (kWh/year) | 137                      | 175                      | 265                      | 377                      |
|                                                         | Heating<br>(Middle Zone)                | Pdesign (kW)                        | 2.7                      | 2.9                      | 4.1                      | 4.9                      |
|                                                         |                                         | Energy Class                        | A+                       | A+                       | A+                       | A+                       |
|                                                         |                                         | SCOP                                | 4.0                      | 4.1                      | 4.1                      | 4.0                      |
|                                                         |                                         | Annual Power Consumption (kWh/year) | 946                      | 992                      | 1,401                    | 1,717                    |
|                                                         | Heating<br>(Warm Zone)                  | Pdesign (kW)                        | 2.5                      | 2.5                      | 4.5                      | 5.3                      |
|                                                         |                                         | Energy Class                        | A+++                     | A+++                     | A+++                     | A+++                     |
|                                                         |                                         | SCOP                                | 5.3                      | 5.4                      | 5.1                      | 5.1                      |
|                                                         |                                         | Annual Power Consumption (kWh/year) | 661                      | 649                      | 1,308                    | 1,545                    |
| Voltage/Frequency/Phase (V/Hz/Ph)                       |                                         |                                     | 220-240/50/1             | 220-240/50/1             | 220-240/50/1             | 220-240/50/1             |
| Current Input (A)                                       | Cooling                                 | 3.22 (0.35-4.78)                    | 4.96 (0.40-6.90)         | 6.70 (2.40-9.00)         | 10.90 (1.80-13.90)       |                          |
|                                                         | Heating                                 | 3.40 (0.32-4.32)                    | 4.68 (0.70-7.40)         | 6.50 (3.40-8.70)         | 9.30 (1.30-13.50)        |                          |
| Power Input (kW)                                        | Cooling                                 | 0.74 (0.08-1.10)                    | 1.09 (0.10-1.60)         | 1.55 (0.56-2.05)         | 2.51 (0.42-3.20)         |                          |
|                                                         | Heating                                 | 0.78 (0.07-0.99)                    | 1.05 (0.16-1.71)         | 1.50 (0.78-2.00)         | 2.13 (0.30-3.10)         |                          |
| Air Flow Volume (High/Medium/Low) (m³/h)                |                                         |                                     | 416/309/230              | 584/477/395              | 730/500/420              | 1020/830/640             |
| Noise Level [dB(A)]                                     | Indoor unit<br>(Silent/Low/Medium/High) | 23/26/32/39                         | 23/26/32/39              | 23/28/33.5/43            | 25/30.5/41.0/47          |                          |
|                                                         | Outdoor unit                            | 56                                  | 56                       | 55.5                     | 60.5                     |                          |
| Sound Power Level [dB(A)]                               | Indoor unit                             | 56                                  | 55                       | 57                       | 64                       |                          |
|                                                         | Outdoor unit                            | 63                                  | 63                       | 65                       | 67                       |                          |
| Dehumidifying Volume                                    | L/h                                     | 1.2                                 | 1.6                      | 2.0                      | 2.8                      |                          |
|                                                         | L/day                                   | 28.8                                | 38.4                     | 48.0                     | 67.2                     |                          |
| Compressor Type                                         |                                         |                                     | ROTARY                   | ROTARY                   | ROTARY                   | ROTARY                   |
| Liquid line   Gas line                                  |                                         |                                     | 1/4"   3/8"              | 1/4"   3/8"              | 1/4"   1/2"              | 3/8"   5/8"              |
| Fuses (A)                                               |                                         |                                     | 10                       | 10                       | 16                       | 16                       |
| Signal Wires (Noxmm²)                                   |                                         |                                     | 5x1.5                    | 5x1.5                    | 5x1.5                    | 5x2.5                    |
| Dimensions (WxDxH) (mm)                                 | Indoor unit                             | 722x187x290                         | 802x189x297              | 965x215x319              | 1,080x226x335            |                          |
|                                                         | Outdoor unit                            | 720x270x495                         | 720x270x495              | 805x330x554              | 890x342x673              |                          |
| Net Weight (kg)                                         | Indoor/Outdoor                          | 7.3/23.2                            | 8.6/23.2                 | 10.9/33.5                | 13.7/43.9                |                          |
| Refrigerant/Charge (g)                                  |                                         |                                     | R32/550                  | R32/550                  | R32/1,100                | R32/1,450                |
| Outdoor Operation Temperature Range (°C)                | Cooling                                 | -15~50                              | -15~50                   | -15~50                   | -15~50                   |                          |
|                                                         | Heating                                 | -15~24                              | -15~24                   | -15~24                   | -15~24                   |                          |

Supreme comfort  
and maximum protection!



## IONIZER

The Ionizer ensures the removal of malicious floating particles, such as germs, bacteria, viruses, smoke, dust, odors etc. in a natural and effective way, and offers supreme air purity that inspires a sense of freshness and reliefs you of the disturbing consequences of a poor-quality indoors atmosphere.



## HOTEL MENU

Inventor air conditioners present the innovative air-conditioning unit management function «HOTEL MENU». It includes a set of features specifically designed to help optimized and more economical operation of air conditioners in professional spaces. An ideal solution for hotel units!



## 4 WAY AIR FLOW

Ensure even distribution of air in all directions and cover even the most difficult parts of the room. The design of the series of air conditioners allows both horizontal and vertical movement of the blinds. Enjoy absolute comfort in every part of your home.

neo



Follow Me



Wi-Fi  
Standard



Ultraviolet Technology  
Type C & Ionizer



ECO  
Mode



| Model                                                   |                          |                                         | N2UVI-09WFI/<br>N2UVO-09 | N2UVI-12WFI/<br>N2UVO-12 | N2UVI-18WFI/<br>N2UVO-18 | N2UVI-24WFI/<br>N2UVO-24 |
|---------------------------------------------------------|--------------------------|-----------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Cooling Capacity (Btu/h)                                |                          |                                         | 9.000 (3.100-11.600)     | 12.000 (3.800-14.200)    | 18.000 (6.600-21.400)    | 24.000 (10.300-30.000)   |
| Cooling Capacity (kWatt)                                |                          |                                         | 2.64 (0.91-3.40)         | 3.52 (1.11-4.16)         | 5.28 (1.82-6.15)         | 7.03 (2.08-7.91)         |
| Heating Capacity (Btu/h)                                |                          |                                         | 10.000 (2.800-11.500)    | 13.000 (3.700-14.400)    | 19.000 (4.400-23.900)    | 25.000 (5.200-32.300)    |
| Heating Capacity (kWatt)                                |                          |                                         | 2.93 (0.82-3.37)         | 3.81 (1.08-4.22)         | 5.57 (1.29-6.74)         | 7.33 (1.61-7.91)         |
| Seasonal<br>Efficiency<br>(In accordance to<br>EN14825) | Cooling                  | Pdesign (kW)                            | 2.6                      | 3.5                      | 5.3                      | 7.0                      |
|                                                         |                          | Energy Class                            | A++                      | A++                      | A++                      | A++                      |
|                                                         |                          | SEER                                    | 6.2                      | 6.1                      | 7.0                      | 6.4                      |
|                                                         |                          | Annual Power Consumption (kWh/year)     | 146                      | 201                      | 265                      | 383                      |
|                                                         | Heating<br>(Middle Zone) | Pdesign (kW)                            | 2.3                      | 2.5                      | 4.2                      | 4.9                      |
|                                                         |                          | Energy Class                            | A                        | A+                       | A+                       | A+                       |
|                                                         |                          | SCOP                                    | 3.8                      | 4.0                      | 4.0                      | 4.0                      |
|                                                         |                          | Annual Power Consumption (kWh/year)     | 846                      | 876                      | 1.470                    | 1.715                    |
|                                                         | Heating<br>(Warm Zone)   | Pdesign (kW)                            | 2.1                      | 2.4                      | 4.5                      | 5.3                      |
|                                                         |                          | Energy Class                            | A+++                     | A+++                     | A+++                     | A+++                     |
|                                                         |                          | SCOP                                    | 5.1                      | 5.1                      | 5.1                      | 5.1                      |
|                                                         |                          | Annual Power Consumption (kWh/year)     | 577                      | 659                      | 1.235                    | 1.455                    |
| Voltage/Frequency/Phase (V/Hz/Ph)                       |                          |                                         | 220-240/50/1             | 220-240/50/1             | 220-240/50/1             | 220-240/50/1             |
| Current Input (A)                                       |                          | Cooling                                 | 3.47 (0.4-5.4)           | 5.38 (0.5-6.9)           | 6.70 (0.7-9.8)           | 10.50 (1.4-15.0)         |
|                                                         |                          | Heating                                 | 3.53 (0.5-5.2)           | 4.42 (0.4-6.9)           | 7.10 (0.95-10.2)         | 9.30 (1.3-13.7)          |
| Power Input (kW)                                        |                          | Cooling                                 | 0.80 (0.10-1.24)         | 1.24 (0.13-1.58)         | 1.55 (0.15-2.25)         | 2.42 (0.34-3.45)         |
|                                                         |                          | Heating                                 | 0.81 (0.12-1.20)         | 1.02 (0.10-1.68)         | 1.63 (0.22-2.35)         | 2.13 (0.30-3.15)         |
| Air Flow Volume (High/Medium/Low) (m³/h)                |                          |                                         | 451/325/255              | 575/493/454              | 800/600/500              | 1.090/770/610            |
| Noise Level [dB(A)]                                     |                          | Indoor unit<br>(Silent/Low/Medium/High) | 20/25.5/29/37            | 21/25/29/37.5            | 20/31/37/41              | 21/34.5/37/46            |
|                                                         |                          | Outdoor unit                            | 55.5                     | 55.5                     | 56                       | 62                       |
| Sound Power Level [dB(A)]                               |                          | Indoor unit                             | 54                       | 56                       | 56                       | 62                       |
|                                                         |                          | Outdoor unit                            | 62                       | 64                       | 65                       | 67                       |
| Dehumidifying Volume                                    |                          | (L/h)                                   | 1.2                      | 1.6                      | 2.0                      | 2.8                      |
|                                                         |                          | (L/day)                                 | 28.8                     | 38.4                     | 48.0                     | 67.2                     |
| Compressor Type                                         |                          |                                         | ROTARY                   | ROTARY                   | ROTARY                   | ROTARY                   |
| Liquid line   Gas line                                  |                          |                                         | 1/4"   3/8"              | 1/4"   3/8"              | 1/4"   1/2"              | 3/8"   5/8"              |
| Fuses (A)                                               |                          |                                         | 10                       | 10                       | 16                       | 16                       |
| Signal Wires (Noxmm²)                                   |                          |                                         | 5x1.5                    | 5x1.5                    | 5x1.5                    | 5x2.5                    |
| Dimensions (WxDxH) (mm)                                 |                          | Indoor unit                             | 726x210x291              | 805x208x295              | 969x241x320              | 1.083x244x336            |
|                                                         |                          | Outdoor unit                            | 720x270x495              | 720x270x495              | 874x330x554              | 955x342x673              |
| Net Weight (kg)                                         |                          | Indoor/Outdoor                          | 7.8/23.2                 | 8.4/23.2                 | 11.2/33.5                | 13.6/43.9                |
| Refrigerant/Charge (g)                                  |                          |                                         | R32/550                  | R32/550                  | R32/1.000                | R32 /1.450               |
| Outdoor Operation Temperature Range (°C)                |                          | Cooling                                 | -15 ~ 50                 | -15 ~ 50                 | -15 ~ 50                 | -15 ~ 50                 |
|                                                         |                          | Heating                                 | -15 ~ 24                 | -15 ~ 24                 | -15 ~ 24                 | -15 ~ 24                 |

High performance  
and ideal atmosphere!



## IA PLUS (INVERTER ALGORITHM PLUS)

The advanced iA Plus algorithm upgrades compressor's operation to the ideal Hz levels, resulting to perfect, low noise operation, in every condition, any given moment. This high-end technology feature not only maximizes energy efficiency, but also ensures that your appliance will sustain its flowless operation for many years to come.



## BREEZE AWAY

The Breeze Away function allows you to set the airflow away from you. During Cooling, Fan and Dehumidification modes, the angle of the swing louver will be automatically set at 35° while the fan speed will be adjusted accordingly, so that you can enjoy the right temperature in your place without the unpleasant sensation of the airflow directly pointing at you.



## GEAR MODE

With the GEAR function you achieve great energy savings, limiting the maximum consumption of the unit. You can adjust the performance in two levels, at 75% of maximum efficiency and at 50%. Enjoy the right temperature in your space, while reducing operating costs.

Breeze Away

Ultraviolet Type C & Ionizer Technology

Ultra Silence Mode 19dB(A)

ECO Mode

| Model                                             |                                         |                                     | NECUVI-09WFI/NECUVO-09 | NECUVI-12WFI/NECUVO-12 |
|---------------------------------------------------|-----------------------------------------|-------------------------------------|------------------------|------------------------|
| Cooling Capacity (Btu/h)                          |                                         |                                     | 9.000 (3.500-11.000)   | 12.000 (4.700-14.700)  |
| Cooling Capacity (kWatt)                          |                                         |                                     | 2.64 (1.03-3.22)       | 3.52 (1.38-4.31)       |
| Heating Capacity (Btu/h)                          |                                         |                                     | 10.000 (2.800-11.500)  | 13.584 (3.640-14.950)  |
| Heating Capacity (kWatt)                          |                                         |                                     | 2.93 (0.82-3.37)       | 3.98 (1.07-4.38)       |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                                 | Pdesign (kW)                        | 2.6                    | 3.5                    |
|                                                   |                                         | Energy Class                        | A+++                   | A+++                   |
|                                                   |                                         | SEER                                | 8.8                    | 8.5                    |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 103                    | 144                    |
|                                                   | Heating<br>(Middle Zone)                | Pdesign (kW)                        | 2.4                    | 2.6                    |
|                                                   |                                         | Energy Class                        | A++                    | A++                    |
|                                                   |                                         | SCOP                                | 4.6                    | 4.6                    |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 730                    | 791                    |
|                                                   | Heating<br>(Warm Zone)                  | Pdesign (kW)                        | 2.7                    | 3.1                    |
|                                                   |                                         | Energy Class                        | A+++                   | A+++                   |
|                                                   |                                         | SCOP                                | 6.0                    | 6.0                    |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 630                    | 723                    |
| Voltage/Frequency/Phase (V/Hz/Ph)                 |                                         |                                     | 220-240/50/1           | 220-240/50/1           |
| Current Input (A)                                 | Cooling                                 | 2.73 (0.35-4.78)                    | 4.37 (0.6-7.2)         |                        |
|                                                   | Heating                                 | 2.83 (0.32-4.32)                    | 4.24 (0.7-6.78)        |                        |
| Power Input (kW)                                  | Cooling                                 | 0.63 (0.08-1.10)                    | 0.99 (0.13-1.65)       |                        |
|                                                   | Heating                                 | 0.65 (0.07-0.99)                    | 1.02 (0.16-1.56)       |                        |
| Air Flow Volume (High/Medium/Low) (m³/h)          |                                         |                                     | 510/360/300            | 520/370/310            |
| Noise Level [dB(A)]                               | Indoor unit<br>(Silent/Low/Medium/High) | 19/22/31/37                         | 21/22/33/39            |                        |
|                                                   | Outdoor unit                            | 54                                  | 54.5                   |                        |
| Sound Power Level [dB(A)]                         | Indoor unit                             | 54                                  | 55                     |                        |
|                                                   | Outdoor unit                            | 58                                  | 61                     |                        |
| Dehumidifying Volume                              | (L/h)                                   | 1.2                                 | 1.6                    |                        |
|                                                   | (L/day)                                 | 28.8                                | 38.4                   |                        |
| Compressor Type                                   |                                         |                                     | ROTARY                 | ROTARY                 |
| Liquid line   Gas line                            |                                         |                                     | 1/4"   3/8"            | 1/4"   3/8"            |
| Fuses (A)                                         |                                         |                                     | 10                     | 10                     |
| Signal Wires (Noxmm²)                             |                                         |                                     | 5x1.5                  | 5x1.5                  |
| Dimensions (WxDxH) (mm)                           | Indoor unit                             | 802x200x295                         | 802x200x295            |                        |
|                                                   | Outdoor unit                            | 765x303x555                         | 765x303x555            |                        |
| Net Weight (kg)                                   | Indoor/Outdoor                          | 8.7/26.4                            | 8.7/26.4               |                        |
| Refrigerant/Charge (g)                            |                                         |                                     | R32/620                | R32/620                |
| Outdoor Operation Temperature Range (°C)          | Cooling                                 | -15~50                              | -15~50                 |                        |
|                                                   | Heating                                 | -20~24                              | -20~24                 |                        |



## A+++ ENERGY CLASS IN COOLING & HEATING

The technological superiority of the series guarantees excellent performance with the lowest operating costs. Take advantage of the highest energy class A+++ of Inventor air conditioners and create your dream atmosphere while saving money and reducing your energy footprint.

