

# DELUXE



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification :  
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Embedded  
Wi-Fi



Smart  
Diagnosis



Active  
Energy  
Control



Energy  
Display



Plasmaster<sup>®</sup>  
Ionizer<sup>PLUS</sup>



Plasmaster<sup>®</sup>  
Auto Cleaning



Jet Cool



4 Way  
Swing



Fast  
Heating



Gold Fin™



Comfort  
Air



Low Noise  
19dB  
(9k, 12k)



Silent  
Mode



Quick  
& Easy  
Installation

## • Single Combination

| INDOOR                            |                            |                   |                     | DC09RQ NSJ             | DC12RQ NSJ             | DC18RQ NSK           | DC24RQ NSK           |
|-----------------------------------|----------------------------|-------------------|---------------------|------------------------|------------------------|----------------------|----------------------|
| Capacity                          | Cooling                    | Min / Rated / Max | W                   | 890 / 2,500 / 3,700    | 890 / 3,500 / 4,040    | 900 / 5,000 / 5,500  | 900 / 6,600 / 7,420  |
|                                   | Heating                    | Min / Rated / Max | W                   | 890 / 3,200 / 5,000    | 890 / 4,000 / 6,000    | 900 / 5,800 / 6,400  | 900 / 7,500 / 8,640  |
|                                   | Heating -7°C               | Rated             | W                   | 3,200                  | 3,500                  | 4,200                | 6,000                |
| Power Input                       | Cooling                    | Rated             | W                   | 572                    | 933                    | 1,562                | 2,164                |
|                                   | Heating                    | Rated             | W                   | 711                    | 976                    | 1,611                | 2,238                |
| EER                               |                            |                   | W/W                 | 4.37                   | 3.75                   | 3.20                 | 3.05                 |
| S.E.E.R.                          |                            |                   |                     | 7.9                    | 7.6                    | 7.0                  | 6.9                  |
| P design C                        |                            |                   | kW                  | 2.5                    | 3.5                    | 5.0                  | 6.6                  |
| COP                               |                            |                   | W/W                 | 4.5                    | 4.1                    | 3.60                 | 3.35                 |
| S.C.O.P. (Average / Warmer)       |                            |                   |                     | 4.6 / 5.4              | 4.6 / 5.4              | 4.3 / 5.3            | 4.3 / 5.3            |
| P design H (Average / Warmer)     |                            |                   | kW                  | 2.8 / 1.5              | 2.9 / 1.5              | 3.9 / 2.1            | 5.0 / 2.7            |
| Energy Label<br>(A+++ to D Scale) | Cooling                    |                   |                     | A++                    | A++                    | A++                  | A++                  |
|                                   | Heating (Average / Warmer) |                   |                     | A++ / A+++             | A++ / A+++             | A+ / A+++            | A+ / A+++            |
| Annual Energy<br>Consumption      | Cooling                    |                   | kWh                 | 111                    | 161                    | 250                  | 335                  |
|                                   | Heating (Average / Warmer) |                   | kWh                 | 852 / 389              | 883 / 389              | 1,270 / 555          | 1,628 / 713          |
| Sound Pressure                    | Cooling                    | S / L / M / H     | dB(A)               | 19 / 27 / 37 / 42      | 19 / 27 / 37 / 42      | 31 / 34 / 39 / 44    | 31 / 34 / 42 / 47    |
|                                   | Heating                    | L / M / H         | dB(A)               | 27 / 37 / 42           | 27 / 37 / 42           | 34 / 39 / 44         | 34 / 42 / 47         |
| Sound Power                       | Cooling                    | Power             | dB(A)               | 60                     | 60                     | 60                   | 65                   |
|                                   | Heating                    | Power             | dB(A)               | 60                     | 60                     | 60                   | 65                   |
| Air Flow Rate                     | Cooling                    | S / L / M / H     | m <sup>3</sup> /min | 3.5 / 5.5 / 9.0 / 11.0 | 3.5 / 5.5 / 9.0 / 11.0 | 80 / 105 / 130 / 145 | 80 / 105 / 131 / 161 |
|                                   | Heating                    | Max (Power)       | m <sup>3</sup> /min | 13.0                   | 13.0                   | 15.5                 | 20.0                 |
| Dehumidification Rate             | Cooling                    | L / M / H         | m <sup>3</sup> /min | 6.5 / 9.0 / 11.0       | 6.5 / 9.0 / 11.0       | 11.0 / 13.5 / 16.0   | 10.5 / 13.1 / 16.1   |
|                                   | Heating                    | L / M / H         | l/h                 | 1.1                    | 1.3                    | 1.8                  | 2.5                  |
| Running Current                   | Cooling                    | Rated             | A                   | 2.5                    | 4.0                    | 6.9                  | 9.8                  |
|                                   |                            | Max               | A                   | 6.0                    | 6.0                    | 9.0                  | 14.0                 |
|                                   | Heating                    | Rated             | A                   | 3.2                    | 4.3                    | 7.1                  | 10.4                 |
|                                   |                            | Max               | A                   | 7.0                    | 7.0                    | 9.5                  | 14.0                 |
| Starting Current                  | Cooling / Heating          | Rated             | A                   | 2.5 / 3.2              | 4.0 / 4.3              | 6.9 / 7.1            | 9.8 / 10.4           |
| Power Supply                      |                            |                   | Ø,V/Hz              | 1, 220-240, 50         | 1, 220-240, 50         | 1, 220-240, 50       | 1, 220-240, 50       |
| Circuit Breaker                   |                            |                   | A                   | 15                     | 15                     | 20                   | 25                   |
| Power Supply Cable                |                            |                   | N x mm <sup>2</sup> | 3 x 1.0                | 3 x 1.0                | 3 x 1.5              | 3 x 2.5              |
| Power & Transmission Cable        |                            |                   | N x mm <sup>2</sup> | 4 x 1.0                | 4 x 1.0                | 4 x 1.0              | 4 x 1.0              |
| Dimension                         |                            |                   | mm                  | 837 x 308 x 189        | 837 x 308 x 189        | 998 x 345 x 210      | 998 x 345 x 210      |
| Net Weight                        |                            |                   | kg                  | 9.1                    | 9.1                    | 11.9                 | 12.7                 |
| Fan Motor Output                  |                            |                   | W                   | 30                     | 30                     | 30                   | 60                   |

