

# Airwell

■ Just feel well

## HJD 024 [ **ECODESIGN** ]

### High wall mono & premium multi / DC Inverter



2014 [ **EC COMPLY** ]

Unique solutions



- High wall line available in capacite 6.8 kW.
- Glossy designed unit.
- Wireless remote control included with option of wired control.
- DC Inverter and sine wave compressor drive technolgy.
- -15°C operating in heating.
- Cooling & heating operation mode.
- "I feel" function with precise room temperature control.
- Heating mode only as an option.



### PRODUCT ADVANTAGES

- > Multi layer air purification combine anti virus by sterionizer system and electrostatic filter for small particules 0.01  $\mu$ . that provides exceptional air quality.
- > Motorized air control in 4 directions right to left and up to down.
- > Possibility to connect to alarm output unit ON/OFF output human presence detector and group control.
- > Heating only mode force option.



RC08W

[ **EC COMPLY** ] Comply with ECO Design regulation

# Airwell Residential

## [ INFORMATION REQUIREMENTS ]

| AWAU-YBDE024-H11 / AWSI-HJD024-N11   |  |       |      |  |                 |          |                       |
|--|--|-------|------|--|-----------------|----------|-----------------------|
| Function (indicate if present)   |  |       |      | If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'. |                 |          |                       |
| Cooling  |  | Y     |      | Average (mandatory)  |                 | Y        |                       |
| Heating  |  | Y     |      | Warmer (if designated)   |                 | N        |                       |
|  |  |       |      | Colder (if designated)   |                 | N        |                       |
| Item   | symbol   | value | unit | Item   | symbol          | value    | unit                  |
| Design load  |  |       |      | Seasonal efficiency  |                 |          |                       |
| Cooling  | Pdesignc   | 6.8   | kW   | Cooling  | SEER            | 5.11     | -                     |
| Heating/Average  | Pdesignh   | 6.3   | kW   | Heating/Average  | SCOP(A)         | 3.80     | -                     |
| Heating/Warmer   | Pdesignh   | -     | kW   | Heating/Warmer   | SCOP(W)         | -        | -                     |
| Heating/Colder   | Pdesignh   | -     | kW   | Heating/Colder   | SCOP(C)         | -        | -                     |
| Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj            |  |       |      | Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj   |                 |          |                       |
| Tj = 35 °C   | Pdc  | 6.8   | kW   | Tj = 35 °C   | EERd            | 3.1      | -                     |
| Tj = 30 °C   | Pdc  | 5.2   | kW   | Tj = 30 °C   | EERd            | 4.7      | -                     |
| Tj = 25 °C   | Pdc  | 3.1   | kW   | Tj = 25 °C   | EERd            | 6.8      | -                     |
| Tj = 20 °C   | Pdc  | 2.5   | kW   | Tj = 20 °C   | EERd            | 8.2      | -                     |
| Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj |  |       |      | Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj   |                 |          |                       |
| Tj = - 7 °C  | Pdh  | 5.4   | kW   | Tj = - 7 °C  | COPd            | 2.3      | -                     |
| Tj = 2 °C  | Pdh  | 3.5   | kW   | Tj = 2 °C  | COPd            | 3.3      | -                     |
| Tj = 7 °C  | Pdh  | 2.2   | kW   | Tj = 7 °C  | COPd            | 5.1      | -                     |
| Tj = 12 °C   | Pdh  | 2.3   | kW   | Tj = 12 °C   | COPd            | 6.2      | -                     |
| Tj = bivalent temperature  | Pdh  | 5.4   | kW   | Tj = bivalent temperature  | COPd            | 2.3      | -                     |
| Tj = operating limit   | Pdh  | 5.1   | kW   | Tj = operating limit   | COPd            | 1.8      | -                     |
| Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj  |  |       |      | Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj  |                 |          |                       |