## IA PLUS (INVERTER ALGORITHM PLUS)

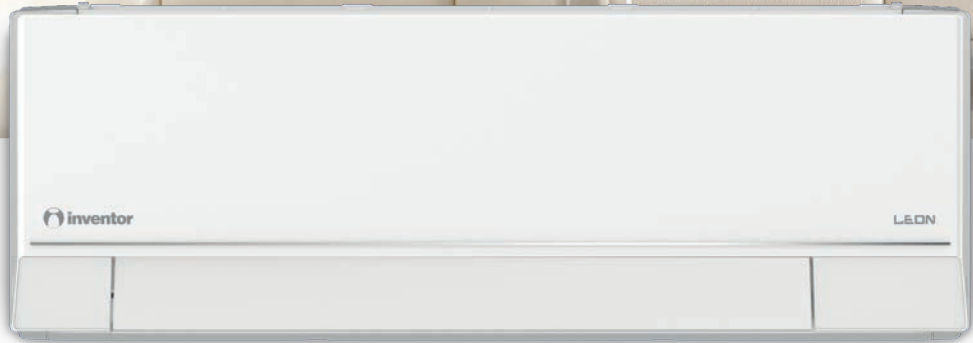
The advanced iA Plus algorithm upgrades compressor's operation to the ideal Hz levels, resulting to perfect, low noise operation, in every condition, any given moment. This high-end technology feature not only maximizes energy efficiency, but also ensures that your appliance will sustain its flowless operation for many years to come.

## WI-FI STANDARD WITH VOICE COMMANDS

Inventor's Wi-Fi Standard air conditioner series includes a USB stick, allowing you to enjoy all the benefits of remote management. Through the smart Wi-Fi function, you create the desired environment from wherever you are. Download the application and save energy by adjusting your air conditioner via your smartphone or tablet.

| <div>LEON</div>                                   |                                         |                                     | <div><div>HM</div><div>Hotel Menu</div></div> | <div><div></div><div>Breeze Away</div></div> | <div><div></div><div>Wi-Fi Standard</div></div> | <div><div></div><div>ECO Mode</div></div> | <div></div> | <div></div> |
|---------------------------------------------------|-----------------------------------------|-------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Model                                             |                                         |                                     | LHUVI-09WFI/<br>LHUYO-09                      | LHUVI-12WFI/<br>LHUYO-12                                                                                                      | LHUVI-18WFI/<br>LHUYO-18                                                                                                         | LHUVI-24WFI/<br>LHUYO-24                                                                                                    |                                                                                                |                                                                                                |
| Cooling Capacity (Btu/h)                          |                                         |                                     | 9.300 (4.500-13.000)                          | 12.000 (4.500-13.500)                                                                                                         | 18.000 (6.800-20.900)                                                                                                            | 24.000 (7.200-28.000)                                                                                                       |                                                                                                |                                                                                                |
| Cooling Capacity (kWatt)                          |                                         |                                     | 2.64 (1.32-3.81)                              | 3.52 (1.32-3.96)                                                                                                              | 5.28 (1.99-6.13)                                                                                                                 | 7.03 (2.11-11.14)                                                                                                           |                                                                                                |                                                                                                |
| Heating Capacity (Btu/h)                          |                                         |                                     | 10.700 (3.000-15.000)                         | 13.500 (3.000-15.500)                                                                                                         | 19.000 (4.600-23.100)                                                                                                            | 25.000 (5.300-28.000)                                                                                                       |                                                                                                |                                                                                                |
| Heating Capacity (kWatt)                          |                                         |                                     | 3.14 (0.88-4.40)                              | 3.96 (0.88-4.54)                                                                                                              | 5.57 (1.35-6.77)                                                                                                                 | 7.33 (1.55-8.21)                                                                                                            |                                                                                                |                                                                                                |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                                 | Pdesign (kW)                        | 2.7                                           | 3.5                                                                                                                           | 5.3                                                                                                                              | 7.0                                                                                                                         |                                                                                                |                                                                                                |
|                                                   |                                         | Energy Class                        | A+++                                          | A+++                                                                                                                          | A+++                                                                                                                             | A+++                                                                                                                        |                                                                                                |                                                                                                |
|                                                   |                                         | SEER                                | 9.3                                           | 8.5                                                                                                                           | 8.5                                                                                                                              | 8.5                                                                                                                         |                                                                                                |                                                                                                |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 102                                           | 144                                                                                                                           | 220                                                                                                                              | 288                                                                                                                         |                                                                                                |                                                                                                |
|                                                   | Heating<br>(Middle Zone)                | Pdesign (kW)                        | 2.5                                           | 2.6                                                                                                                           | 4.3                                                                                                                              | 5.0                                                                                                                         |                                                                                                |                                                                                                |
|                                                   |                                         | Energy Class                        | A++                                           | A++                                                                                                                           | A+                                                                                                                               | A+                                                                                                                          |                                                                                                |                                                                                                |
|                                                   |                                         | SCOP                                | 4.6                                           | 4.6                                                                                                                           | 4.3                                                                                                                              | 4.2                                                                                                                         |                                                                                                |                                                                                                |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 761                                           | 791                                                                                                                           | 1.400                                                                                                                            | 1.666                                                                                                                       |                                                                                                |                                                                                                |
|                                                   | Heating<br>(Warm Zone)                  | Pdesign (kW)                        | 2.5                                           | 2.9                                                                                                                           | 4.3                                                                                                                              | 5.5                                                                                                                         |                                                                                                |                                                                                                |
|                                                   |                                         | Energy Class                        | A+++                                          | A+++                                                                                                                          | A+++                                                                                                                             | A+++                                                                                                                        |                                                                                                |                                                                                                |
|                                                   |                                         | SCOP                                | 5.6                                           | 6.0                                                                                                                           | 5.4                                                                                                                              | 5.3                                                                                                                         |                                                                                                |                                                                                                |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 631                                           | 677                                                                                                                           | 1.118                                                                                                                            | 1.453                                                                                                                       |                                                                                                |                                                                                                |
| Voltage/Frequency/Phase (V/Hz/Ph)                 |                                         |                                     | 220-240/50/1                                  | 220-240/50/1                                                                                                                  | 220-240/50/1                                                                                                                     | 220-240/50/1                                                                                                                |                                                                                                |                                                                                                |
| Current Input (A)                                 | Cooling                                 | 2.70 (0.6-5.4)                      | 3.90 (0.6-5.6)                                | 5.73 (2.8-7.9)                                                                                                                | 7.70 (1.8-13.9)                                                                                                                  |                                                                                                                             |                                                                                                |                                                                                                |
|                                                   | Heating                                 | 3.05 (0.6 -6.2)                     | 4.40 (0.6-6.4)                                | 6.52 (4.3-7.5)                                                                                                                | 8.60 (1.3-13.5)                                                                                                                  |                                                                                                                             |                                                                                                |                                                                                                |
| Power Input (kW)                                  | Cooling                                 | 0.62 (0.13-1.20)                    | 0.92 (0.13-1.25)                              | 1.32 (0.59-1.79)                                                                                                              | 1.76 (0.42-3.20)                                                                                                                 |                                                                                                                             |                                                                                                |                                                                                                |
|                                                   | Heating                                 | 0.68 (0.12-1.40)                    | 0.99 (0.12-1.45)                              | 1.50 (0.94-1.70)                                                                                                              | 1.98 (0.30-3.10)                                                                                                                 |                                                                                                                             |                                                                                                |                                                                                                |
| Air Flow Volume (High/Medium/Low) (m³/h)          |                                         |                                     | 530/360/280                                   | 560/380/290                                                                                                                   | 685/580/400                                                                                                                      | 1092/724/379                                                                                                                |                                                                                                |                                                                                                |
| Noise Level [dB(A)]                               | Indoor unit<br>(Silent/Low/Medium/High) |                                     | 20.5/21.5/32/40                               | 21/22/33/41                                                                                                                   | 22/23/35/41                                                                                                                      | 21/33/40/44.5                                                                                                               |                                                                                                |                                                                                                |
|                                                   | Outdoor unit                            |                                     | 55                                            | 55                                                                                                                            | 56                                                                                                                               | 58.5                                                                                                                        |                                                                                                |                                                                                                |
| Sound Power Level [dB(A)]                         | Indoor unit                             |                                     | 56                                            | 56                                                                                                                            | 59                                                                                                                               | 65                                                                                                                          |                                                                                                |                                                                                                |
|                                                   | Outdoor unit                            |                                     | 59                                            | 61                                                                                                                            | 65                                                                                                                               | 68                                                                                                                          |                                                                                                |                                                                                                |
| Dehumidifying Volume                              | L/h                                     |                                     | 1.0                                           | 1.2                                                                                                                           | 1.8                                                                                                                              | 2.7                                                                                                                         |                                                                                                |                                                                                                |
|                                                   | L/day                                   |                                     | 24.0                                          | 28.8                                                                                                                          | 43.2                                                                                                                             | 64.8                                                                                                                        |                                                                                                |                                                                                                |
| Compressor Type                                   |                                         |                                     | ROTARY                                        | ROTARY                                                                                                                        | ROTARY                                                                                                                           | ROTARY                                                                                                                      |                                                                                                |                                                                                                |
| Liquid line   Gas line                            |                                         |                                     | 1/4"   3/8"                                   | 1/4"   3/8"                                                                                                                   | 1/4"   1/2"                                                                                                                      | 3/8"   5/8"                                                                                                                 |                                                                                                |                                                                                                |
| Fuses (A)                                         |                                         |                                     | 10                                            | 10                                                                                                                            | 16                                                                                                                               | 16                                                                                                                          |                                                                                                |                                                                                                |
| Signal Wires (Noxmm²)                             |                                         |                                     | 5x1.5                                         | 5x1.5                                                                                                                         | 5x1.5                                                                                                                            | 5x2.5                                                                                                                       |                                                                                                |                                                                                                |
| Dimensions (WxDxH) (mm)                           | Indoor unit                             |                                     | 850x230x295                                   | 850x230x295                                                                                                                   | 1050x250x319                                                                                                                     | 1180x280x360                                                                                                                |                                                                                                |                                                                                                |
|                                                   | Outdoor unit                            |                                     | 765x303x555                                   | 765x303x555                                                                                                                   | 890x342x673                                                                                                                      | 890x342x673                                                                                                                 |                                                                                                |                                                                                                |
| Net Weight (kg)                                   | Indoor/Outdoor                          |                                     | 10.2/26.4                                     | 10.2/26.4                                                                                                                     | 12.3/38.8                                                                                                                        | 20.0/45.6                                                                                                                   |                                                                                                |                                                                                                |
| Refrigerant/Charge (g)                            |                                         |                                     | R32/620g                                      | R32/620g                                                                                                                      | R32/1.000g                                                                                                                       | R32/1.500g                                                                                                                  |                                                                                                |                                                                                                |
| Outdoor Operation Temperature Range (°C)          | Cooling                                 |                                     | -20 ~ 50                                      | -20 ~ 50                                                                                                                      | -20 ~ 50                                                                                                                         | -20 ~ 50                                                                                                                    |                                                                                                |                                                                                                |
|                                                   | Heating                                 |                                     | -25 ~ 24                                      | -25 ~ 24                                                                                                                      | -20 ~ 24                                                                                                                         | -20 ~ 24                                                                                                                    |                                                                                                |                                                                                                |

## The ultimate power in air conditioning!



### A+++ ENERGY CLASS IN COOLING & HEATING

The technological superiority of the series guarantees excellent performances with the lowest operating costs. Benefit from the A+++ energy class of Inventor air conditioners to create an optimal atmosphere, tailored to your exact needs. At the same time save money while also reassuring a sustainable energy footprint by choosing an air conditioner with lower energy consumption.

### CHASSIS AND COMPRESSOR HEATING BELT

The chassis heating belt located on the bottom of the outdoor unit prevents ice formation and guarantees the proper operation of you air conditioner, even at low temperatures, or under the most difficult weather conditions. This advanced feature is specially designed for installations at northern regions, where the temperature often falls below 0°C, to maintain the high-performance of your air-conditioner, guaranteeing comfortable and warm atmosphere during winter and cost savings at the same time.

### LOW TEMPERATURE HEATING MODE (-25°C)

The air conditioner's special design achieves effective heating, even when extremely low temperatures prevail.

