

# R32 EVI Full DC Inverter

## Heating & Cooling Heat Pump



Air Source Heat Pump



Panasonic Compressor



Cooling & Heating



WiFi Control



Touch Control



R32 Refrigerant

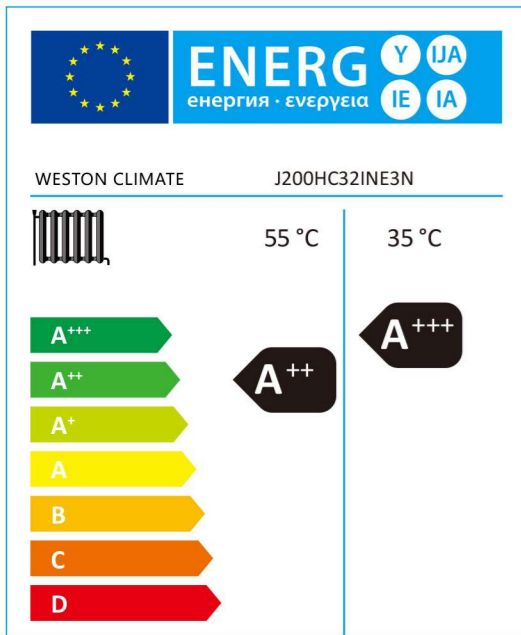
### R32 EVI Full DC Inverter

### HEATING & COOLING HEAT PUMP

| Model                                 | JM95HC                | JM120HC | JM150HC       | JM200HC       | JM220HC |      |
|---------------------------------------|-----------------------|---------|---------------|---------------|---------|------|
| Heating Capacity Range (kW)           | 2-9.5                 | 2.8-12  | 3.5-15        | 4.5-20        | 5-22    |      |
| Heating (A7/6°C, W30/35°C)            | Heating Capacity (kW) | 9.5     | 11.5          | 15.2          | 19.5    | 22   |
|                                       | Power Input (kW)      | 2.18    | 2.60          | 3.53          | 4.51    | 5.13 |
|                                       | COP (W/W)             | 4.35    | 4.4           | 4.31          | 4.32    | 4.29 |
| Heating (A-12°C, W36/41°C)            | Heating Capacity (kW) | 6.83    | 7.8           | 10.2          | 12.8    | 14.6 |
|                                       | Power Input (kW)      | 2.79    | 3.12          | 3.91          | 4.96    | 5.77 |
|                                       | COP (W/W)             | 2.45    | 2.52          | 2.61          | 2.58    | 2.53 |
| Heating (A7/6°C, W40/45°C)            | Heating Capacity (kW) | 9.4     | 11.4          | 14.8          | 19.2    | 21.8 |
|                                       | Power Input (kW)      | 2.72    | 3.37          | 4.30          | 5.45    | 6.23 |
|                                       | COP (W/W)             | 3.45    | 3.38          | 3.44          | 3.52    | 3.5  |
| Heating (A7/6°C, W47/55°C)            | Heating Capacity (kW) | 9.2     | 11.3          | 14.17         | 18.1    | 21.3 |
|                                       | Power Input (kW)      | 3.14    | 3.79          | 4.87          | 5.99    | 7.15 |
|                                       | COP (W/W)             | 2.93    | 2.98          | 2.91          | 3.02    | 2.98 |
| Cooling (A35/24°C, W23/18°C)          | Cooling Capacity (kW) | 8.6     | 10.4          | 13.3          | 16.82   | 17.8 |
|                                       | Power Input (kW)      | 2.51    | 2.96          | 3.73          | 4.65    | 4.97 |
|                                       | EER (W/W)             | 3.43    | 3.51          | 3.57          | 3.62    | 3.58 |
| Cooling (A35/24°C, W12/7°C)           | Cooling Capacity (kW) | 7.8     | 8.9           | 11.2          | 13.1    | 13.5 |
|                                       | Power Input (kW)      | 2.84    | 3.28          | 4.10          | 4.75    | 4.95 |
|                                       | EER (W/W)             | 2.75    | 2.71          | 2.73          | 2.76    | 2.73 |
| Rated water flow (m³/h)               | 1.5                   | 2.06    | 2.6           | 3.44          | 3.78    |      |
| Rated voltage /Frequency (V/Hz)       | 220V~240V/50Hz/60Hz   |         |               |               |         |      |
| Operating Air Temp. (°C)              | -35~43                |         |               |               |         |      |
| Net Dimensions (L/W/H) (mm)           | 1127/475/810          |         | 1127/475/960  | 1127/475/1360 |         |      |
| Package Dimensions (L/W/H) (mm)       | 1195/535/960          |         | 1195/535/1110 | 1195/535/1510 |         |      |
| Net Weight (Kg)                       | 91                    | 92      | 103           | 120           | 120     |      |
| Gross Weight (Kg)                     | 106                   | 107     | 120           | 145           | 145     |      |
| Loading quantity 20GP/40GP,40HQ (pcs) | 44/96/96              |         |               | 22/48/48      |         |      |

