

Airwell


HFD

SPLITS & MULTISPLITS
WALL MOUNTED

DC INVERTER



TECHNOLOGY

| Energy | | Air-conditioner |
|--|-------------------|-----------------|
| Manufacturer | Airwell | |
| Outside unit | G27 12000W | |
| Inside unit | HFD 307 | |
| More efficient | A | |
| A | | |
| B | | |
| C | | |
| D | | |
| E | | |
| F | | |
| G | | |
| Less efficient | | |
| Annual energy consumption kWh in cooling mode | 2.25 | |
| Energy efficiency ratio | 3.20 | |
| Type | Cooling only | |
| | Cooling + Heating | |
| | Air cooled | |
| | Water cooled | |
| Heat output | 3.20 | |
| Heating performance | 3.60 | |
| Noise | 38 | |
| Further information is contained in product brochures | | |
|  | | |

FLEXIBILITY AND COMFORT OF USE, SET TEMPERATURE QUICKLY REACHED, SILENT OPERATION, AMBIENT TEMPERATURE OPTIMALLY MAINTAINED AND ENERGY SAVINGS MAKE HFD DCI AN EXCEPTIONAL RANGE.

Never has technology gone so far to provide optimum user comfort. Technology and innovation have never been so far in optimising comfort to users. The HFD DC INVERTER combines a modern look thanks to its flat front panel and streamlined design and HIGH-TECH technology. Its innovative design, rare sobriety and elegance allow these wall-mounted units to fit into any kind of decoration.

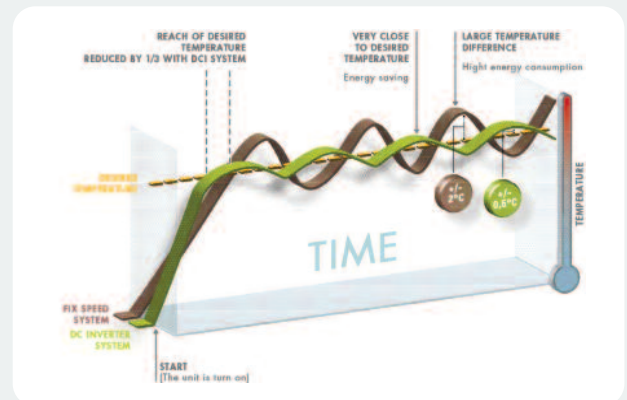
The last DC INVERTER technology combined with the use of the R410A green fluid allows for optimum operation (energy efficiency class A) and exceptional performance. (Heat mode operation down to -15°C).



The **HFD** wall-mounted split unit range is available with the ecologically friendly fluid **R410A**. This provides high energy efficiency, while preserving the ozone layer, and is easily recyclable. Its high density and high energy efficiency make for high performance coefficients, thereby providing significant energy savings.

THE INVERTER TECHNOLOGY COMPRISES:

- A DC INVERTER type variable power compressor that provides better regulation and temperature control.
- 30% energy saving.
- Ultra silent operation
- Heat mode operation down to -15°C.



RC7 INFRARED REMOTE CONTROL

With its compact size and carefully designed ergonomics, the Airwell infrared remote control offers excellent user comfort. It allows the user to programme numerous sophisticated functions such as: selection of 3 different fan/ventilation speeds, flap sweep function, night time slow running, timer settings, energy savings function, "I feel" function... By simply pressing a single key, the desired temperature can be very accurately obtained and controlled.



HFD DCI

Splits Wall Mounted DC INVERTER

PRODUCT BENEFITS

- Technology DC Inverter. Flexibility and comfort of use • Extended operating range • Optimal efficiency : Class A Energy label (depending on models) • Reduced noise levels • High performance filtration • Electronic regulation and programming • Automatic treated air sweeping • Optimum temperature regulation • Heating mode operation down to outdoor temperatures of -15°C • Compatible with DUO 38, TRIO 52 DCI • Supplied with RC7 remote control.

MONOSPLITS CONFIGURATIONS

INDOOR UNITS

HFD 007/009 DCI



HFD 012/018 DCI



OUTDOOR UNITS

GCD 007/009/012



GCD 018



PRODUCT BENEFITS

- DUO 38 DCI - Configurations 7-7 / 7-9 / 7-12 / 9-9 & 9-12 • TRIO 52 DCI - Configurations 7-7-7 / 7-7-9 / 7-7-12 / 7-9-9 / 7-9-12 / 9-9-9 / 9-9-12 • R410A "green" fluid • DC Inverter Scroll compressor (TRIO 52 DCI) • Compact outdoor units • Class A energy label • Heating mode operation down to outdoor temperatures of -15° C • Optimal temperature regulation • Silent running.