*\*About 9.000btu and 12.000btu models.*

| Model                                             |                                         |                                     | MFVI-09WFI/<br>MFVO-09 | MFVI-12WFI/<br>MFVO-12 | MFVI32-18WFI/<br>MFVO32-18 | MFVI32-24WFI/<br>MFVO32-24 |
|---------------------------------------------------|-----------------------------------------|-------------------------------------|------------------------|------------------------|----------------------------|----------------------------|
| Cooling Capacity (Btu/h)                          |                                         |                                     | 8.870 (2.730-10.920)   | 11.940 (3.410-13.650)  | 17.740 (4.770-20.470)      | 23.890 (7.510-25.600)      |
| Cooling Capacity (kWatt)                          |                                         |                                     | 2.6 (0.8-3.2)          | 3.5 (1.0-4.0)          | 5.2 (1.4-6.0)              | 7.0 (2.2-7.5)              |
| Heating Capacity (Btu/h)                          |                                         |                                     | 10.920 (2.730-14.330)  | 14.330 (3.410-17.740)  | 20.470 (4.770-23.540)      | 27.300 (8.190-29.000)      |
| Heating Capacity (kWatt)                          |                                         |                                     | 3.2 (0.8-4.2)          | 4.0 (1.0-5.2)          | 6.0 (1.4-6.9)              | 8.0 (2.4-8.5)              |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                                 | Pdesign (kW)                        | 2.6                    | 3.5                    | 5.2                        | 7.0                        |
|                                                   |                                         | Energy Class                        | A+++                   | A+++                   | A++                        | A++                        |
|                                                   |                                         | SEER                                | 8.5                    | 8.5                    | 7.2                        | 7.1                        |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 107                    | 144                    | 253                        | 345                        |
|                                                   | Heating<br>(Middle Zone)                | Pdesign (kW)                        | 2.4                    | 2.8                    | 4.6                        | 5.6                        |
|                                                   |                                         | Energy Class                        | A++                    | A++                    | A++                        | A+                         |
|                                                   |                                         | SCOP                                | 4.6                    | 4.6                    | 4.6                        | 4.0                        |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 731                    | 854                    | 1.401                      | 1.959                      |
|                                                   | Heating<br>(Warm Zone)                  | Pdesign (kW)                        | 2.3                    | 2.8                    | 4.8                        | 5.2                        |
|                                                   |                                         | Energy Class                        | A+++                   | A+++                   | A+++                       | A+++                       |
|                                                   |                                         | SCOP                                | 5.1                    | 5.1                    | 5.6                        | 5.4                        |
|                                                   |                                         | Annual Power Consumption (kWh/year) | 631                    | 768                    | 1.190                      | 1.357                      |
| Voltage/Frequency/Phase (V/Hz/Ph)                 |                                         |                                     | 220-240/50/1           | 220-240/50/1           | 220-240/50/1               | 220-240/50/1               |
| Current Input (A)                                 | Cooling                                 | 2.9 (0.9-5.5)                       | 3.9 (1.4-6.7)          | 6.2 (1.8-8.9)          | 9.6 (3.2-11.2)             |                            |
|                                                   | Heating                                 | 3.6 (1.3-6.8)                       | 5.0 (2.3-7.2)          | 6.7 (2.3-10.9)         | 9.6 (3.2-13)               |                            |
| Power Input (kW)                                  | Cooling                                 | 0.60 (0.2-1.2)                      | 0.88 (0.3-1.5)         | 1.40 (0.5-2.0)         | 2.17 (0.7-2.5)             |                            |
|                                                   | Heating                                 | 0.80 (0.3-1.5)                      | 1.10 (0.5-1.6)         | 1.50 (0.5-2.4)         | 2.16 (0.7-2.9)             |                            |
| Air Flow Volume (High/Medium/Low) (m³/h)          |                                         |                                     | 700/600/500/370/280    | 730/650/550/440/300    | 1.050/900/750/650/550      | 1.250/1.100/950/850/700    |
| Noise Level [dB(A)]                               | Indoor unit<br>(Silent/Low/Medium/High) | 16/25/32/38                         | 17/26/33/39            | 28/37/41/45            | 33/37/43/47                |                            |
|                                                   | Outdoor unit                            | 47                                  | 48                     | 51                     | 57                         |                            |
| Sound Power Level [dB(A)]                         | Indoor unit                             | 53                                  | 55                     | 57                     | 60                         |                            |
|                                                   | Outdoor unit                            | 59                                  | 61                     | 63                     | 70                         |                            |
| Dehumidifying Volume                              | (L/h)                                   | 1.2                                 | 1.6                    | 2.0                    | 2.8                        |                            |
|                                                   | (L/day)                                 | 28.8                                | 38.4                   | 48.0                   | 67.2                       |                            |
| Compressor Type                                   |                                         |                                     | ROTARY                 | ROTARY                 | ROTARY                     | ROTARY                     |
| Liquid line   Gas line                            |                                         |                                     | 1/4"   3/8"            | 1/4"   3/8"            | 1/4"   1/2"                | 3/8"   5/8"                |
| Fuses (A)                                         |                                         |                                     | 10                     | 10                     | 16                         | 16                         |
| Signal Wires (Noxmm²)                             |                                         |                                     | 4x1.5                  | 4x1.5                  | 4x1.5                      | 4x1.5                      |
| Dimensions (WxDxH) (mm)                           | Indoor unit                             | 856x197x300                         | 856x197x300            | 999x225x323            | 1.115x235x343              |                            |
|                                                   | Outdoor unit                            | 800x275x553                         | 800x275x553            | 820x338x614            | 890x353x697                |                            |
| Net Weight (kg)                                   | Indoor/Outdoor                          | 9.5/27.6                            | 9.5/30.0               | 12.0/37.8              | 15.2/49.0                  |                            |
| Refrigerant/Charge (g)                            |                                         |                                     | R32 / 630              | R32 / 780              | R32 / 950                  | R32 / 1.300                |
| Outdoor Operation Temperature Range (°C)          | Cooling                                 | -20 ~ 43                            | -20 ~ 43               | -20 ~ 43               | -20 ~ 43                   |                            |
|                                                   | Heating                                 | -20 ~ 24                            | -20 ~ 24               | -20 ~ 24               | -20 ~ 24                   |                            |

## Ideal temperature of high air quality in your place!



### MOTION SENSOR

Create ideal conditions in your space while saving energy, with the innovative technology of the Motion Sensor. Adjust the airflow direction of your air conditioner towards you or away from you and enjoy excellent comfort conditions. In addition, save money, thanks to the Motion Sensor's ability to reduce or enhance performance whenever it detects your presence or absence from the room.



### ULTRA SILENCE MODE 16dB(A)

Activate the silent operation of your air conditioner and enjoy the feeling of absolute silence. Thanks to the special design and the advanced technology of the air conditioner, you enjoy a low noise level of 16dB(A).



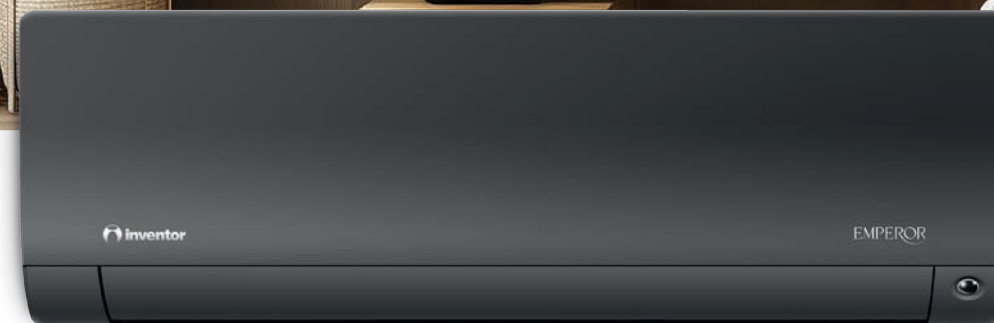
### ULTRAVIOLET TYPE C TECHNOLOGY & IONIZER

Ultraviolet Type C Technology neutralizes viruses and bacteria, as the ultraviolet light «breaks» the molecular bonds of microorganisms that may be present inside the air conditioner, offering a perfectly healthy atmosphere in your space. The Ionizer ensures the removal of harmful suspended particles, such as germs, bacteria, viruses, pollen, smoke, dust, odors, etc. in a natural & effective way. This way it creates high purity air that offers a pleasant feeling of freshness and relieves you of the annoying effect of poor indoor air quality.



| Model                                                   |                                         |                                     | EMPVI-09WFI/<br>EMPVO-09 | EMPVI-12WFI/<br>EMPVO-12 | EMPVI-18WFI/<br>EMPVO-18 | EMPVI-24WFI/<br>EMPVO-24 |
|---------------------------------------------------------|-----------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Cooling Capacity (Btu/h)                                |                                         |                                     | 8.870 (2.730-10.920)     | 11.940 (3.410-13.650)    | 17.740 (4.770-20.470)    | 24.225 (7.165-27.295)    |
| Cooling Capacity (kWatt)                                |                                         |                                     | 2.6 (0.8-3.2)            | 3.5 (1.0-4.0)            | 5.2 (1.4-6.0))           | 7.1 (2.1-8.0)            |
| Heating Capacity (Btu/h)                                |                                         |                                     | 10.920 (2.730-14.330)    | 14.330 (3.410-17.740)    | 20.470 (4.605-23.200)    | 25.250 (5.120-29.000)    |
| Heating Capacity (kWatt)                                |                                         |                                     | 3.2 (0.8-4.2)            | 4.0 (1.0-5.2)            | 6.0 (1.4-6.8)            | 7.4 (1.5-8.5)            |
| Seasonal<br>Efficiency<br>(In accordance to<br>EN14825) | Cooling                                 | Pdesign (kW)                        | 2.6                      | 3.5                      | 5.2                      | 7.1                      |
|                                                         |                                         | Energy Class                        | A+++                     | A+++                     | A+++                     | A+++                     |
|                                                         |                                         | SEER                                | 8.5                      | 8.5                      | 8.5                      | 8.5                      |
|                                                         |                                         | Annual Power Consumption (kWh/year) | 107                      | 144                      | 214                      | 292                      |
|                                                         | Heating<br>(Middle Zone)                | Pdesign (kW)                        | 2.4                      | 2.8                      | 4.6                      | 5.6                      |
|                                                         |                                         | Energy Class                        | A++                      | A++                      | A++                      | A++                      |
|                                                         |                                         | SCOP                                | 4.6                      | 4.6                      | 4.6                      | 4.6                      |
|                                                         |                                         | Annual Power Consumption (kWh/year) | 731                      | 854                      | 1.400                    | 1.704                    |
|                                                         | Heating<br>(Warm Zone)                  | Pdesign (kW)                        | 2.3                      | 2.8                      | 4.8                      | 5.8                      |
|                                                         |                                         | Energy Class                        | A+++                     | A+++                     | A+++                     | A+++                     |
|                                                         |                                         | SCOP                                | 5.1                      | 5.1                      | 5.1                      | 5.1                      |
|                                                         |                                         | Annual Power Consumption (kWh/year) | 631                      | 768                      | 1.318                    | 1.592                    |
| Voltage/Frequency/Phase (V/Hz/Ph)                       |                                         |                                     | 220-240/50/1             | 220-240/50/1             | 220-240/50/1             | 220-240/50/1             |
| Current Input (A)                                       | Cooling                                 | 2.9 (0.9-5.5)                       | 3.9 (1.4-6.7)            | 6.2 (2.3-9.1)            | 9.6 (3.2-11.2)           |                          |
|                                                         | Heating                                 | 3.6 (1.3-6.8)                       | 5.0 (2.3-7.2)            | 6.82 (2.3-10.7)          | 9.6 (3.2-13)             |                          |
| Power Input (kW)                                        | Cooling                                 | 0.60 (0.2-1.2)                      | 0.88 (0.3-1.5)           | 1.44 (0.2-2.2)           | 2.03 (0.3-2.9)           |                          |
|                                                         | Heating                                 | 0.80 (0.3-1.5)                      | 1.10 (0.5-1.6)           | 1.50 (0.5-2.7)           | 1.99 (0.6-3.2)           |                          |
| Air Flow Volume (Turbo/High/Medium/Low/Silent) (m³/h)   |                                         |                                     | 700/600/500/370/280      | 730/650/550/440/300      | 900/760/610/510/410      | 1.250/1.100/950/850/700  |
| Noise Level [dB(A)]                                     | Indoor unit<br>(Silent/Low/Medium/High) | 16/25/32/38                         | 17/26/33/39              | 28/35/40/44              | 29/37/45/47              |                          |
|                                                         | Outdoor unit                            | 47                                  | 48                       | 54                       | 58                       |                          |
| Sound Power Level [dB(A)]                               | Indoor unit                             | 53                                  | 55                       | 60                       | 65                       |                          |
|                                                         | Outdoor unit                            | 59                                  | 61                       | 65                       | 70                       |                          |
| Dehumidifying Volume                                    | L/h                                     | 1.2                                 | 1.6                      | 2.3                      | 3.0                      |                          |
|                                                         | L/day                                   | 28.8                                | 38.4                     | 55.2                     | 72.0                     |                          |
| Compressor Type                                         |                                         |                                     | ROTARY                   | ROTARY                   | ROTARY                   | ROTARY                   |
| Liquid line   Gas line                                  |                                         |                                     | 1/4"   3/8"              | 1/4"   3/8"              | 1/4"   1/2"              | 3/8"   5/8"              |
| Fuses (A)                                               |                                         |                                     | 10                       | 10                       | 16                       | 16                       |
| Signal Wires (Noxmm²)                                   |                                         |                                     | 4x1.5                    | 4x1.5                    | 4x1.5                    | 4x1.5                    |
| Dimensions (WxDxH) (mm)                                 | Indoor unit                             | 856x197x300                         | 856x197x300              | 999x225x323              | 1.115x235x343            |                          |
|                                                         | Outdoor unit                            | 800x275x553                         | 800x275x553              | 820x306x642              | 890x340x705              |                          |
| Net Weight (kg)                                         | Indoor/Outdoor                          | 9.5/27.6                            | 9.5/30.0                 | 12.0/37.8                | 15.2/43.0                |                          |
| Refrigerant/Charge (g)                                  |                                         |                                     | R32 / 630                | R32 / 780                | R32 / 1.100              | R32 / 1.350              |
| Outdoor Operation Temperature Range (°C)                | Cooling                                 | -20 ~ 43                            | -20 ~ 43                 | -20 ~ 43                 | -20 ~ 43                 |                          |
|                                                         | Heating                                 | -20 ~ 24                            | -20 ~ 24                 | -20 ~ 24                 | -20 ~ 24                 |                          |

Impressively elegant,  
incomparably strong!



## A+++ ENERGY CLASS IN COOLING & HEATING

The series' technological excellence ensures outstanding performance with minimal operating costs. Make the most of Inventor air conditioners' top-tier A+++ energy efficiency to create your ideal atmosphere effortlessly. At the same time, save money and reduce your environmental impact by selecting an air conditioner designed for lower energy consumption.



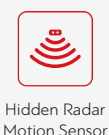
## TRIPLE ECO MODE

Discover Triple Eco Mode for maximum energy savings and ideal comfort! Select one of the three different efficiency levels to set your air conditioner, for both cooling and heating. Enjoy the perfect temperature while reducing operating costs, according to your needs every time.



## MOTION SENSOR

Ensure maximum energy savings and the most ideal conditions in your place, thanks to the pioneering technology of the Motion Sensor. Create the atmosphere you desire, adjusting the air flow of your air conditioner so that it is directed to or against your position and enjoy impeccable conditions of comfort. Functional cost reduction and money savings are accomplished thanks to the ability of the Motion Sensor to lower or to enforce its performance, every time your presence or absence from the place is detected.