| Model                                 | JM95HC3N              | JM120HC3N | JM150HC3N     | JM200HC3N     | JM220HC3N | JM260HC3N     | JM320HC3N |       |
|---------------------------------------|-----------------------|-----------|---------------|---------------|-----------|---------------|-----------|-------|
| Heating Capacity Range (kW)           | 2-9.5                 | 2.8-11.5  | 3.5-15.2      | 4.5-19.5      | 5-22      | 13.1-26       | 16.6-32   |       |
| Heating (A7/6°C, W30/35°C)            | Heating Capacity (kW) | 9.5       | 11.5          | 15.2          | 20        | 22            | 26        | 32    |
|                                       | Power Input (kW)      | 2.18      | 2.60          | 3.53          | 4.63      | 5.13          | 6.16      | 7.69  |
|                                       | COP (W/W)             | 4.35      | 4.4           | 4.31          | 4.32      | 4.29          | 4.22      | 4.16  |
| Heating (A-12°C, W36/41°C)            | Heating Capacity (kW) | 6.83      | 7.8           | 10.2          | 12.8      | 14.6          | 17.2      | 19.4  |
|                                       | Power Input (kW)      | 2.79      | 3.12          | 3.91          | 4.96      | 5.77          | 6.88      | 7.95  |
|                                       | COP (W/W)             | 2.45      | 2.52          | 2.61          | 2.58      | 2.53          | 2.5       | 2.44  |
| Heating (A7/6°C, W40/45°C)            | Heating Capacity (kW) | 9.4       | 11.4          | 14.8          | 19.2      | 21.8          | 24.7      | 30.5  |
|                                       | Power Input (kW)      | 3.14      | 3.37          | 4.30          | 5.45      | 6.23          | 7.04      | 8.79  |
|                                       | COP (W/W)             | 2.93      | 3.38          | 3.44          | 3.52      | 3.5           | 3.51      | 3.47  |
| Heating (A7/6°C, W47/55°C)            | Heating Capacity (kW) | 9.2       | 11.3          | 14.17         | 18.1      | 21.3          | 24.2      | 29.3  |
|                                       | Power Input (kW)      | 3.14      | 3.79          | 4.87          | 5.99      | 7.15          | 8.29      | 10.10 |
|                                       | COP (W/W)             | 2.93      | 2.98          | 2.91          | 3.02      | 2.98          | 2.92      | 2.9   |
| Cooling (A35/24°C, W23/18°C)          | Cooling Capacity (kW) | 8.6       | 10.4          | 13.3          | 16.82     | 17.8          | 19.5      | 24.1  |
|                                       | Power Input (kW)      | 2.51      | 2.96          | 3.73          | 4.65      | 4.97          | 5.70      | 7.13  |
|                                       | EER (W/W)             | 3.43      | 3.51          | 3.57          | 3.62      | 3.58          | 3.42      | 3.38  |
| Cooling (A35/24°C, W12/7°C)           | Cooling Capacity (kW) | 7.8       | 8.9           | 11.2          | 13.1      | 13.5          | 15.6      | 18.6  |
|                                       | Power Input (kW)      | 2.84      | 3.28          | 4.10          | 4.75      | 4.95          | 5.82      | 7.02  |
|                                       | EER (W/W)             | 2.75      | 2.71          | 2.73          | 2.76      | 2.73          | 2.68      | 2.65  |
| Rated water flow (m³/h)               | 1.5                   | 2.06      | 2.6           | 3.44          | 3.78      | 4.47          | 5.5       |       |
| Rated voltage /Frequency (V/Hz)       | 380V~415V/50Hz/60Hz   |           |               |               |           |               |           |       |
| Operating Air Temp. (°C)              |                       |           |               |               |           |               |           |       |
| Net Dimensions (L/W/H) (mm)           | 1127/475/810          |           | 1127/475/960  | 1127/475/1360 |           | 1127/475/1360 |           |       |
| Package Dimensions (L/W/H) (mm)       | 1195/535/960          |           | 1195/535/1110 | 1195/535/1510 |           | 1195/535/1710 |           |       |
| Net Weight (Kg)                       | 91                    | 92        | 103           | 120           | 150       | 160           | 160       |       |
| Gross Weight (Kg)                     | 106                   | 107       | 120           | 145           | 180       | 190           | 190       |       |
| Loading quantity 20GP/40GP,40HQ (pcs) | 44/96/96              |           |               | 22/48/48      |           |               |           |       |

