



## TECHNICAL SPECIFICATIONS:

| UNIT MODEL                   |                   | GJ07-6NM       | GJ09-6NM       | GJ12-6NM     | GJ18-6NM     | GJ24-6NM     |
|------------------------------|-------------------|----------------|----------------|--------------|--------------|--------------|
| <b>WHOLE PART SECTION</b>    |                   |                |                |              |              |              |
| Rated horse power            | HP                | 0.75           | 1.0            | 1.5          | 2.0          | 2.5          |
| Cooling capacity             | W                 | 2200           | 2600           | 3640         | 5500         | 6650         |
|                              | kJ/h              | 7922           | 9362.07        | 13103.1      | 19798.13     | 23937.95     |
| EER                          | (kJ/h)/W          | 11.52          | 10.55          | 11.52        | 11.02        | 10.98        |
| Power supply                 | Volts             | 230            | 230            | 230          | 230          | 230          |
| Frequency                    | Hz                | 60             | 60             | 60           | 60           | 60           |
| Phases                       | --                | 1              | 1              | 1            | 1            | 1            |
| Cooling Power input          | W                 | 690            | 887            | 1137         | 1796         | 2180         |
| Cooling Current              | A                 | 3              | 4.2            | 5.2          | 8.0          | 9.8          |
| Rated input                  | W                 | 1194           | 1270           | 1600         | 2200         | 2800         |
| Rated current                | A                 | 5.24           | 6.4            | 8            | 11           | 14.5         |
| Airflow volume (H/M/L)       | m <sup>3</sup> /h | 370/340/310    | 370/340/310    | 520/470/420  | 780/720/640  | 1000/920/840 |
| Dehumidifying volume         | L/h               | 0.74           | 1.0            | 1.40         | 2.10         | 2.60         |
| Application area             | m <sup>2</sup>    | 7-12           | 12-18          | 16-24        | 23-34        | 27-42        |
| <b>FAN SECTION</b>           |                   |                |                |              |              |              |
| Fan Diameter Length(D×L)     | mm                | φ180×80        | φ180×80        | φ205.5×111   | φ197.6×111   | φ224.7×109.8 |
| Cooling speed                | r/min             | 1110/1000/890  | 1110/1000/890  | 930/850/770  | 1010/950/870 | 1060/980/900 |
| Fan Motor Power Output       | W                 | 50             | 50             | 45           | 120          | 190          |
| Fan Motor RLA                | A                 | 0.41           | 0.41           | 0.43         | 1.12         | 1.4          |
| Fan Motor Capacitor          | μF                | 3.5            | 3.5            | 3.5          | 5            | 7            |
| <b>EVAPORATOR SECTION</b>    |                   |                |                |              |              |              |
| Evaporator Pipe Diameter     | mm                | φ7             | φ7             | φ7           | φ7           | φ7           |
| Evaporator Row-fin Gap       | mm                | 3-1.3          | 3-1.3          | 2-1.3        | 2-1.2        | 2-1.2        |
| Coil Length (L×D×W)          | mm                | 285.7×38.1×247 | 285.7×38.1×247 | 330×25.4×324 | 419×381×25.4 | 419×381×25.4 |
| <b>PARAMETER INFORMATION</b> |                   |                |                |              |              |              |
| Swing Motor Power Output     | W                 | 1.5            | 1.5            | 1.5          | 4            | 4            |
| Fuse Current                 | A                 | 3.15           | 3.15           | 3.15         | 3.15         | 3.15         |
| Set Temperature Range        | °C                | 16~30          | 16~30          | 16~30        | 18~30        | 18~30        |
| <b>BASIC INFORMATION</b>     |                   |                |                |              |              |              |
| Sound pressure level (H/M/L) | dB(A)             | 50/48/46       | 50/48/46       | 50/48/46     | 54/52/50     | 58/56/54     |
| Actual dimension (W×H×D)     | mm                | 450×350×580    | 450×350×580    | 560×375×668  | 660×428×700  | 660×428×770  |
| Package dimension (L×W×H)    | mm                | 671×521×374    | 671×521×374    | 766×623×425  | 793×739×505  | 863×739×505  |
| Stacked Layers               | -                 | -              | -              | -            | -            | -            |
| Net weight                   | kg                | 28.5           | 32.5           | 38           | 51           | 58           |
| Gross weight                 | kg                | 31.5           | 35.5           | 41           | 55           | 62           |

PRODUCT WARRANTY: 12 years on compressor, 3 years on parts and 1 year on service.