Hidden Radar  
Motion Sensor



Wi-Fi  
Standard



56°C  
Sterilization



Breeze  
Away



| Model                                             |                                      |                                     | THRVI-09WFI/THRVO-09  | THRVI-12WFI/THRVO-12  | THRVI-18WFI/THRVO-18  |
|---------------------------------------------------|--------------------------------------|-------------------------------------|-----------------------|-----------------------|-----------------------|
| Cooling Capacity (Btu/h)                          |                                      |                                     | 9.000 (3.519-16.432)  | 12.000 (3.519-16.432) | 17.000 (6.600-18.700) |
| Cooling Capacity (kWatt)                          |                                      |                                     | 2.6 (1.03-4.82)       | 3.5 (1.03-4.82)       | 5.0 (1.93-5.48)       |
| Heating Capacity (Btu/h)                          |                                      |                                     | 13.000 (2.569-24.566) | 13.000 (2.569-24.566) | 19.000 (4.400-24.700) |
| Heating Capacity (kWatt)                          |                                      |                                     | 3.8 (0.75-7.20)       | 3.8 (0.75-7.20)       | 5.6 (1.28-7.24)       |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                              | Pdesign (kW)                        | 2.7                   | 3.5                   | 5.0                   |
|                                                   |                                      | Energy Class                        | A+++                  | A+++                  | A+++                  |
|                                                   |                                      | SEER                                | 9.0                   | 9.2                   | 8.5                   |
|                                                   |                                      | Annual Power Consumption (kWh/year) | 105                   | 133                   | 206                   |
|                                                   | Heating<br>(Middle Zone)             | Pdesign (kW)                        | 2.9                   | 2.9                   | 4.2                   |
|                                                   |                                      | Energy Class                        | A+++                  | A+++                  | A++                   |
|                                                   |                                      | SCOP                                | 5.1                   | 5.1                   | 4.6                   |
|                                                   |                                      | Annual Power Consumption (kWh/year) | 796                   | 796                   | 1.278                 |
|                                                   | Heating<br>(Warm Zone)               | Pdesign (kW)                        | 3.0                   | 3.0                   | 4.6                   |
|                                                   |                                      | Energy Class                        | A+++                  | A+++                  | A+++                  |
|                                                   |                                      | SCOP                                | 6.5                   | 6.5                   | 5.1                   |
|                                                   |                                      | Annual Power Consumption (kWh/year) | 648                   | 648                   | 1.273                 |
| Voltage / Frequency / Phase (V/Hz/Ph)             |                                      |                                     | 220-240/50/1          | 220-240/50/1          | 220-240/50/1          |
| Current Input (A)                                 | Cooling                              | 2.3 (0.4-8.5)                       | 3.3 (0.4-8.5)         | 5.5 (0.7-8.7)         |                       |
|                                                   | Heating                              | 3.4 (0.4-11.4)                      | 3.4 (0.4-11.4)        | 5.7 (0.8-11.5)        |                       |
| Power Input (kW)                                  | Cooling                              | 0.54 (0.1-1.9)                      | 0.75 (0.1-1.9)        | 1.26 (0.1-2.0)        |                       |
|                                                   | Heating                              | 0.77 (0.5-2.6)                      | 0.77 (0.5-2.6)        | 1.35 (0.2-2.7)        |                       |
| Air Flow Volume (High/Medium/Low) (m³/h)          |                                      |                                     | 548/489/383           | 548/489/383           | 710/500/400           |
| Noise Level [dB(A)]                               | Indoor Unit (Silent/Low/Medium/High) |                                     | 20/22/35/42.5         | 20/22/35/42.5         | 21/23/36.5/43         |
|                                                   | Outdoor Unit                         |                                     | 56                    | 56                    | 59                    |
| Sound Power Level [dB(A)]                         | Indoor Unit                          |                                     | 59                    | 59                    | 59                    |
|                                                   | Outdoor Unit                         |                                     | 61                    | 61                    | 65                    |
| Compressor Type                                   |                                      |                                     | TWIN ROTARY           | TWIN ROTARY           | ROTARY                |
| Liquid line   Gas line                            |                                      |                                     | 1/4"   3/8"           | 1/4"   3/8"           | 1/4"   1/2"           |
| Fuses (A)                                         |                                      |                                     | 10                    | 10                    | 16                    |
| Signal Wires (Noxmm²)                             |                                      |                                     | 5x1.5                 | 5x1.5                 | 5x1.5                 |
| Dimensions (WxDxH) (mm)                           | Indoor Unit                          |                                     | 895x248x298           | 895x248x298           | 895x248x298           |
|                                                   | Outdoor Unit                         |                                     | 805x330x554           | 805x330x554           | 890x342x673           |
| Net Weight (kg)                                   | Indoor / Outdoor                     |                                     | 12.6/35.2             | 12.6/35.2             | 12.6/43.5             |
| Refrigerant / Charge (g)                          |                                      |                                     | R32 / 1.100           | R32 / 1.100           | R32 / 1.180           |
| Outdoor Operation Temperature Range (°C)          | Cooling                              |                                     | -15 ~ 50              | -15 ~ 50              | -15 ~ 50              |
|                                                   | Heating                              |                                     | -35 ~ 30              | -35 ~ 30              | -35 ~ 30              |

Divine performance for superior atmosphere in extreme conditions!



## NORDIC WALL MOUNTED AIR CONDITIONERS

Inventor Nordic air conditioners create the perfect atmosphere in your home, even in the harshest climates. With Excellent Heating Performance at -35°C, they are the ideal choice for Northern and Scandinavian regions. Eco-friendly and supported by a 5-year warranty, the Nordic series combines reliability, premium design, clean air, and ultimate comfort for year-round satisfaction.



**A+++ ENERGY CLASS IN COOLING & HEATING IN ALL MODELS**

The advanced technology of the series delivers exceptional performance while keeping operating costs to a minimum. With Inventor air conditioners rated at the highest energy class A+++, you can effortlessly create the perfect environment you've always envisioned. At the same time, enjoy significant savings and contribute to a greener future with reduced energy consumption.



**EXCELLENT HEATING PERFORMANCE AT -35°C**

The Excellent Heating Performance at -35°C feature makes Thora series ideal for Northern and Scandinavian regions. The unit is designed to provide heating even under extreme outdoor temperatures, ensuring smooth operation and comfort.



**CRANKCASE AND COMPRESSOR HEATING BELT**

The Crankcase and Compressor Heating Belt is an electric resistance placed at the base of the outdoor unit and around the compressor. It activates automatically when the temperature drops below zero, preventing ice buildup on the unit. By reducing the need for defrosting, it saves energy and money, while ensuring stable heating performance.

# Commercial Air Conditioners



## TECHNOLOGY FOR BUSINESS EXCELLENCE

Inventor's commercial air conditioners offer the ultimate solution for creating a comfortable and efficient environment in professional spaces. Combining cutting-edge technology, energy-saving performance, Wi-Fi control, and whisper-quiet operation, they ensure ideal conditions for both employees and customers. Tailored to the unique demands of modern businesses, they deliver superior comfort and cost-effective performance in every setting.

## MULTI-SPLIT AIR CONDITIONERS

Inventor's multi-split air conditioners offer flexible solutions with a wide range of indoor units, providing numerous combination options. With the capability to connect up to 5 indoor units to a single outdoor unit, they ensure flexible installation, even in spaces with structural challenges. Their high energy efficiency ensures outstanding performance while saving energy, making them the perfect choice for modern spaces.

## LCAC

The wide range of Inventor's Light Commercial air conditioners is designed to adapt perfectly to any requirement. With a compact design that fits even in limited spaces, these units deliver excellent performance and energy efficiency. Ideal for both small and large commercial spaces, they combine high functionality with easy operation, thanks to a centralized control system, offering reliable solutions for demanding installations.

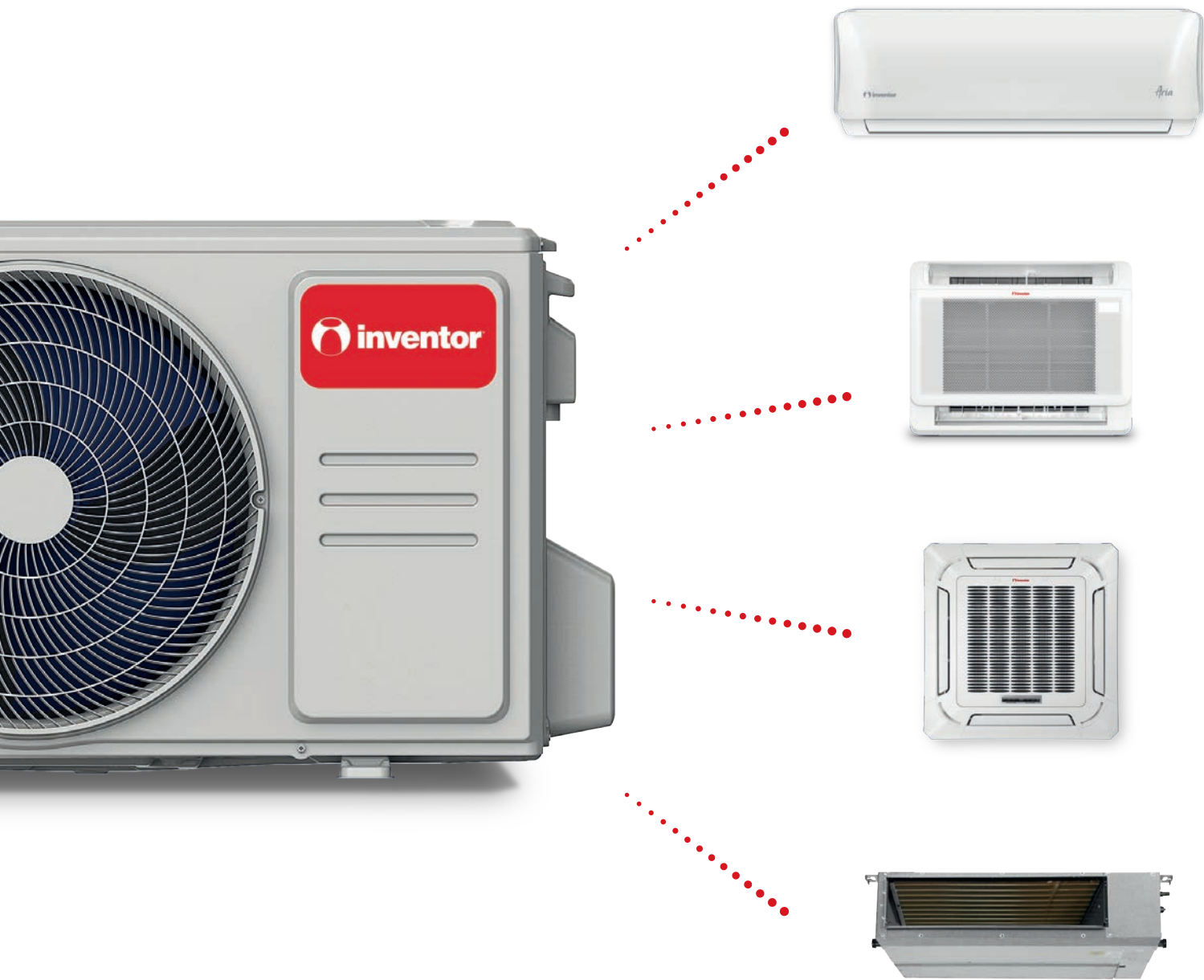


# Multi-Split Air Conditioners

Connect up to 5 indoor units with one outdoor unit according to your needs and enjoy the excellent atmosphere in every space.

**5** Up to 5 Indoor units per connection

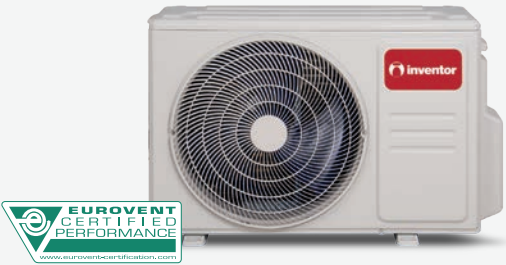
Wide Range of Combinations



## Outdoor Units

Power, credibility & flexible installation!

- Electronic Expansion Valve per Circuit
- Golden Fin
- Excellent Heating Performance Under -15°C
- Wide Operation Range
- Flexible Installation
- Robust Outdoor Design



| Model                                                      |                          |                     | U6RSL(2)-18           | U6RSL(3)-27            | U5MRSL32(4)-36                  | U6RSL(5)-42                     |
|------------------------------------------------------------|--------------------------|---------------------|-----------------------|------------------------|---------------------------------|---------------------------------|
| Cooling Capacity (Btu/h)                                   |                          |                     | 18.000 (7.600-19.000) | 27.000 (10.200-29.000) | 36.000 (7.000-36.000)           | 42.000 (10.800-42.000)          |
| Cooling Capacity (kWatt)                                   |                          |                     | 5.28 (2.23-5.57)      | 7.91 (2.99-8.50)       | 10.55 (2.05-10.55)              | 12.31 (3.16-12.31)              |
| Heating Capacity (Btu/h)                                   |                          |                     | 19.000 (7.980-19.200) | 28.000 (7.500-29.000)  | 36.000 (8.000-38.000)           | 42.000 (11.500-42.000)          |
| Heating Capacity (kWatt)                                   |                          |                     | 5.57 (2.34-5.63)      | 8.20 (2.21-8.50)       | 10.55 (2.34-11.13)              | 12.31 (3.37-12.31)              |
| Seasonal Efficiency<br>(In accordance to EN14825)*         | Cooling                  | Pdesign (kW)        | 5.3                   | 7.9                    | 10.6                            | 12.3                            |
|                                                            |                          | Energy Class        | A++                   | A++                    | A++                             | A+                              |
|                                                            |                          | SEER                | 6.1                   | 6.1                    | 6.1                             | 5.8                             |
|                                                            | Heating<br>(Middle Zone) | Pdesign (kW)        | 4.3                   | 5.3                    | 8.4                             | 9.5                             |
|                                                            |                          | Energy Class        | A+                    | A+                     | A+                              | A+                              |
|                                                            |                          | SCOP                | 4.0                   | 4.0                    | 4.0                             | 3.8                             |
|                                                            | Heating<br>(Warm Zone)   | Pdesign (kW)        | 5.0                   | 5.8                    | 8.8                             | 10.1                            |
|                                                            |                          | Energy Class        | A+++                  | A+++                   | A+++                            | A+++                            |
|                                                            |                          | SCOP                | 5.1                   | 5.1                    | 5.1                             | 5.1                             |
| Voltage/Frequency/Phase (V/Hz/Ph)                          |                          |                     | 220-240/50/1          | 220-240/50/1           | 220-240/50/1                    | 220-240/50/1                    |
| Indoor Number of Units (Min – Max)                         |                          |                     | 1-2                   | 1-3                    | 1-4                             | 1-5                             |
| Noise Level [dB(A)]                                        |                          |                     | 56                    | 58                     | 63                              | 62                              |
| Sound Power Level [dB(A)]                                  |                          |                     | 65                    | 68                     | 68                              | 70                              |
| Dimensions (MxBxY) (mm)                                    |                          |                     | 805x330x554           | 890x342x673            | 946x410x810                     | 946x410x810                     |
| Net Weight (kg)                                            |                          |                     | 35.0                  | 48.0                   | 68.8                            | 74.1                            |
| Compressor Type                                            |                          |                     | ROTARY                | ROTARY                 | ROTARY                          | ROTARY                          |
| Liquid Line   Gas Line                                     |                          |                     | 2x(1/4"   3/8")       | 3x(1/4"   3/8")        | 3x(1/4"   3/8")+1x(1/4"   1/2") | 4x(1/4"   3/8")+1x(1/4"   1/2") |
| Fuses (A)                                                  |                          |                     | 1x16                  | 1x20                   | 1x25                            | 1x25                            |
| Refrigerant/Charge (g)                                     |                          |                     | R32/1.250             | R32/1.850              | R32/2.100                       | R32/2.900                       |
| Maximum Pipe Length (m)                                    |                          | Total               | 40                    | 60                     | 80                              | 80                              |
|                                                            |                          | For one Indoor Unit | 25                    | 30                     | 35                              | 35                              |
| Max. Height Difference Between Indoor and Outdoor Unit (m) |                          |                     | 15                    | 15                     | 15                              | 15                              |
| Max. Height Difference Between Indoor Units (m)            |                          |                     | 10                    | 10                     | 10                              | 10                              |
| Operation Temperature Range (°C) Cooling/Heating           |                          |                     | -15~50/-15~24         | -15~50/-15~24          | -15~50/-15~24                   | -15~50/-15~24                   |

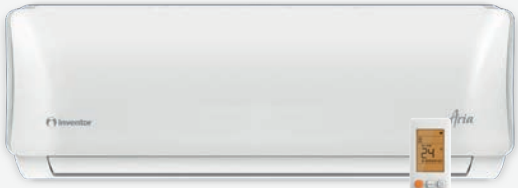
\*The data of "Pdesing", "Energy Class" and "SEER/SCOP" in Cooling, Heating (Middle Zone) & Heating (Warm Zone), refer to the outdoor units combination with Cassette type indoor units.