| OUTDOOR           |                    |              |                      | DC09RQ UL2      | DC12RQ UL2      | DC18RQ UL2      | DC24RQ U24      |
|-------------------|--------------------|--------------|----------------------|-----------------|-----------------|-----------------|-----------------|
| Operation Range   | Cooling            | Min/Max      | °CDB                 | -15 / 48        | -15 / 48        | -15 / 48        | -15 / 48        |
|                   | Heating            | Min/Max      | °CDB                 | -15 / 24        | -15 / 24        | -10 / 24        | -10 / 24        |
| Sound Pressure    | Cooling            | High         | dB(A)                | 49              | 49              | 53              | 54              |
|                   | Heating            | High         | dB(A)                | 51              | 51              | 55              | 57              |
| Sound Power       | Cooling            | High         | dB(A)                | 65              | 65              | 65              | 70              |
|                   | Heating            | High         | dB(A)                | 65              | 65              | 65              | 70              |
| Air Flow Rate     | Cooling            | High         | m <sup>3</sup> /min  | 35              | 35              | 35              | 50              |
|                   | Heating            | High         | m <sup>3</sup> /min  | 35              | 35              | 35              | 50              |
| Piping            | Length(Odu/Idu)    | Min/Max      | m                    | 3 / 20          | 3 / 20          | 3 / 20          | 3 / 30          |
|                   | Elevation(Odu/Idu) | Max          | m                    | 10              | 10              | 10              | 15              |
| Piping Connection | Liquid             | OD (Outside) | mm(inch)             | 6.35 (1/4)      | 6.35 (1/4)      | 6.35 (1/4)      | 6.35 (1/4)      |
|                   | Gas                | OD (Outside) | mm(inch)             | 9.52 (3/8)      | 9.52 (3/8)      | 12.7 (1/2)      | 15.88 (5/8)     |
| Drain Hose Size   | Liquid             | OD (Outside) | mm(inch)             | 21.5 (0.85)     | 21.5 (0.85)     | 21.5 (0.85)     | 21.5 (0.85)     |
|                   | Gas                | OD (Outside) | mm(inch)             | 21.5 (0.85)     | 21.5 (0.85)     | 21.5 (0.85)     | 21.5 (0.85)     |
| Refrigerant       | Type               |              |                      | R32             | R32             | R32             | R32             |
|                   | Charge at 7.5m     |              | kg                   | 0.800           | 0.800           | 1.000           | 1.100           |
|                   | Additional charge  |              | t-CO <sub>2</sub> eq | 0.540           | 0.540           | 0.675           | 0.743           |
|                   | GWP                |              | g/m                  | 20              | 20              | 20              | 20              |
| Fan Motor Output  |                    |              | W                    | 675             | 675             | 675             | 675             |
| Compressor Type   |                    |              |                      | 43              | 43              | 43              | 85              |
| Net Weight        |                    |              | kg                   | Twin Rotary     | Twin Rotary     | Twin Rotary     | Twin Rotary     |
| Dimension         |                    |              | mm                   | 34.1            | 34.1            | 34.4            | 46.0            |
|                   |                    |              |                      | 770 x 545 x 288 | 770 x 545 x 288 | 770 x 545 x 288 | 870 x 650 x 330 |

These products contains Fluorinated greenhouse gases (R32), GWP : Global warming potential of R32 is 675 (t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000)

S : Sleep / L : Low / M : Medium / H : High

Specification, design and feature are subject to change without prior notice.