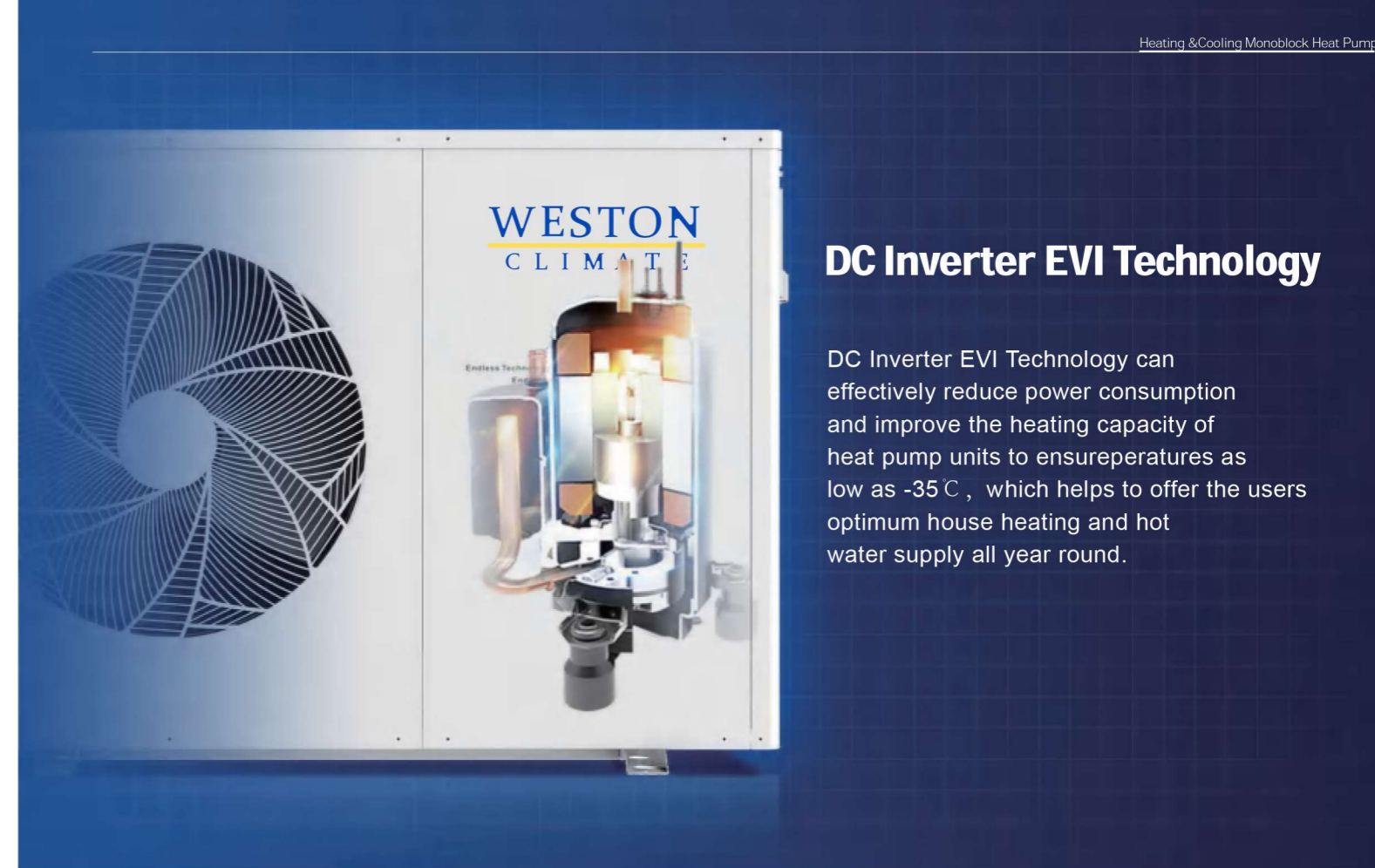
## Super High Efficiency A+++



Targeting the European market, the Hero-Premium Series air-to-water heat pump is specially developed through cutting-edge energy-saving technology to reach the highest A+++ energy rating to meet the stringent requirements for energy efficiency. With the top A+++ energy efficiency level, the HeroPremium series stands at the forefront of the heat pump market, contributing to environmental protection while significantly reducing energy bills for customers.

## R32 Refrigerant

R32 contributes greatly to environmental protection since it has a low GWP of 675 which is just 32% of R410A. In the same heat pump system, with lower liquid density, the charge amount of R32 is less than that of R410A, which brings in higher economic efficiency. The heat needed to evaporate R32 is greater than that of R410A so that the required mass flow rate per unit is smaller and the COP is higher. HeroPremium Series not only takes care of your family but also contributes to protecting the earth.



## DC Inverter EVI Technology

DC Inverter EVI Technology can effectively reduce power consumption and improve the heating capacity of heat pump units to ensure temperatures as low as -35 °C, which helps to offer the users optimum house heating and hot water supply all year round.

## Advanced Performance

| WESTON CLIMATE | J200HC32INE3N |
|----------------|---------------|
| 55 °C          | 35 °C         |
| A+++           | A++           |

With the most advanced full DC inverter and EVI technology Panasonic compressor that can operate stably under ultra-low temperature. Meet the EU energy efficiency standard A+++ / A++ level.

## Multi color options



## RS485

It is highlighted with central control system as a RS485 serial port is designed for communications in every unit.

## -35°C Ultra Low Temperature

It can be installed in an environment of -35 degree celcius, and its technology with EVI is specially designed for ultra-low temperature. At the same time, it has a soft start function for winter use, which brings you a comfortable experience while protecting the machine.