Wall Mounted

Ideal conditions for comfort and energy saving!

Cassettes

Perfect temperature at your place!





Hotel Menu



Wi-Fi



Hepa Filter



4 Way Air Flow



Follow Me



Sleep Mode

| Model                                        |         | AR5VI-09WiF  | AR5VI-12WiF  | AR5VI-18WiF   | AR5VI-24WiF     |
|----------------------------------------------|---------|--------------|--------------|---------------|-----------------|
| Cooling Capacity (Btu/h)                     |         | 9.000        | 12.000       | 18.000        | 24.000          |
| Cooling Capacity (kWatt)                     |         | 2.64         | 3.52         | 5.28          | 7.03            |
| Heating Capacity (Btu/h)                     |         | 10.000       | 13.000       | 19.000        | 25.000          |
| Heating Capacity (kWatt)                     |         | 2.93         | 3.81         | 5.57          | 7.33            |
| Voltage/Frequency/Phase (V/Hz/Ph)            |         | 220-240/50/1 | 220-240/50/1 | 220-240/50/1  | 220-240/50/1    |
| Current Input (A)                            | Cooling | 0.09         | 0.11         | 0.15          | 0.28            |
|                                              | Heating | 0.09         | 0.11         | 0.15          | 0.28            |
| Power Input (kW)                             | Cooling | 0.02         | 0.02         | 0.04          | 0.06            |
|                                              | Heating | 0.02         | 0.02         | 0.04          | 0.06            |
| Air Flow Volume (High/Medium/Low) (m3/h)     |         | 416/309/230  | 584/477/395  | 730/500/420   | 1.020/830/640   |
| Noise Level (Silent/Low/Medium/High) [dB(A)] |         | 20/23/31/39  | 22/25/35/42  | 24/28/33.5/43 | 27/30.5/41.5/47 |
| Sound Power Level [dB(A)]                    |         | 54           | 56           | 57            | 63              |
| Dimensions (WxDxH) (mm)                      |         | 722x187x290  | 802x189x297  | 965x215x319   | 1080x226x335    |
| Net Weight (kg)                              |         | 7.3          | 8.6          | 10.9          | 13.7            |
| Liquid Line Gas Line                         |         | 1/4"   3/8"  | 1/4"   3/8"  | 1/4"   1/2"   | 3/8"   5/8"     |





Wi-Fi Ready



Building Management System



Remote On/Off (optional)



360° Air Outlet



Built-in Drain Pump



Fresh Air Intake

The wired weekly planner controller is optional.

| Model                                    |         | LV6CI-12WiFiR | LV6CI-18WiFiR   |
|------------------------------------------|---------|---------------|-----------------|
| Cooling Capacity (Btu/h)                 |         | 12.000        | 18.000          |
| Cooling Capacity (kWatt)                 |         | 3.52          | 5.28            |
| Heating Capacity (Btu/h)                 |         | 14.000        | 18.500          |
| Heating Capacity (kWatt)                 |         | 4.10          | 5.42            |
| Voltage/Frequency/Phase (V/Hz/Ph)        |         | 220-240/50/1  | 220-240/50/1    |
| Current Input (A)                        | Cooling | 0.18          | 0.44            |
|                                          | Heating | 0.18          | 0.44            |
| Power Input (kW)                         | Cooling | 0.04          | 0.05            |
|                                          | Heating | 0.04          | 0.05            |
| Air Flow Volume (High/Medium/Low) (m3/h) |         | 620/510/420   | 720/620/500     |
| Noise Level (Low/Medium/High) [dB(A)]    |         | 25.5/33/36/41 | 29/35.5/39.5/43 |
| Sound Power Level [dB(A)]                |         | 57            | 59              |
| Dimensions (WxDxH) (mm)                  | Panel   | 647x647x50    | 647x647x50      |
|                                          | Indoor  | 570x570x260   | 570x570x260     |
| Net Weight (kg)                          | Panel   | 2.5           | 2.5             |
|                                          | Indoor  | 16.3          | 16.0            |
| Liquid Line  Gas Line                    |         | 1/4"   3/8"   | 1/4"   1/2"     |

Ducted

Unique flexibility & absolute adjustment to your needs!



The wired weekly planner controller is standard.



Super Slim Design



Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Wi-Fi Ready



Building Management System



Built-in Drain Pump

| Model                                    |         | LV6DI-12WiFiR   | LV6DI-18WiFiR |
|------------------------------------------|---------|-----------------|---------------|
| Cooling Capacity (Btu/h)                 |         | 12.000          | 18.000        |
| Cooling Capacity (kWatt)                 |         | 3.52            | 5.28          |
| Heating Capacity (Btu/h)                 |         | 13.000          | 19.000        |
| Heating Capacity (kWatt)                 |         | 3.81            | 5.57          |
| Voltage/Frequency/Phase (V/Hz/Ph)        |         | 220-240/50/1    | 220-240/50/1  |
| Current Input (A)                        | Cooling | 1.1             | 1.3           |
|                                          | Heating | 1.1             | 1.3           |
| Power Input (kW)                         | Cooling | 0.19            | 0.20          |
|                                          | Heating | 0.19            | 0.20          |
| Air Flow Volume (High/Medium/Low) (m3/h) |         | 600/480/300     | 911/706/515   |
| Static Pressure (Pa)                     |         | 0-60            | 0-100         |
| Noise Level (Low/Medium/High) [dB(A)]    |         | 23/29/30.5/34.5 | 26/34/38/41   |
| Sound Power Level [dB(A)]                |         | 58              | 58            |
| Dimensions (WxDxH) (mm)                  |         | 700x506x200     | 880x674x210   |
| Net Weight (kg)                          |         | 17.8            | 24.4          |
| Liquid Line  Gas Line                    |         | 1/4"   3/8"     | 1/4"   1/2"   |

Consoles

Excellent performance, ultimate comfort and energy saving!



The wired weekly planner controller is optional.



Double Air Outlet



Central Control Management (optional)



Wi-Fi Ready



Follow Me



ECO function



Hotel Menu

| Model                                        |         | LV6LI-12WiFiR | LV6LI-18WiFiR |
|----------------------------------------------|---------|---------------|---------------|
| Cooling Capacity (Btu/h)                     |         | 12.000        | 17.000        |
| Cooling Capacity (kWatt)                     |         | 3.52          | 4.98          |
| Heating Capacity (Btu/h)                     |         | 13.000        | 18.000        |
| Heating Capacity (kWatt)                     |         | 3.81          | 5.28          |
| Voltage/Frequency/Phase (V/Hz/Ph)            |         | 220-240/50/1  | 220-240/50/1  |
| Current Input (A)                            | Cooling | 4.5           | 6.7           |
|                                              | Heating | 4.4           | 6.4           |
| Power Input (kW)                             | Cooling | 1.00          | 1.50          |
|                                              | Heating | 0.98          | 1.42          |
| Air Flow Volume (High/Medium/Low) (m3/h)     |         | 512/480/370   | 560/480/400   |
| Noise Level (Silent/Low/Medium/High) [dB(A)] |         | 21/27/34/37   | 24/32/38/41   |
| Sound Power Level [dB(A)]                    |         | 54            | 55            |
| Dimensions (WxDxH) (mm)                      |         | 794x206x621   | 794x206x621   |
| Net Weight (kg)                              |         | 14.9          | 14.9          |
| Liquid Line  Gas Line                        |         | 1/4"   3/8"   | 1/4"   1/2"   |

# Light Commercial Air Conditioners



Inventor light commercial air conditioners combine cutting-edge technology with cost-effective performance, delivering optimal comfort and energy savings for any professional space. Explore solutions tailor-designed for modern business needs.

Perfect Control Management

Perfect Adjustment to your needs

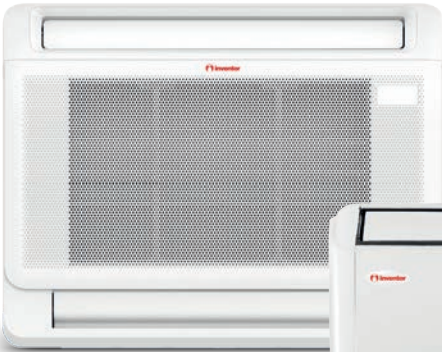
Cost saving solutions that do more for every enterprise



**Ducted** air conditioners for easy installation and perfect customization to your needs



**Cassettes** with ergonomic design for effortless integration into any workspace



**Consoles** for flexible use, ideal for small offices and businesses



**Floor Ceiling** units for excellent performance, ideal for hotel use



**Floor Standing** units for high performance even at low temperatures

## Cassettes

Ergonomic design & high performance!



360° Air Outlet



Independent Louver Swing\*



Building Management System



Wi-Fi Ready



Fresh Air Intake



Built-in Drain Pump



The wired weekly planner controller is optional.



| Model                                                   |                             |                                  | V7CRI-12WiFiR<br>/U7RS-12 | V7CRI-18WiFiR<br>/U7RS-18 | V7CI-24WiFiR<br>/U7RS-24  | V7CI-36WiFiR<br>/U7RS-36 | V7CI-42WiFiR<br>/U7RS-42  | V7CI-50WiFiR<br>/U7RT-50  | V7CI-60WiFiR<br>/U7RT-60  |
|---------------------------------------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------------------|
| Cooling Capacity (Btu/h)                                |                             |                                  | 12.000<br>(2.897~14.020)  | 18.000<br>(9.900~19.064)  | 24.000<br>(11.263~27.000) | 36.000<br>(9.200~39.000) | 41.000<br>(10.000~42.000) | 48.000<br>(12.000~54.000) | 53.000<br>(14.000~57.000) |
| Cooling Capacity (kWatt)                                |                             |                                  | 3.52 (0.85~4.11)          | 5.28 (2.90~5.59)          | 7.03 (3.30~7.91)          | 10.55 (2.70~11.43)       | 12.02 (2.93~12.31)        | 14.07 (3.52~15.83)        | 15.24 (4.10~16.71)        |
| Heating Capacity (Btu/h)                                |                             |                                  | 13.000<br>(1.604~14.705)  | 19.000<br>(8.100~20.800)  | 26.000<br>(9.577~30.500)  | 38.000<br>(9.500~42.000) | 46.000<br>(11.500~48.000) | 55.000<br>(14.000~59.000) | 62.000<br>(15.000~68.000) |
| Heating Capacity (kWatt)                                |                             |                                  | 3.81(0.47~4.31)           | 5.57 (2.37~6.10)          | 7.62 (2.81~8.94)          | 11.14 (2.78~12.30)       | 13.48 (3.37~14.07)        | 16.12 (4.10~17.29)        | 18.17 (4.40~19.93)        |
| Seasonal<br>Efficiency<br>(In accordance<br>to EN14825) | Cooling                     | Pdesign (kW)                     | 3.5                       | 5.3                       | 7.0                       | 10.5                     | 12.1                      | 14.0                      | 15.3                      |
|                                                         |                             | Energy Class                     | A++                       | A++                       | A++                       | A++                      | A++                       | A++                       | A++                       |
|                                                         |                             | SEER                             | 6.6                       | 6.3                       | 6.2                       | 6.7                      | 6.1                       | 6.1                       | 6.3                       |
|                                                         | Heating<br>(Middle<br>Zone) | Pdesign (kW)                     | 2.7                       | 4.2                       | 6.0                       | 8.5                      | 9.5                       | 11.0                      | 11.9                      |
|                                                         |                             | Energy Class                     | A+                        | A+                        | A+                        | A+                       | A+                        | A+                        | A+                        |
|                                                         |                             | SCOP                             | 4.1                       | 4.0                       | 4.0                       | 4.0                      | 4.0                       | 4.0                       | 4.0                       |
|                                                         | Heating<br>(Warm<br>Zone)   | Pdesign (kW)                     | 3.3                       | 5.4                       | 6.3                       | 10.1                     | 9.8                       | 12.0                      | 12.5                      |
|                                                         |                             | Energy Class                     | A+++                      | A++                       | A+++                      | A+++                     | A+++                      | A++                       | A+++                      |
| SCOP                                                    |                             | 5.1                              | 4.8                       | 5.1                       | 5.1                       | 5.1                      | 5.0                       | 5.1                       |                           |
| Voltage/Frequency/Phase (V/Hz/Ph)                       |                             |                                  | 220-240/50/1              | 220-240/50/1              | 220-240/50/1              | 220-240/50/1             | 220-240/50/1              | 380-415/50/3              | 380-415/50/3              |
| Current Input (A)                                       |                             | Cooling                          | 4.45 (1.32~6.31)          | 7.20 (3.20~9.20)          | 10.20 (4.20~12.00)        | 17.50 (4.20~18.50)       | 18.80 (3.10~19.10)        | 8.10 (1.80~10.20)         | 8.60 (2.10~10.70)         |
|                                                         |                             | Heating                          | 4.73 (1.04~6.07)          | 6.80 (3.10~8.50)          | 8.50 (3.60~12.10)         | 13.50 (3.50~17.50)       | 16.30 (3.40~19.00)        | 8.00 (1.90~9.50)          | 9.60 (2.10~10.70)         |
| Power Input (kW)                                        |                             | Cooling                          | 1.01 (0.17~1.43)          | 1.63 (0.72~2.09)          | 2.32 (0.78~2.75)          | 3.95 (0.90~4.20)         | 4.20 (0.68~4.35)          | 4.65 (0.80~5.90)          | 5.00 (0.98~6.20)          |
|                                                         |                             | Heating                          | 1.02 (0.12~1.38)          | 1.54 (0.70~1.93)          | 1.90 (0.61~2.70)          | 3.70 (0.75~4.25)         | 3.70 (0.75~4.25)          | 4.58 (0.90~5.50)          | 5.55 (1.20~6.70)          |
| Air Flow Volume (High/Medium/Low)<br>(m3/h)             |                             |                                  | 620/510/420               | 720/620/500               | 1,300/1,140/1,000         | 1,700/1,550/1,380        | 1,900/1,750/1,600         | 1,970/1,780/1,580         | 2,000/1,850/1,650         |
| Noise Level [dB(A)]                                     |                             | Indoor unit<br>(Low/Medium/High) | 25.5/33/36/41             | 29/35.5/39.5/43           | 27/39.5/42.5/45.5         | 39/44.5/47.5/50          | 38/46/48.5/51             | 37.5/46.5/48.5/51         | 40/48/50.5/53             |
|                                                         |                             | Outdoor unit                     | 53.6                      | 56                        | 60                        | 63                       | 63                        | 63.5                      | 64                        |
| Sound Power Level<br>[dB(A)]                            |                             | Indoor/Outdoor Unit              | 57/62                     | 59/65                     | 59/69                     | 64/70                    | 66/72                     | 66/74                     | 66/75                     |
| Fuses (A)                                               |                             |                                  | 1x10                      | 1x16                      | 1x16                      | 1x25                     | 1x25                      | 3x16                      | 3x16                      |
| Signal Wires (Noxmm2)                                   |                             |                                  | 4x1.5                     | 4x1.5                     | 4x1.5                     | 4x1.5                    | 4x1.5                     | 4x1.5                     | 4x1.5                     |
| Dimensions<br>(WxDxH) (mm)                              |                             | Panel                            | 647x647x50                | 647x647x50                | 950x950x55                | 950x950x55               | 950x950x55                | 950x950x55                | 950x950x55                |
|                                                         |                             | Indoor Unit                      | 570x570x260               | 570x570x260               | 830x830x205               | 830x830x245              | 830x830x287               | 830x830x287               | 830x830x287               |
|                                                         |                             | Outdoor Unit                     | 765x303x555               | 805x330x554               | 890x342x673               | 946x410x810              | 946x410x810               | 952x415x1,333             | 952x415x1,333             |
| Net Weight (kg)                                         |                             | Panel/<br>Indoor/Outdoor Unit    | 2.5/16.3/26.6             | 2.5/16.0/32.5             | 6.0/21.6/43.9             | 6.0/27.2/66.9            | 6.0/29.3/71.0             | 6.0/29.3/103.7            | 6.0/29.3/107.0            |
| Liquid Line  Gas Line                                   |                             |                                  | 1/4"   3/8"               | 1/4"   1/2"               | 3/8"   5/8"               | 3/8"   5/8"              | 3/8"   5/8"               | 3/8"   5/8"               | 3/8"   5/8"               |
| Refrigerant/Charge (g)                                  |                             |                                  | R32/710                   | R32/1.150                 | R32/1.500                 | R32/2.400                | R32/2.800                 | R32/2.900                 | R32/3.000                 |
| Operation Temperature Range (°C)<br>Cooling/Heating     |                             |                                  | -15~50 / -15~24           | -15~50 / -15~24           | -15~50 / -15~24           | -15~50 / -15~24          | -15~50 / -15~24           | -15~50 / -15~24           | -15~50 / -15~24           |