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| <b>COMPRESSOR SECTION</b>                                       |                   |              |              |                |                 |                |
| Compressor RLA  | A                 | 2.8          | 3.5          | 4.2            | 7.15            | 6              |
| Compressor power input  | W                 | 599          | 750          | 930            | 1618            | 1730           |
| <b>FAN SECTION</b>  |                   |              |              |                |                 |                |
| Fan Diameter  | mm                | φ310         | φ310         | φ353           | φ391            | φ396           |
| Fan Motor Speed   | rpm               | -            | -            | 930/850/770    | 1010/950/870    | 1060/980/900   |
| Fan Motor Power Output  | W                 | -            | -            | 45             | 120             | 190            |
| Fan Motor RLA   | A                 | -            | -            | 0.43           | 1.12            | 1.4            |
| Fan Motor Capacitor   | μF                | -            | -            | 3.5            | 5               | 7              |
| Outdoor Unit Air Flow Volume                                    | m <sup>3</sup> /h | 535          | 500          | 850            | 1600            | 1800           |
| <b>CONDENSER SECTION</b>  |                   |              |              |                |                 |                |
| Condenser Pipe Diameter   | mm                | φ5           | φ5           | φ5             | φ5              | φ5             |
| Condenser Rows-fin Gap  | mm                | 3-1.2        | 3-1.2        | 2-1.3          | 2-1.3           | 3-1.3          |
| Coil Length (L×D×W)   | mm                | 364×34.2×305 | 364×34.2×305 | 612×22.8×342.9 | 688×22.8×400.05 | 839.2×34.2×400 |
| <b>PARAMETER INFORMATION</b>                                    |                   |              |              |                |                 |                |
| Permissible Excessive Operating Pressure for the Discharge Side | P.S.I             | 623.662      | 623.662      | 623.662        | 623.662         | 623.662        |
| Permissible Excessive Operating Pressure for the Suction Side   | P.S.I             | 362.594      | 362.594      | 362.594        | 362.594         | 362.594        |
| Maximum Allowable Pressure                                      | P.S.I             | 623.662      | 623.662      | 623.662        | 623.662         | 623.662        |
| Cooling Operation Ambient Temperature Range                     | °C                | 18~43        | 18~43        | 18~43          | 18~43           | 18~43          |
| <b>ADDITIONAL INFORMATION</b>                                   |                   |              |              |                |                 |                |
| Sound pressure level (H/M/L)                                    | dB(A)             | 57/55/53     | 57/55/53     | 57/55/53       | 62/60/58        | 63/61/59       |
| Refrigerant   | -                 | R32          | R32          | R32            | R32             | R32            |
| Refrigerant Charge  | kg                | 0.34         | 0.37         | 0.39           | 0.5             | 0.76           |
| <b>LOADING QUANTITY</b>   |                   |              |              |                |                 |                |
| Loading Quantity 40'GP / 40'HQ                                  | unit              | 444 / 518    | 444 / 518    | 285 / 342      | 184 / 230       | 164 / 205      |



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|-----------------------------------|----------|----------|----------|----------|----------|
| <b>FUNCTION</b>                   |          |          |          |          |          |
| Auto                              | NO       | NO       | NO       | NO       | NO       |
| Cooling                           | YES      | YES      | YES      | YES      | YES      |
| Heating                           | NO       | NO       | NO       | NO       | NO       |
| Auxiliary Heating                 | NO       | NO       | NO       | NO       | NO       |
| Dehumidify                        | NO       | NO       | NO       | NO       | NO       |
| Sleep                             | NO       | NO       | NO       | NO       | NO       |
| Timer                             | NO       | NO       | NO       | NO       | NO       |
| Auto Swing(Vertical Auto Swing)   | NO       | NO       | NO       | NO       | NO       |
| Auto Swing(Horizontal Auto Swing) | YES      | YES      | YES      | YES      | YES      |
| Auto Swing(4-Dimension Swing)     | NO       | NO       | NO       | NO       | NO       |
| Energy Saving                     | NO       | NO       | NO       | NO       | NO       |
| Air Flow                          | YES      | YES      | YES      | YES      | YES      |
| Rapid Cooling                     | NO       | NO       | NO       | NO       | NO       |
| Rapid Heating                     | NO       | NO       | NO       | NO       | NO       |
| Memory                            | NO       | NO       | NO       | NO       | NO       |
| Auto Fan                          | NO       | NO       | NO       | NO       | NO       |
| Quiet Design                      | NO       | NO       | NO       | NO       | NO       |
| I Feel                            | NO       | NO       | NO       | NO       | NO       |
| Turbo Cooling                     | NO       | NO       | NO       | NO       | NO       |
| Anion                             | NO       | NO       | NO       | NO       | NO       |
| Cold Plasma                       | NO       | NO       | NO       | NO       | NO       |
| High-Voltage Electrostatic Dedust | NO       | NO       | NO       | NO       | NO       |
| CO Detection                      | NO       | NO       | NO       | NO       | NO       |
| Oxygen Generator                  | NO       | NO       | NO       | NO       | NO       |
| Filter Dirty Alarm                | NO       | NO       | NO       | NO       | NO       |
| Low Ambient Cooling               | NO       | NO       | NO       | NO       | NO       |
| Low Ambient Heating               | NO       | NO       | NO       | NO       | NO       |
| Soft Start                        | NO       | NO       | NO       | NO       | NO       |
| Low Voltage Startup               | NO       | NO       | YES      | YES      | YES      |
| Compressor With Electric Heater   | NO       | NO       | NO       | NO       | NO       |
| Chassis With Electric Heater      | NO       | NO       | NO       | NO       | NO       |
| Intelligent Preheating            | NO       | NO       | NO       | NO       | NO       |
| Dry Anti-Mildew Design            | NO       | NO       | NO       | NO       | NO       |
| Intelligent Open-Close Panel      | NO       | NO       | NO       | NO       | NO       |
| Self Diagnosis                    | NO       | NO       | NO       | NO       | NO       |
| Chord System                      | NO       | NO       | NO       | NO       | NO       |
| Ventilation                       | YES      | YES      | YES      | YES      | YES      |
| Several Optional Filters          | YES      | YES      | NO       | YES      | YES      |
| LCD                               | NO       | NO       | NO       | NO       | NO       |
| LCD Back Light                    | NO       | NO       | NO       | NO       | NO       |