

FAIRY DC Inverter Ecodesign – Technical Specifications

| Sr No | Parameter | | Unit | FAIRY 9K | FAIRY 12K | FAIRY 18K | FAIRY 24K |
|------------------------|--------------------------|---|-------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | Model | | | GWH09ACC-K6DNA1A | GWH12ACC-K6DNA1D | GWH18ACD-K6DNA1D | GWH24ACE-K6DNA1A |
| 1 | Power Supply | Voltage/ Frequency/Phases | V~/Hz | 220-240/50/1 | 220-240/50/1 | 220-240/50/1 | 220-240/50/1 |
| 2 | Cooling Capacity | | W-Btu/h | 2700 - 9212 | 3500 - 11942 | 5200 - 17742 | 7000 - 23884 |
| 3 | Heating Capacity | | W-Btu/h | 3000 - 10236 | 3670 - 12522 | 5300 - 18084 | 7400 - 25249 |
| 4 | EER | | W/W | 3.35 | 3.23 | 3.40 | 3.68 |
| 5 | COP | | W/W | 3.85 | 3.71 | 3.76 | 3.90 |
| 6 | SEER | | W/W | 6.80 | 7.00 | 7.0 | 6.50 |
| 7 | Energy Class | | -- | A++/A+++ | A++/A+++ | A++/A+++ | A++/A+++ |
| 8 | Air Flow Volume | | m ³ /h | 610/570/470/420/390 | 680/620/490/420/390 | 800/720/610/520/470 | 1250/1100/950/850/750 |
| 9 | Dehumidifying Volume | | L/h | 0.80 | 1.40 | 1.80 | 2.40 |
| 10 | Application Area | | m ² | 12-18 | 16-24 | 23-34 | 27-42 |
| 11 | Indoor Unit | Cooling Speed | r/min | 1200/1100/1050/950/900/850/800 | 1350/1200/1100/1000/920/850/800 | 1230/1150/1080/980/900/850/800 | 1250/1150/1050/950/900/850/800 |
| 12 | | Heating Speed | r/min | 1150/1100/1050/1000/950/900/850 | 1300/1200/1120/1050/980/900/850 | 1350/1250/1150/1050/980/900/850 | 1250/1150/1050/1000/950/900/850 |
| 13 | | Sound Pressure Level | dB (A) | 40/37/32/28/26 | 42/38/34/29/26 | 45/43/38/34/31 | 48/45/39/36/33 |
| 14 | | Net Weight | kg | 11 | 11 | 13.5 | 17.5 |
| 15 | Outdoor Unit | Outdoor Unit Model | -- | GWH09ACC-K6DNA1A/O | GWH12QC-K6DNA1D/O | GWH18QD-K6DNA1D/O | GWH24QE-K6DNA1E/O |
| 16 | | Compressor RLA | A | 4.6 | 4.6 | 6.5 | 11.7 |
| 17 | | Compressor Power Input | W | 790 | 1023 | 1410 | 2420 |
| 18 | | Cooling Operation Ambient Temperature Range | °C | -15~43 | -15~43 | -15~43 | -15~43 |
| 19 | | Heating Operation Ambient Temperature Range | °C | -15~24 | -15~24 | -15~24 | -15~24 |
| 20 | | Sound Pressure Level | dB (A) | 50 | 52 | 57 | 57 |
| 21 | | Dimension (W×H×D) | mm | 782×540×320 | 848×596×320 | 965×700×396 | 963×700×396 |
| 22 | | Net Weight | kg | 27.5 | 31 | 45 | 53.5 |
| 23 | Refrigerant/Charge | kg | R32/0.55 | R32/0.7 | R32/1 | R32/1.7 | |
| 24 | Connection Pipe | Length/Gas Additional Charge | m-g/m | 5/16 | 5/16 | 5/16 | 5/50 |
| 25 | | Outer Diam. Liquid Pipe/Gas Pipe | mm | φ6/9.52 | φ6/9.52 | φ6/12 | φ6/16 |
| 26 | | Max. Height/Length Distance | m | | | | |
| Air Condition Function | | | | | | | |
| 30 | General Control Function | Auto /Timer | | YES | YES | YES | YES |
| 31 | | Cooling /Heating/Dehumidify | | YES | YES | YES | YES |
| 32 | | Sleep | | Three kinds of sleep curve | Three kinds of sleep curve | Three kinds of sleep curve | Three kinds of sleep curve |
| 33 | | Energy Saving | | YES | YES | YES | YES |
| 34 | | Memory /Auto Fan | | YES | YES | YES | YES |
| 35 | | Quiet Design/I Feel/Auto Fan | | YES | YES | YES | YES |
| 36 | | Turbo Cooling | | YES | YES | YES | YES |
| 37 | | Cold Plasma | | YES | YES | YES | YES |
| 38 | | Self Diagnosis | | YES | YES | YES | YES |
| 39 | LCD Back Light | | YES | YES | YES | YES | |