## Consoles

## Excellent performance, energy saving and flexibility!

Double Air Outlet
 Central Control Management (optional)
 Wi-Fi Ready

Follow Me
 ECO function
 Hotel Menu

The wired weekly planner controller is optional.

| Model                                                       |                                         |              | V7LI-12WiFiR/U7RS-12  | V7LI-18WiFiR/U7RS-18  |  |  |
|-------------------------------------------------------------|-----------------------------------------|--------------|-----------------------|-----------------------|--|--|
| Cooling Capacity (Btu/h)                                    |                                         |              | 12.000 (2.600-14.500) | 17.000 (9.000-19.000) |  |  |
| Cooling Capacity (kWatt)                                    |                                         |              | 3.52 (0.76-4.25)      | 4.98 (2.64-5.57)      |  |  |
| Heating Capacity (Btu/h)                                    |                                         |              | 13.000 (1.550-16.000) | 18.000 (7.500-21.500) |  |  |
| Heating Capacity (kWatt)                                    |                                         |              | 3.81 (0.45-4.69)      | 5.28 (2.20-6.30)      |  |  |
| Seasonal Efficiency<br>(In accordance to EN14825)           | Cooling                                 | Pdesign (kW) | 3.5                   | 5.0                   |  |  |
|                                                             |                                         | Energy Class | A++                   | A++                   |  |  |
|                                                             |                                         | SEER         | 7.3                   | 6.7                   |  |  |
|                                                             | Heating (Middle Zone)                   | Pdesign (kW) | 2.6                   | 4.0                   |  |  |
|                                                             |                                         | Energy Class | A+                    | A+                    |  |  |
|                                                             |                                         | SCOP         | 4.0                   | 4.0                   |  |  |
|                                                             | Heating (Warm Zone)                     | Pdesign (kW) | 3.4                   | 5.0                   |  |  |
|                                                             |                                         | Energy Class | A+++                  | A++                   |  |  |
|                                                             |                                         | SCOP         | 5.5                   | 5.0                   |  |  |
| Voltage / Frequency / Phase (V/Hz/Ph)                       |                                         |              | 220-240/50/1          | 220-240/50/1          |  |  |
| Current Input (A)                                           | Cooling                                 |              | 4.5 (1.40-5.90)       | 6.7 (2.95-8.70)       |  |  |
|                                                             | Heating                                 |              | 4.4 (1.25-5.95)       | 6.4 (2.75-8.50)       |  |  |
| Power Input (kW)                                            | Cooling                                 |              | 1.00 (0.17-1.35)      | 1.50 (0.65-1.95)      |  |  |
|                                                             | Heating                                 |              | 0.98 (0.15-1.30)      | 1.42 (0.60-1.90)      |  |  |
| Air Flow Volume (m3/h)                                      |                                         |              | 512/480/370           | 560/480/400           |  |  |
| Noise Level [dB(A)]                                         | Indoor unit n(Silence/ Low/Medium/High) |              | 21/27/34/37           | 24/32/38/41           |  |  |
|                                                             | Outdoor unit                            |              | 54                    | 55                    |  |  |
| Sound Power Level [dB(A)]                                   | Indoor / Outdoor                        |              | 55/63                 | 56/64                 |  |  |
| Fuses (A)                                                   |                                         |              | 1x16                  | 1x16                  |  |  |
| Signal Wires (Noxmm2)                                       |                                         |              | 4x1.5                 | 4x1.5                 |  |  |
| Dimensions (WxDxH) (mm)                                     | Indoor unit                             |              | 794x206x621           | 794x206x621           |  |  |
|                                                             | Outdoor unit                            |              | 765x303x555           | 805x330x554           |  |  |
| Net Weight (kg)                                             | Indoor / Outdoor                        |              | 14.9/26.6             | 14.9/32.5             |  |  |
| Compressor Type                                             |                                         |              | ROTARY                | ROTARY                |  |  |
| Liquid Line  Gas Line                                       |                                         |              | 1/4"   3/8"           | 1/4"   1/2"           |  |  |
| Refrigerant/Charge (g)                                      |                                         |              | R32/710               | R32/1.150             |  |  |
| Outdoor Operation Temperature Range (°C)<br>Cooling/Heating |                                         |              | -15~-50/-15~24        | -15~-50/-15~24        |  |  |

## Floor Ceiling

## Advanced functions for ideal conditions!

Central Control Management (Optional)
 Hotel Menu
 Wi-Fi Ready

Building Management System
 Follow Me
 Golden Fin

The wired weekly planner controller is optional.

| Model                                               |                                |              | V7KI-18WiFiR/U7RS-18  | V7KI-24WiFiR/U7RS-24   | V7KI-36WiFiR/U7RS-36  | V7KI-50WiFiR/U7RT-50   | V7KI-60WiFiR/U7RT-60   |  |  |
|-----------------------------------------------------|--------------------------------|--------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|--|--|
| Cooling Capacity (Btu/h)                            |                                |              | 18.000 (9.250-20.000) | 24.000 (10.990-26.500) | 36.000 (9.300-39.000) | 48.000 (12.000-52.000) | 54.000 (14.000-57.000) |  |  |
| Cooling Capacity (kWatt)                            |                                |              | 5.28 (2.71-5.86)      | 7.03 (3.22-7.77)       | 10.55 (2.73-11.43)    | 14.07 (3.52-15.24)     | 15.83 (4.10-16.71)     |  |  |
| Heating Capacity (Btu/h)                            |                                |              | 19.000 (8.250-21.500) | 26.000 (9.280-28.285)  | 40.000 (9.600-43.600) | 55.000 (14.000-58.000) | 62.000 (15.000-67.000) |  |  |
| Heating Capacity (kWatt)                            |                                |              | 5.57 (2.42-6.30)      | 7.62 (2.72-8.29)       | 11.72 (2.78-12.78)    | 16.12 (4.10-17.00)     | 18.17 (4.40-19.64)     |  |  |
| Seasonal Efficiency<br>(In accordance to EN14825)   | Cooling                        | Pdesign (kW) | 5.4                   | 7.2                    | 10.5                  | 14.0                   | 15.5                   |  |  |
|                                                     |                                | Energy Class | A++                   | A++                    | A++                   | A++                    | A++                    |  |  |
|                                                     |                                | SEER         | 6.2                   | 6.1                    | 6.4                   | 6.1                    | 6.1                    |  |  |
|                                                     | Heating (Middle Zone)          | Pdesign (kW) | 4.0                   | 5.5                    | 8.6                   | 11.2                   | 11.9                   |  |  |
|                                                     |                                | Energy Class | A+                    | A+                     | A+                    | A+                     | A+                     |  |  |
|                                                     |                                | SCOP         | 4.0                   | 4.0                    | 4.1                   | 4.0                    | 4.0                    |  |  |
|                                                     | Heating (Warm Zone)            | Pdesign (kW) | 5.1                   | 5.8                    | 10.2                  | 11.7                   | 12.6                   |  |  |
|                                                     |                                | Energy Class | A+++                  | A+++                   | A+++                  | A+++                   | A+++                   |  |  |
|                                                     |                                | SCOP         | 5.1                   | 5.1                    | 5.1                   | 5.1                    | 5.1                    |  |  |
| Voltage/Frequency/Phase (V/Hz/Ph)                   |                                |              | 220-240/50/1          | 220-240/50/1           | 220-240/50/1          | 380-415/50/3           | 380-415/50/3           |  |  |
| Current Input (A)                                   | Cooling                        |              | 6.00 (3.20-9.00)      | 10.54 (3.90-13.10)     | 17.0 (4.2~19.0)       | 8.8 (1.9~10.3)         | 9.7 (3.2~11.5)         |  |  |
|                                                     | Heating                        |              | 6.60 (2.70-7.30)      | 9.50 (3.50-12.70)      | 15.0 (3.5~17.5)       | 8.9 (2.1~10.5)         | 10.5 (2.2~12)          |  |  |
| Power Input (kW)                                    | Cooling                        |              | 1.45 (0.67-2.03)      | 2.30 (0.75-2.93)       | 3.90 (0.90-4.25)      | 5.00 (0.90-5.95)       | 5.65 (1.10-6.65)       |  |  |
|                                                     | Heating                        |              | 1.50 (0.54-1.64)      | 2.05 (0.65-2.85)       | 3.35 (0.80-3.95)      | 5.10 (1.00-6.05)       | 6.05 (1.05-7.10)       |  |  |
| Air Flow Volume (High/Medium/Low) (m3/h)            |                                |              | 958/839/723           | 1.192/1.023/853        | 1.955/1.728/1.504     | 2.100/1.850/1.600      | 2.200/1.950/1.650      |  |  |
| Noise Level [dB(A)]                                 | Indoor unit (Low/Medium/ High) |              | 24/36.5/41/43.5       | 32/43/46/49            | 37/44/48.5/50         | 36/45/50/53            | 38/46.5/50.5/54        |  |  |
|                                                     | Outdoor unit                   |              | 59                    | 60                     | 63                    | 63.5                   | 64                     |  |  |
| Sound Power Level [dB(A)]                           | Indoor/Outdoor Unit            |              | 59/65                 | 55/67                  | 65/70                 | 67/74                  | 67/73                  |  |  |
| Fuses (A)                                           |                                |              | 1x16                  | 1x16                   | 1x25                  | 3x16                   | 3x16                   |  |  |
| Signal Wires (Noxmm2)                               |                                |              | 4x1.5                 | 4x1.5                  | 4x1.5                 | 4x1.5                  | 4x1.5                  |  |  |
| Dimensions (WxDxH) (mm)                             | Indoor Unit                    |              | 1.068x675x235         | 1.068x675x235          | 1.650x675x235         | 1.650x675x235          | 1.650x675x235          |  |  |
|                                                     | Outdoor Unit                   |              | 805x330x554           | 890x342x673            | 946x410x810           | 952x415x1.333          | 952x415x1.333          |  |  |
| Net Weight (kg)                                     | Indoor/Outdoor Unit            |              | 28.0/32.5             | 28.0/43.9              | 41.5/66.9             | 41.7/103.7             | 42.3/107.0             |  |  |
| Liquid Line  Gas Line                               |                                |              | 1/4"   1/2"           | 3/8"   5/8"            | 3/8"   5/8"           | 3/8"   5/8"            | 3/8"   5/8"            |  |  |
| Refrigerant/Charge (g)                              |                                |              | R32/1.150             | R32/1.500              | R32/2.400             | R32/2.900              | R32/3.000              |  |  |
| Operation Temperature Range (°C)<br>Cooling/Heating |                                |              | -15~-50 / -15~24      | -15~-50 / -15~24       | -15~-50 / -15~24      | -15~-50 / -15~24       | -15~-50 / -15~24       |  |  |

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Incomparable power & absolute control!





Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Building Management System



Super Slim Design



Wi-Fi Ready



Built-in Drain Pump

The wired weekly planner controller is standard.