BI-SPLITS CONFIGURATIONS

DUO 38 DCI



EXAMPLES OF POSSIBLE CONFIGURATIONS

7/7



9/9



9/12



TRI-SPLITS CONFIGURATIONS

TRIO 52 DCI



EXAMPLES OF POSSIBLE CONFIGURATIONS

7/7/7



7/7/9



7/7/12



7/9/12



9/9/9



9/9/12



HFD DCI

Splits Wall Mounted DC INVERTER

| | | HFD 007 | HFD 009 | HFD 012 | HFD 018 | DUO 38 DCI | TRIO 52 DCI |
|-----------------------------------|--------------------------------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | Indoor units | HFD 007 | HFD 009 | HFD 012 | HFD 018 | | |
| | Outdoor units | GC 7 DCI | GCD 009 | GCD 012 | GCD 018 | DUO 38 DCI | DUO 52 DCI |
| Cooling | Capacity | kW 2.2 (0.9-2.6) | 2.5 (0.9-3.2) | 3.5 (0.9-4.0) | 5.0 (1.4-5.5) | 3.9 (1.5-5.5) | 5.2 (1.0-6.5) |
| | Input power | kW 0.66 | 0.73 | 1.03 | 1.56 | 1.14 | 1.60 |
| | EER/Energy Label | 3.33 / A | 3.41 / A | 3.40 / A | 3.21 / A | 3.42 / A | 3.25 / A |
| | Operating limits | °C 10° / 46° Dry Bulb | 0° / 46° Dry Bulb | 0° / 46° Dry Bulb | 10° / 46° Dry Bulb | -10° / 46° Dry Bulb | -10° / 46° Dry Bulb |
| Heating | Capacity | kW 2.2 (1.0-3.1) | 2.5 (1.0-3.7) | 3.5 (1.2-4.2) | 5.3 (1.6-5.9) | 4.5 (1.2-6.2) | 6.8 (1.0-7.3) |
| | Input power | kW 0.60 | 0.69 | 0.69 | 1.55 | 1.24 | 1.75 |
| | COP/Energy Label | 3.68 / A | 3.61 / A | 3.64 / A | 3.42 / B | 3.62 / A | 3.89 / A |
| | Operating limits | °C -15° / 24° Dry Bulb | -15° / 24° Dry Bulb | -15° / 24° Dry Bulb | -15° / 24° Dry Bulb | - | - |
| Indoor units | Sound pressure level to 1 m | dB(A) 28/33/36 | 32/35/39 | 29/33/39 | 34/41/44 | - | - |
| | Sound power level ¹ | dB(A) 43/46/51 | 45/48/52 | 42/46/54 | 47/54/56 | - | - |
| | Airflow ¹ | m ³ /h 300/350/400 | 270/350/420 | 350/450/550 | 480/620/720 | - | - |
| | Dehumidification | l/h 0.9 | 1 | 1.5 | 2 | - | - |
| | Dimensions (WxDxH) | mm 680x185x250 | 680x185x250 | 840x185x250 | 900x205x295 | - | - |
| | Weight | kg 7 | 7 | 8 | 11 | - | - |
| Outdoor units | Sound pressure level to 1 m | dB(A) 54 | 54 | 55 | 53 | 53 | 56 |
| | Sound power level | dB(A) 64 | 64 | 65 | 63 | 63 | 67 |
| | Airflow | m ³ /h 1390 | 1390 | 1390 | 2160 | 2160 | 2860 |
| | Compressor type | Rotary DC Inverter | Rotary DC Inverter | Rotary DC Inverter | Scroll DC Inverter | Rotary DC Inverter | Scroll DC Inverter |
| | Dimensions (WxDxH) | mm 760x245x545 | 760x245x545 | 760x245x545 | 795x290x610 | 795x290x610 | 846x302x690 |
| | Weight | kg 35 | 36 | 37 | 38 | 38 | 48 |
| Power supply 1-230V - 50Hz | Power supply side | Indoor | Indoor | Indoor | Indoor | Outdoor | Outdoor |
| | Power cable section | mm ² 3x1.5 | 3x1.5 | 3x1.5 | 3x1.5 | 3x2.5 | 3x2.5 |
| | Fuse rating am | A 12 | 12 | 16 | 20 | 16 | 20 |
| | Electrical connections | mm ² 4x1.5 | 4x1.5 | 4x1.5 | 5x1.5 | 2 x (4x1.5) | 3 x (4x1.5) |
| Pipe line | Suction pipe diameter | inches 3/8" | 3/8" | 3/8" | 1/2" | 2 x 3/8" | 3 x 3/8" |
| | Liquid pipe diameter | inches 1/4" | 1/4" | 1/4" | 1/4" | 2 x 1/4" | 3 x 1/4" |
| | Max lenght | m 15 | 15 | 15 | 15 | 30 | 35 |
| | Max height | m 10 | 10 | 10 | 10 | 25 | 25 |
| | Max height between Out. U. | m - | - | - | - | 10 | 15 |
| | Max height between Ind. U. | m - | - | - | - | 5 | 5 |

¹ Data are relative to Low speed, Medium speed and High speed.

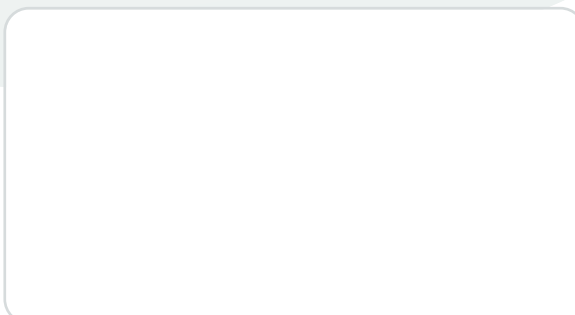
Nominal heating capacity: International conditions 20°C/12°C wet bulb - Outside air temperature: 7°C/6°C wet bulb.

Nominal cooling capacity: International conditions(NF EN 255.2 / 814.2 standards) - 27°C/19°C wet bulb - Outside air temperature: 35°C/24°C wet bulb.

Global acoustic pressure in dB(A)(1 m) at nominal conditions: outdoor unit in an open area against a reflective background - indoor unit : installation in an average sized room, (PV-0.5s reverberation).

Airwell

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