



## SUBMITTAL DATA

## 8-way Cassette Indoor Unit 12KBTU

**Model: GKH(12)EB-D6DNA1A/I**

Job Name

Purchaser

Submitted to

Unit Designation

Location

Date

Engineer

For

Schedule No.



### GENERAL FEATURES:

- Decorative Grille (Sold Separately)
- Quiet Operation
- Multi-Speed Fan
- 8-way Discharge Air
- Internal Condensate Drain Pump
- Swing Louver
- Both Wireless & Wired Remote Controllers
- Power Failure Recovery
- Sentry Condensate Overflow Protection



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## SPECIFICATIONS & FUNCTIONS:

| Product Model                                 | GKH(12)EB-D6DNA1A/I |                                           |
|-----------------------------------------------|---------------------|-------------------------------------------|
| Product Type                                  | --                  | Cassette                                  |
| Rated Voltage                                 | V                   | 208/230                                   |
| Min/Max. Voltage                              | V                   | 187/253                                   |
| Cooling Capacity                              | Btu/h               | 12000                                     |
| Heating Capacity                              | Btu/h               | 12000                                     |
| Air Flow Volume                               | CFM                 | 330/318/288/265/247/224/206               |
| Sound Pressure Level                          | dB (A)              | 40/38/36/34/32/30/29                      |
| Rated Dehumidification Capacity               | L/h                 | 1.4                                       |
| Dehumidifying Volume                          | Pint/h              | 3                                         |
| Cross-sectional Area of Power Cable Conductor | mm <sup>2</sup>     | 0.82                                      |
| Cross-sectional Area of Power Cable Conductor | sq in               | 0.001271                                  |
| Recommended Power Cable (Core)                | N                   | 4                                         |
| Fuse Current                                  | A                   | 3.15                                      |
| Fan Type                                      | -                   | Centrifugal                               |
| Fan Quantity                                  | -                   | 1                                         |
| Fan Diameter-height                           | mm                  | φ315-162.5                                |
| Motor Model                                   | -                   | B-FN30C-ZL                                |
| Motor Insulation Class                        | -                   | E                                         |
| Motor Safe Class                              | -                   | IP20                                      |
| Motor Full Load Amp (FLA)                     | A                   | 0.97                                      |
| Fan Motor Speed (Cooling)                     | r/min               | 700/660/600/560/520/480/440               |
| Fan Motor Speed (Heating)                     | r/min               | 700/660/600/560/520/480/440               |
| Fan Motor Power Output                        | W                   | 30                                        |
| Fan Motor Power Input                         | W                   | 35                                        |
| Evaporator Material                           | -                   | Inner Groove Copper Tube-<br>Aluminum fin |
| Evaporator Face Area                          | m <sup>2</sup>      | 0.27                                      |
| Evaporator Face Area                          | sq.ft               | 2.9                                       |
| Evaporator Pipe Diameter                      | mm                  | φ7                                        |
| Evaporator Number of Rows                     | -                   | 2                                         |
| Evaporator Tube Pitch(a)×Row Pitch(b)         | mm                  | 19.05×12.7                                |
| Evaporator Fin Pitch                          | mm                  | 1.6                                       |
| Evaporator Fins per Inch (FPI)                | -                   | 16                                        |
| Evaporator Fin Type                           | -                   | Hydrophilic window                        |
| Evaporator Fin Color                          | -                   | Blue                                      |
| Evaporator Number of Circuits                 | -                   | 4                                         |
| Evaporator Length (L×H×W)                     | mm                  | 1176×228.6×25.4                           |
| Evaporator Max. Allowable Pressure            | MPa                 | 10                                        |
| Air Filter                                    | -                   | PP                                        |
| Air Filter Size (L×W/NO.)                     | inch                | 14.49×13.89/1                             |
| Standard Software and Controller              | -                   | YAP1F7F(WIFI)                             |
| Optional Software and Controller              | -                   | XE73-44/E                                 |
| Gas Pipe (to indoor unit)                     | inch                | 3/8"                                      |
| Liquid pipe                                   | inch                | 1/4"                                      |
| Connection method                             | -                   | Flare Connection                          |
| Drain Connection (outer diameter)             | inch                | φ0.98                                     |
| Dimension of Outline (W×D×H)                  | inch                | 22.44×22.44×10.43                         |
| Dimension of Carton Box (L×W×H)               | inch                | 27.36×25.59×11.02                         |
| Dimension of Package (L×W×H)                  | inch                | 27.48×25.71×11.61                         |
| Stacked Layers                                | -                   | 9                                         |
| Net Weight                                    | lb.                 | 37.5                                      |
| Gross Weight                                  | lb.                 | 48.5                                      |

| Functions                                        | GKH(12)EB-D6DNA1A/I        |
|--------------------------------------------------|----------------------------|
| Auto                                             | YES                        |
| Cooling                                          | YES                        |
| Heating                                          | YES                        |
| Dehumidify                                       | YES                        |
| Air Flow                                         | YES                        |
| Sleep                                            | Three kinds of sleep curve |
| Vertical Auto Swing                              | YES                        |
| Horizontal Auto Swing                            | NO                         |
| Auto Fan                                         | YES                        |
| Quiet                                            | YES                        |
| I Feel                                           | YES                        |
| Intelligent Preheating                           | YES                        |
| Ventilation                                      | NO                         |
| Dry Anti-mildew Design                           | YES                        |
| Several Optional Filters (e.g.: Active Carbon)   | NO                         |
| Auto Clean                                       | NO                         |
| Replaceable Front Panel                          | NO                         |
| Outdoor Air Available                            | NO                         |
| High Static Pressure                             | NO                         |
| Common Static Pressure                           | YES                        |
| Low Static Pressure                              | NO                         |
| Timer Feature                                    | YES                        |
| Memory                                           | YES                        |
| Turbo                                            | YES                        |
| Clock                                            | YES                        |
| Temperature                                      | YES                        |
| Self-Diagnosis                                   | YES                        |
| Lock                                             | YES                        |
| LCD (No Back Light)                              | YES                        |
| LCD (Back Light)                                 | NO                         |
| LED                                              | YES                        |
| Intelligent Defrosting                           | YES                        |
| Force Defrosting                                 | YES                        |
| Energy Saving                                    | YES                        |
| 8°C Heating Mode                                 | YES                        |
| Turbo Cooling                                    | YES                        |
| Low Ambient Cooling                              | Optional                   |
| Low Ambient Heating                              | Optional                   |
| Low Voltage Startup                              | YES                        |
| Multi Speeds                                     | Speed 7                    |
| With Access Control System                       | YES                        |
| With Water Pump                                  | YES                        |
| Switchover Between High and Low Static Pressures | NO                         |
| Optional Ambient Temperature Sensor              | YES                        |
| External Electronic Expansion Valve              | NO                         |