| Model                                            |                               |                     | V7DI-12WiFiR / U7RS-12 | V7DI-18WiFiR / U7RS-18 | V7DI-24WiFiR / U7RS-24 | V7DI-36WiFiR / U7RS-36 | V7DI-42WiFiR / U7RS-42 | V7DI-50WiFiR / U7RT-50 | V7DI-60WiFiR / U7RT-60 |
|--------------------------------------------------|-------------------------------|---------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Cooling Capacity (Btu/h)                         |                               |                     | 12.000 (1.800-13.607)  | 18.000 (8.700-20.000)  | 24.000 (11.180-27.830) | 36.000 (9.400-38.000)  | 41.000 (10.000-42.000) | 48.000 (12.000-53.000) | 52.000 (14.000-59.000) |
| Cooling Capacity (kWatt)                         |                               |                     | 3.52 (0.53-3.99)       | 5.28 (2.55-5.86)       | 7.03 (3.28-8.16)       | 10.55 (2.75-11.14)     | 12.02 (2.93-12.31)     | 14.07 (3.52-15.53)     | 15.24 (4.10-17.29)     |
| Heating Capacity (Btu/h)                         |                               |                     | 13.000 (3.400-14.975)  | 19.000 (7.500-21.000)  | 26.000 (9.580-28.954)  | 40.000 (9.500-43.600)  | 46.000 (11.500-48.000) | 55.000 (14.000-62.000) | 62.000 (15.000-70.000) |
| Heating Capacity (kWatt)                         |                               |                     | 3.81 (1.00-4.39)       | 5.57 (2.20-6.15)       | 7.62 (2.81-8.49)       | 11.72 (2.78-12.78)     | 13.48 (3.37-14.07)     | 16.12 (4.10-18.17)     | 18.17 (4.40-20.52)     |
| Seasonal Efficiency (In accordance to EN14825)   | Cooling                       | Pdesign (kW)        | 3.5                    | 5.4                    | 7.1                    | 10.5                   | 12.1                   | 14.0                   | 15.3                   |
|                                                  |                               | Energy Class        | A++                    | A++                    | A++                    | A++                    | A++                    | A++                    | A++                    |
|                                                  |                               | SEER                | 6.3                    | 6.5                    | 6.2                    | 6.2                    | 6.1                    | 6.1                    | 6.1                    |
|                                                  | Heating (Middle Zone)         | Pdesign (kW)        | 2.7                    | 4.3                    | 5.4                    | 8.4                    | 9.5                    | 11.5                   | 12.5                   |
|                                                  |                               | Energy Class        | A+                     | A+                     | A+                     | A+                     | A+                     | A+                     | A+                     |
|                                                  |                               | SCOP                | 4.0                    | 4.0                    | 4.0                    | 4.0                    | 4.0                    | 4.0                    | 4.0                    |
|                                                  | Heating (Warm Zone)           | Pdesign (kW)        | 3.4                    | 5.2                    | 6.0                    | 9.8                    | 10.2                   | 11.5                   | 12.8                   |
|                                                  |                               | Energy Class        | A+++                   | A+++                   | A+++                   | A+++                   | A+++                   | A++                    | A+++                   |
|                                                  |                               | SCOP                | 5.1                    | 5.1                    | 5.1                    | 5.1                    | 5.1                    | 5.0                    | 5.1                    |
| Voltage/Frequency/Phase (V/Hz/Ph)                |                               |                     | 220-240/50/1           | 220-240/50/1           | 220-240/50/1           | 220-240/50/1           | 220-240/50/1           | 380-415/50/3           | 380-415/50/3           |
| Current Input (A)                                | Cooling                       |                     | 4.75 (1.30-6.09)       | 7.10 (3.20-9.56)       | 10.20 (4.20-13.20)     | 17.50 (4.20-18.50)     | 18.80 (3.10-19.80)     | 8.40 (1.90-10.40)      | 9.60 (3.10-11.50)      |
|                                                  | Heating                       |                     | 4.52 (1.48-6.15)       | 6.80 (3.30-7.70)       | 9.20 (3.80-11.60)      | 14.50 (3.50-17.50)     | 15.50 (3.40-18.30)     | 8.00 (2.00-9.80)       | 9.50 (2.00-11.50)      |
| Power Input (kW)                                 | Cooling                       |                     | 1.05 (0.16-1.37)       | 1.53 (0.71-2.15)       | 2.19 (0.75-2.96)       | 3.95 (0.90-4.15)       | 4.20 (0.68-4.50)       | 4.80 (0.88-6.00)       | 5.25 (1.03-6.65)       |
|                                                  | Heating                       |                     | 1.04 (0.30-1.39)       | 1.51 (0.74-1.76)       | 1.90 (0.64-2.58)       | 3.25 (0.80-3.95)       | 3.45 (0.75-4.10)       | 4.50 (0.95-5.70)       | 5.15 (0.95-6.60)       |
| Air Flow Volume (High/Medium/Low) (m3/h)         |                               |                     | 600/480/300            | 911/706/515            | 1.229/1.035/825        | 2.100/1.800/1.500      | 2.400/2.040/1.680      | 2.400/2.040/1.680      | 2.600/2.210/1.820      |
| Outdoor Static Pressure (Pa)                     |                               |                     | 0-60                   | 0-100                  | 0-160                  | 0-160                  | 0-160                  | 0-160                  | 0-160                  |
| Noise Level [dB(A)]                              | Indoor unit (Low/Medium/High) |                     | 23/29/30.5/34.5        | 26/34/38/41            | 27/37/40/42            | 42/46/48/49.5          | 43/48/49/51.5          | 42/47/49/50            | 43/47/49/52.5          |
|                                                  | Outdoor unit                  |                     | 53.6                   | 56                     | 60                     | 63                     | 63                     | 63.5                   | 64                     |
| Sound Power Level [dB(A)]                        |                               | Indoor/Outdoor Unit | 58/62                  | 58/65                  | 62/68                  | 61/70                  | 67/75                  | 66/74                  | 66/74                  |
| Fuses (A)                                        |                               |                     | 1x10                   | 1x16                   | 1x16                   | 1x25                   | 1x25                   | 3x16                   | 3x16                   |
| Signal Wires (Noxmm2)                            |                               |                     | 4x1.5                  | 4x1.5                  | 4x1.5                  | 4x1.5                  | 4x1.5                  | 4x1.5                  | 4x1.5                  |
| Dimensions (WxDxH) (mm)                          | Indoor Unit                   |                     | 700x450x200            | 880x674x210            | 1.100x774x249          | 1.360x774x249          | 1.200x874x300          | 1.200x874x300          | 1.200x874x300          |
|                                                  | Outdoor Unit                  |                     | 765x303x555            | 805x330x554            | 890x342x673            | 946x410x810            | 946x410x810            | 952x415x1.333          | 952x415x1.333          |
| Net Weight (kg)                                  |                               | Indoor/Outdoor Unit | 17.8/26.6              | 24.4/32.5              | 32.3/43.9              | 40.5/66.9              | 47.6/71.0              | 47.6/103.7             | 47.4/107.0             |
| Liquid Line  Gas Line                            |                               |                     | 1/4"   3/8"            | 1/4"   1/2"            | 3/8"   5/8"            | 3/8"   5/8"            | 3/8"   5/8"            | 3/8"   5/8"            | 3/8"   5/8"            |
| Refrigerant/Charge (g)                           |                               |                     | R32/710                | R32/1.150              | R32/1.500              | R32/2.400              | R32/2.800              | R32/2.900              | R32/3.000              |
| Operation Temperature Range (°C) Cooling/Heating |                               |                     | -15~50 / -15~24        | -15~50 / -15~24        | -15~50 / -15~24        | -15~50 / -15~24        | -15~50 / -15~24        | -15~50 / -15~24        | -15~50 / -15~24        |

Floor Standing

Voice-activated remote temperature control!





Wifi Standard



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Aqua Ionizer



Quiet Operation



Turbo Mode

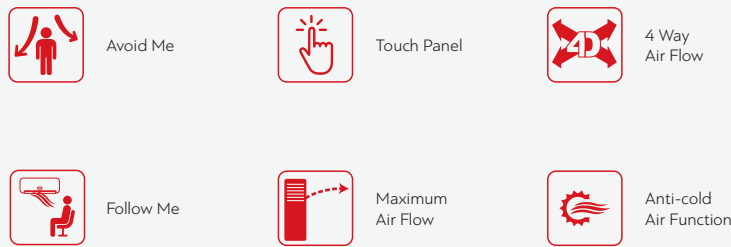


Wide Vertical Air Flow

| Model                                            |                                      |                     | V7FSI-24/V7FSO-24       |
|--------------------------------------------------|--------------------------------------|---------------------|-------------------------|
| Cooling Capacity (Btu/h)                         |                                      |                     | 24.570 (3.072 - 30.374) |
| Cooling Capacity (kWatt)                         |                                      |                     | 7.2 (0.9 - 8.9)         |
| Heating Capacity (Btu/h)                         |                                      |                     | 27.302 (3.072 - 35.834) |
| Heating Capacity (kWatt)                         |                                      |                     | 8.0 (0.9 - 10.5)        |
| EER                                              |                                      |                     | 3.23                    |
| COP                                              |                                      |                     | 3.7                     |
| Seasonal Efficiency (In accordance to EN14825)   | Cooling                              | Pdesign (kW)        | 7.2                     |
|                                                  |                                      | Energy Class        | A++                     |
|                                                  |                                      | SEER                | 7.0                     |
|                                                  | Heating (Middle Zone)                | Pdesign (kW)        | 5.5                     |
|                                                  |                                      | Energy Class        | A+                      |
|                                                  |                                      | SCOP                | 4.0                     |
|                                                  | Heating (Warm Zone)                  | Pdesign (kW)        | 4.7                     |
|                                                  |                                      | Energy Class        | A+                      |
|                                                  |                                      | SCOP                | 4.2                     |
| Voltage/Frequency/Phase (V/Hz/Ph)                |                                      |                     | 220-240/50/1            |
| Current Input (A)                                | Cooling                              |                     | 14.5                    |
|                                                  | Heating                              |                     | 17.5                    |
| Power Input (kW)                                 | Cooling                              |                     | 3.3                     |
|                                                  | Heating                              |                     | 4.0                     |
| Air Flow Volume (m3/h)                           | Indoor unit (High/Medium/Low)        |                     | 1.350/1.000/900         |
|                                                  | Outdoor unit                         |                     | 3.600                   |
| Noise Level [dB(A)]                              | Indoor unit (Silent/Low/Medium/High) |                     | 28/35/39/43             |
|                                                  | Outdoor unit                         |                     | 56                      |
| Sound Power Level [dB(A)]                        |                                      | Indoor/Outdoor Unit | 64/69                   |
| Fuses Outdoor (A)                                |                                      |                     | 1x25                    |
| Fuses Indoor (A)                                 |                                      |                     | -                       |
| Signal Wires (Noxmm2)                            |                                      |                     | 4x1.5                   |
| Dimensions (WxDxH) (mm)                          | Indoor Unit                          |                     | 408x435x1.810           |
|                                                  | Outdoor Unit                         |                     | 890x340x705             |
| Net Weight (kg)                                  |                                      | Indoor/Outdoor Unit | 26.5/43.5               |
| Liquid Line  Gas Line                            |                                      |                     | 1/4"   1/2"             |
| Refrigerant/Charge (g)                           |                                      |                     | R32/1.500               |
| Operation Temperature Range (°C) Cooling/Heating |                                      |                     | -10~43/-10~24           |

Floor Standing

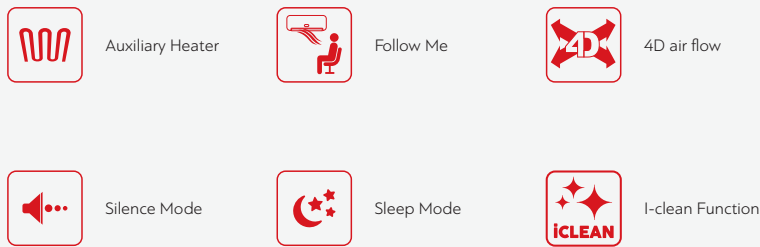
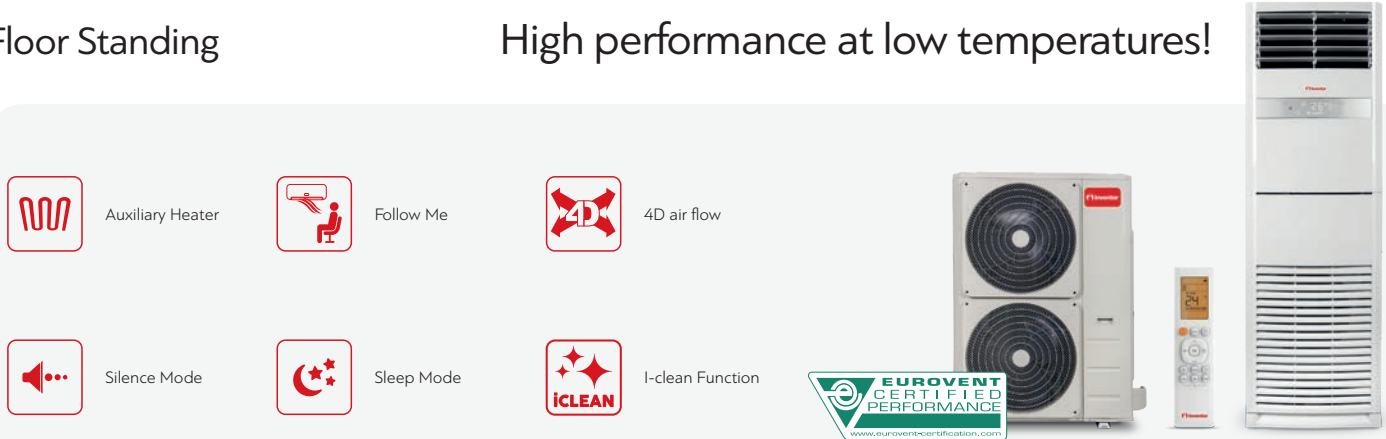
Even temperature distribution in your room!



| Model                                             |                               |                   | V6FI-60 / V6FO-60      |
|---------------------------------------------------|-------------------------------|-------------------|------------------------|
| Cooling Capacity (Btu/h)                          |                               |                   | 48.000 (12.000-53.500) |
| Cooling Capacity (kWatt)                          |                               |                   | 14.07 (3.52-15.68)     |
| Heating Capacity (Btu/h)                          |                               |                   | 55.000 (14.000-61.000) |
| Heating Capacity (kWatt)                          |                               |                   | 16.12 (4.10-17.88)     |
| EER                                               |                               |                   | 2.84                   |
| COP                                               |                               |                   | 3.16                   |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                       | Pdesign (kW)      | 14.0                   |
|                                                   |                               | Energy Class      | A++                    |
|                                                   |                               | SEER              | 6.1                    |
|                                                   | Heating<br>(Middle Zone)      | Pdesign (kW)      | 10.8                   |
|                                                   |                               | Energy Class      | A+                     |
|                                                   |                               | SCOP              | 3.7                    |
|                                                   | Heating<br>(Warm Zone)        | Pdesign (kW)      | 11.0                   |
|                                                   |                               | Energy Class      | A+++                   |
|                                                   |                               | SCOP              | 5.1                    |
| Voltage/Frequency/Phase (V/Hz/Ph)                 |                               |                   | 380-415/50/3           |
| Current Input (A)                                 | Cooling                       | 8.00 (1.90-10.30) |                        |
|                                                   | Heating                       | 8.50 (1.90-10.50) |                        |
| Power Input (kW)                                  | Cooling                       | 4.95 (0.90-5.95)  |                        |
|                                                   | Heating                       | 5.10 (1.00-6.20)  |                        |
| Air Flow Volume (m3/h)                            | Indoor unit (High/Medium/Low) | 2.413/2.222/2.027 |                        |
|                                                   | Outdoor unit                  | 7.500             |                        |
| Noise Level [dB(A)]                               | Indoor unit (Low/Medium/High) | 47/49/53          |                        |
|                                                   | Outdoor unit                  | 67                |                        |
| Sound Power Level [dB(A)]                         | Indoor/Outdoor Unit           | 67/72             |                        |
| Outdoor Fuses (A)                                 |                               |                   | 3x25                   |
| Indoor Fuses (A)                                  |                               |                   | -                      |
| Signal Wires (Noxmm2)                             |                               |                   | 4 x 1.5                |
| Dimensions (WxDxH) (mm)                           | Indoor Unit                   | 629x456x1.935     |                        |
|                                                   | Outdoor Unit                  | 952x415x1.333     |                        |
| Net Weight (kg)                                   | Indoor/Outdoor Unit           | 58.4/106.7        |                        |
| Liquid Line  Gas Line                             |                               |                   | 3/8"   5/8"            |
| Refrigerant/Charge (g)                            |                               |                   | R32/2.900              |
| Operation Temperature Range (°C) Cooling/Heating  |                               |                   | -15~50/-15~24          |

Floor Standing

High performance at low temperatures!