| Tj = 2 °C  | Pdh  | -     | kW   | Tj = 2 °C  | COPd            | -        | -                     |
| Tj = 7 °C  | Pdh  | -     | kW   | Tj = 7 °C  | COPd            | -        | -                     |
| Tj = 12 °C   | Pdh  | -     | kW   | Tj = 12 °C   | COPd            | -        | -                     |
| Tj = bivalent temperature  | Pdh  | -     | kW   | Tj = bivalent temperature  | COPd            | -        | -                     |
| Tj = operating limit   | Pdh  | -     | kW   | Tj = operating limit   | COPd            | -        | -                     |
| Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj  |  |       |      | Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj  |                 |          |                       |
| Tj = - 7 °C  | Pdh  | -     | kW   | Tj = - 7 °C  | COPd            | -        | -                     |
| Tj = 2 °C  | Pdh  | -     | kW   | Tj = 2 °C  | COPd            | -        | -                     |
| Tj = 7 °C  | Pdh  | -     | kW   | Tj = 7 °C  | COPd            | -        | -                     |
| Tj = 12 °C   | Pdh  | -     | kW   | Tj = 12 °C   | COPd            | -        | -                     |
| Tj = bivalent temperature  | Pdh  | -     | kW   | Tj = bivalent temperature  | COPd            | -        | -                     |
| Tj = operating limit   | Pdh  | -     | kW   | Tj = operating limit   | COPd            | -        | -                     |
| Tj = - 15 °C   | Pdh  | -     | kW   | Tj = - 15 °C   | COPd            | -        | -                     |
| Bivalent temperature   |  |       |      | Operating limit temperature  |                 |          |                       |
| Heating/Average  | Tbiv   | -7    | °C   | Heating/Average  | Tol             | -15      | °C                    |
| Heating/Warmer   | Tbiv   | -     | °C   | Heating/Warmer   | Tol             | -        | °C                    |
| Heating/Colder   | Tbiv   | -     | °C   | Heating/Colder   | Tol             | -        | °C                    |
| Power consumption of cycling   |  |       |      | Efficiency of cycling  |                 |          |                       |
| Cooling  | Pcycc  | -     | kW   | Cooling  | EERcyc          | -        | -                     |
| Heating  | Pcyh   | -     | kW   | Heating  | COPcyc          | -        | -                     |
| Degradation co-efficient cooling (**)  | Cdc  | -     | -    | Degradation co-efficient heating (**)  | Cdh             | -        | -                     |
| Electric power input in power modes other than 'active mode'   |  |       |      | Seasonal electricity consumption   |                 |          |                       |
| Off mode   | POFF   | -     | kW   | Cooling  | Q <sub>CE</sub> | 466      | kWh/a                 |
| Standby mode   | PSB  | 0.012 | kW   | Heating/Average  | Q <sub>HE</sub> | 2321     | kWh/a                 |
| Thermostat-off mode  | PTO  | 0.026 | kW   | Heating/Warmer   | Q <sub>HE</sub> | /        | kWh/a                 |
| Crankcase heater mode  | PCK  | -     | kW   | Heating/Colder   | Q <sub>HE</sub> | /        | kWh/a                 |
| Capacity control (indicate one of three options)   |  |       |      | Other items  |                 |          |                       |
| Fixed  |  | N     |      | Sound power level (indoor/outdoor)   | LWA             | 60/69    | dB(A)                 |
| Staged   |  | N     |      | Global warming potential   | GWP             | 1975     | kgCO <sub>2</sub> eq. |
| Variable   |  | Y     |      | Rated air flow (indoor/outdoor)  |                 | 960/3600 | m <sup>3</sup> /h     |
| Contact details for obtaining more information   | Airwell Residential S.A.S. - 1bis, avenue du 8 mai 1945 - 78200 GUYANCOURT France<br>Tél. +33 (0) 1 39 44 78 00 - airwell-residential@a-res.fr |       |      |  |                 |          |                       |

(\*) For staged capacity units, two values divided by a slash (/) will be declared in each box in the section 'Declared capacity of the unit' and 'declared EER/COP' of the unit.  
(\*\*) If default Cd = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.