| Model                                             |                                  |                        | V5MFI-66B / V5MFO-66            |
|---------------------------------------------------|----------------------------------|------------------------|---------------------------------|
| Cooling Capacity (Btu/h)                          |                                  |                        | 55.000 (16.500-63.250)          |
| Cooling Capacity (kWatt)                          |                                  |                        | 16.12 (4.84-18.54)              |
| Heating Capacity (Btu/h)                          |                                  |                        | 58.000 (17.400-69.600) + 12.000 |
| Heating Capacity (kWatt)                          |                                  |                        | 17.0 (5.1-20.4) +3.52           |
| EER                                               |                                  |                        | 2.70                            |
| COP                                               |                                  |                        | 3.61                            |
| Seasonal Efficiency<br>(In accordance to EN14825) | Cooling                          | Pdesign (kW)           | 14.7                            |
|                                                   |                                  | Energy Class           | A++                             |
|                                                   |                                  | SEER                   | 5.7                             |
|                                                   | Heating<br>(Middle Zone)         | Pdesign (kW)           | 11.6                            |
|                                                   |                                  | Energy Class           | A+                              |
|                                                   |                                  | SCOP                   | 4.0                             |
|                                                   | Heating<br>(Warm Zone)           | Pdesign (kW)           | 12.6                            |
|                                                   |                                  | Energy Class           | A+++                            |
|                                                   |                                  | SCOP                   | 5.1                             |
| Voltage/Frequency/Phase (V/Hz/Ph)                 |                                  |                        | 380-415/50/3                    |
| Current Input (A)                                 | Cooling                          | 10.2 (2.6-13.2)        |                                 |
|                                                   | Heating                          | 8.1 (2.0-10.5) +9.3    |                                 |
| Power Input (kW)                                  | Cooling                          | 5.97 (1.49-7.73)       |                                 |
|                                                   | Heating                          | 4.71 (1.18-6.09) +3.50 |                                 |
| Air Flow Volume (m3/h)                            | Indoor unit<br>(High/Medium/Low) | 2.285/1.927/1.479      |                                 |
|                                                   | Outdoor unit                     | 7.200                  |                                 |
| Noise Level [dB(A)]                               | Indoor unit<br>(Low/Medium/High) | 49/54/58               |                                 |
|                                                   | Outdoor unit                     | 62.5                   |                                 |
| Sound Power Level [dB(A)]                         | Indoor/Outdoor Unit              | 67/75                  |                                 |
| Outdoor Fuses (A)                                 |                                  |                        | 3x25                            |
| Indoor Fuses (A)                                  |                                  |                        | 3x16                            |
| Signal Wires (Noxmm2)                             |                                  |                        | 3 x 1.0                         |
| Dimensions<br>(WxDxH) (mm)                        | Indoor Unit                      | 610x390x1.925          |                                 |
|                                                   | Outdoor Unit                     | 952x410x1.333          |                                 |
| Net Weight (kg)                                   | Indoor/Outdoor Unit              | 60.8/112.8             |                                 |
| Liquid Line  Gas Line                             |                                  |                        | 3/8"   5/8"                     |
| Refrigerant/Charge (g)                            |                                  |                        | R410A/4.300                     |
| Operation Temperature Range (°C) Cooling/Heating  |                                  |                        | -15~50/-15~24                   |

# Advanced solutions for complete control & management!

## BUILDING MANAGEMENT SYSTEM (BMS) CONNECTIVITY

Effortlessly connect with the Building Management System (BMS) to gain full control over your building's operations. With ideal integration of Inventor air conditioning units, alongside ventilation, lighting, and security, you can monitor and adjust settings in real time to meet your specific needs. This smart system not only lowers operational costs but also detects issues instantly and minimizes human error with its automated functionalities, ensuring your building operations runs efficiently at all times.

### ADVANTAGES OF BMS

1. Full control of Inventor air conditioners connected to the system via the Modbus RTU communication protocol\*.
2. Monitoring and adjustment of air conditioner operations remotely according to evolving needs.
3. Immediate fault detection and, consequently, swift issue resolution.
4. Automation of functions to reduce the likelihood of human error.
5. Energy savings and, by extension, operational cost reduction for the enterprise.

*\*Purchase of a gateway is required.*



## **inventor** MY PARTNER

### THE MOST USEFUL APP FOR EVERY TECHNICIAN!

The Inventor My PARTNER app is designed for professionals requiring instant information. This application provides to qualified technicians seamless and direct access to user manuals and essential technical data for installation, maintenance, or first level diagnose. It allows technicians to effortlessly search for compatible spare parts, ensuring a swift process with no waiting time.

#### Everything you need during installation or repair:

- | IDU/ODU dimensions, mounting feet distances
- | Power Supply wires/fuse and signal wires
- | Refrigerant type, charge, liquid/gas piping, elevation, length
- | Error Codes explanation

#### Troubleshooting Guides:

- | No need to look for service manuals anymore
- | Full step-by-step guide, on how to resolve each error

#### Part Compatibility Lists:

- | Easy spare-part SKU searchor
  - With any part of code
  - With description
  - With unit model name
- | Find all compatible units
- | Photos to facilitate and eliminate mistakes

#### In depth documentation:

- | IDU/ODU spare-part lists and exploded views
- | For multi systems, IDU/ODU combinations
- | WIFI modules compatibility lists

# Portables

## TECHNOLOGY FOR FLEXIBLE SOLUTIONS

Discover the perfect cooling and heating solution for small spaces with Inventor portable air conditioners. Designed for homes with limited room for permanent installations, these units offer flexible, efficient cooling and heating without the need for a fixed setup. With the included window kit, installation is quick and hassle-free. Enjoy ideal conditions year-round, effortlessly and economically, whether in summer or winter. Perfect for your vacation house or any space in need of easy climate control.



Magic



Vertical Installation



Horizontal Installation

| Model                                    |         | M3GCO290-09    | M3GHP290-12  |
|------------------------------------------|---------|----------------|--------------|
| Cooling Capacity (Btu/h)                 |         | 9.000          | 12.000       |
| Cooling Capacity (kWatt)                 |         | 2.64           | 3.52         |
| Heating Capacity (Btu/h)                 |         | -              | 10.000       |
| Heating Capacity (kWatt)                 |         | -              | 2.93         |
| Energy Class (Cooling/Heating)           |         | A              | A/A+         |
| EER                                      |         | 2.7            | 2.6          |
| COP                                      |         | -              | 2.8          |
| Voltage / Frequency / Phase (V/Hz/Ph)    |         | 220-240/50/1   | 220-240/50/1 |
| Current Input (A)                        | Cooling | 4.3            | 5.9          |
|                                          | Heating | -              | 5            |
| Power Input (kW)                         | Cooling | 0.97           | 1.35         |
|                                          | Heating | -              | 1.05         |
| Air Flow Volume (High/Medium/Low) (m³/h) |         | 398/366/352    | 420/370/355  |
| Dehumidifying Volume (L/day)             |         | 2.3            | 81           |
| Noise Level (Low/Medium/High) [dB(A)]    |         | 51.2/51.5/52.4 | 50.6/51.3/52 |
| Sound Power Level [dB(A)]                |         | 62             | 64           |
| Compressor Type                          |         | ROTARY         | ROTARY       |
| Dimensions (WxDxH) (mm)                  |         | 454x365x700    | 467x397x765  |
| Net Weight (kg)                          |         | 29.5           | 33.2         |
| Refrigerant / Charge (g)                 |         | R290/190       | R290/220     |

# Dehumidifiers

## TECHNOLOGY FOR A HEALTHY ATMOSPHERE

Inventor dehumidifiers are designed to create a healthier environment by removing excess moisture, improving air quality, and eliminating germs, dust, and bacteria. Featuring innovative Advanced Technology, they «think» for you, automatically adjusting to the conditions in your home. They also prevent mold growth on surfaces like furniture, clothing, and walls, while maintaining the ideal humidity level for a more comfortable atmosphere.



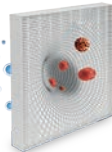
### STARDUST

Technology that excels, design that impresses!



HEPA H11  
97,79%

SD-20L-F



DC Inverter  
Fan Motor



Dehumidifier  
& Air Purifier



HEPA Filter  
97.79%

| Model                               | SD-IONINV-20L |
|-------------------------------------|---------------|
| Dehumidifying Capacity (L/24 hours) | 20            |
| Power Consumption (W)               | 260           |
| Noise Level [dB(A)]                 | 35            |
| Water Tank (L)                      | 4.8           |

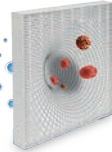
### ATMOSPHERE XL

Dehumidifier & air purifier for a proven healthy atmosphere!



HEPA H11  
97,79%

ATM-25L-F



Dehumidifier  
& Air Purifier



Ultraviolet Type C  
technology & Ionizer



HEPA Filter  
97.79%

| Model                               | AT-IONUV-25L |
|-------------------------------------|--------------|
| Dehumidifying Capacity (L/24 hours) | 25           |
| Power Consumption (W)               | 270          |
| Noise Level [dB(A)]                 | 39           |
| Water Tank (L)                      | 2.9          |

Rating conditions: Dehumidifying Capacity: 30°C - 80%RH / Power Consumption 26,7°C - 60%RH

COMFORT



Advanced technologies for healthy atmosphere & energy saving!

|                                     |  |  |  |               |
|-------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|                                     | Smart Dehumidification                                                            | Auto Fan Mode                                                                      | Autonomous Air Purifier Function                                                    |               |
| Model                               | CF-WUHI -16L                                                                      | CF-WUHIB -16L                                                                      | CF-WUHI -20L                                                                        | CF-WUHIB -20L |
| Dehumidifying Capacity (L/24 hours) | 16                                                                                | 16                                                                                 | 20                                                                                  | 20            |
| Power Consumption (W)               | 279                                                                               | 279                                                                                | 285                                                                                 | 285           |
| Noise Level [dB(A)]                 | 39                                                                                | 39                                                                                 | 39                                                                                  | 39            |
| Water Tank (L)                      | 3.8                                                                               | 3.8                                                                                | 3.8                                                                                 | 3.8           |

COMFORT



Freshness, comfort, and energy saving that can make a difference!

|                                     |  |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                     | Ionizer                                                                             | Smart Dehumidification                                                              | Clothes Drying                                                                      |
| Model                               | CF-ION-10L                                                                          | CF-ION-12L                                                                          |                                                                                     |
| Dehumidifying Capacity (L/24 hours) | 10                                                                                  | 12                                                                                  |                                                                                     |
| Power Consumption (W)               | 160                                                                                 | 175                                                                                 |                                                                                     |
| Noise Level [dB(A)]                 | 35                                                                                  | 36                                                                                  |                                                                                     |
| Water Tank (L)                      | 1.6                                                                                 | 1.6                                                                                 |                                                                                     |

SMART



Flexibility and comfort, to the maximum!

|                                     |  |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                     | Clothes Drying Smart Sensor                                                         | Antibacterial Protection                                                            | 4D Swing Louver                                                                     |
| Model                               | SMR-25L                                                                             |                                                                                     |                                                                                     |
| Dehumidifying Capacity (L/24 hours) | 25                                                                                  |                                                                                     |                                                                                     |
| Power Consumption (W)               | 247                                                                                 |                                                                                     |                                                                                     |
| Noise Level [dB(A)]                 | 39                                                                                  |                                                                                     |                                                                                     |
| Water Tank (L)                      | 4.0                                                                                 |                                                                                     |                                                                                     |

COMBO



Smart, powerful dehumidifier tailored to your needs!

|                                     |  |  |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|                                     | Smart Design                                                                        | Large 12 litre water tank with 4 levels of selection                                 | Ultraviolet Type C technology & Ionizer                                               |  |
| Model                               | CB-WUI-20L                                                                          |                                                                                      |                                                                                       |  |
| Dehumidifying Capacity (L/24 hours) | 20                                                                                  |                                                                                      |                                                                                       |  |
| Power Consumption (W)               | 280                                                                                 |                                                                                      |                                                                                       |  |
| Noise Level [dB(A)]                 | 41                                                                                  |                                                                                      |                                                                                       |  |
| Water Tank (L)                      | 12                                                                                  |                                                                                      |                                                                                       |  |



Desiccant dehumidifier suitable for areas with insufficient heating!

|                                     |  |  |  |
|-------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                     | ZeoGen Technology                                                                     | Ultraviolet Type C technology & Ionizer                                               | Humidity Light Indicator                                                              |
| Model                               | RS-WUI-08L                                                                            |                                                                                       |                                                                                       |
| Dehumidifying Capacity (L/24 hours) | 8                                                                                     |                                                                                       |                                                                                       |
| Power Consumption (W)               | 30/330/650*                                                                           |                                                                                       |                                                                                       |
| Noise Level [dB(A)]                 | 39                                                                                    |                                                                                       |                                                                                       |
| Water Tank (L)                      | 2.5                                                                                   |                                                                                       |                                                                                       |

Rating conditions: Dehumidifying Capacity: 30°C - 80%RH / Power Consumption 26,7°C - 60%RH

Rating conditions: Dehumidifying Capacity: 30°C - 80%RH / Power Consumption 26,7°C - 60%RH

\*Power Consumption 30W in fan mode / 330W in ECO mode / 650W in TURBO mode.

# Air Purifiers

## TECHNOLOGY FOR COMFORT & IDEAL CONDITIONS

Transform the air quality in your space with an Inventor air purifier. Enjoy a fresher, healthier atmosphere as our advanced filtration system works efficiently to enhance air purity. With multiple filtration stages, low energy consumption, HEPA filters, and smart sensor indicators, Inventor's air purifiers provide exceptional performance and peace of mind, ensuring your environment is always clean and comfortable.



### QUALITY 300



HEPA 97,5%

Pleasant & healthy environment!

HEPA Filter  
97.5%

4 Air Filtration Stages  
& Ionizer

Sensors

| Model                       | QLT-300        |
|-----------------------------|----------------|
| Air Filtration Capacity     | HEPA H11 97,5% |
| Power Consumption (W)       | 4/6/11/19      |
| CADR (m³/h)                 | 300            |
| Noise Level [db(A)]         | 29/30/39/45/50 |
| Room Coverage up to (m²/m³) | 45/135         |
| Filtration Stages           | 4              |
| Fan Speeds                  | 4              |

### QUALITY 550



True HEPA H13 99,97%

Upgraded air quality!

HEPA Filter  
H13 99.97%

6 Air Filtration Stages  
& Ionizer

Double Filtration  
System

| Model                       | QLT-550                |
|-----------------------------|------------------------|
| Air Filtration Capacity     | True HEPA H13 - 99.97% |
| Power Consumption (W)       | 4/6/10/23/35           |
| CADR (m³/h)                 | 550                    |
| Noise Level [db(A)]         | 26/31/38/49/54         |
| Room Coverage up to (m²/m³) | 85/255                 |
| Filtration Stages           | 6                      |
| Fan Speeds                  | 5                      |

### QUALITY 700



True HEPA H13 99,97%

Superior air quality, suitable for large spaces!

HEPA Filter  
99.97%

6 Air Filtration Stages  
& Ionizer

Double Filtration  
System

| Model                       | QLT-700                |
|-----------------------------|------------------------|
| Air Filtration Capacity     | True HEPA H13 - 99.97% |
| Power Consumption (W)       | 4/8/16/29/48           |
| CADR (m³/h)                 | 700                    |
| Noise Level [db(A)]         | 30/43/46/51/56         |
| Room Coverage up to (m²/m³) | 100/300                |
| Filtration Stages           | 6                      |
| Fan Speeds                  | 5                      |



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For possible differentiations, you may contact the Inventor Customer Service Department at +30 211 300 3300, [service@inventor.ac](mailto:service@inventor.ac).

*The wiring specifications for air conditioners and air-to-water heat pumps should always comply with the local regulations and requirements.*