

# Airwell

■ *Just feel well*

YBZE 4-30 [ **ECODESIGN** ]

Residential multi Quattro

2014 [ **EC COMPLY** ]



COMPATIBLE WITH

HZDE



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

**Airwell**  
Residential

## [ INFORMATION REQUIREMENTS ]

| AWAU-YBZE430-H11 / AWSI-HZDE009-N11 x 4  |  |             |      |  |                 |          |                       |
|--|--|-------------|------|--|-----------------|----------|-----------------------|
| 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   | 8.0         | kW   | Cooling  | SEER            | 5.10     | -                     |
| Heating/Average  | Pdesignh   | 7.0         | 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  | 7.8         | kW   | Tj = 35 °C   | EERd            | 3.0      | -                     |
| Tj = 30 °C   | Pdc  | 5.6         | kW   | Tj = 30 °C   | EERd            | 4.4      | -                     |
| Tj = 25 °C   | Pdc  | 4.0         | kW   | Tj = 25 °C   | EERd            | 6.5      | -                     |
| Tj = 20 °C   | Pdc  | 3.1         | kW   | Tj = 20 °C   | EERd            | 8.5      | -                     |
| 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  | 5.9         | kW   | Tj = - 7 °C  | COPd            | 2.0      | -                     |
| Tj = 2 °C  | Pdh  | 3.7         | kW   | Tj = 2 °C  | COPd            | 3.9      | -                     |
| Tj = 7 °C  | Pdh  | 2.6         | kW   | Tj = 7 °C  | COPd            | 4.8      | -                     |
| Tj = 12 °C   | Pdh  | 2.8         | kW   | Tj = 12 °C   | COPd            | 6.0      | -                     |
| Tj = bivalent temperature  | Pdh  | 5.9         | kW   | Tj = bivalent temperature  | COPd            | 2.0      | -                     |
| Tj = operating limit   | Pdh  | 5.7         | kW   | Tj = operating limit   | COPd            | 2.0      | -                     |
| 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             | -10      | °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  | Pcyhc  | -           | kW   | Heating  | COPcyc          | -        | -                     |
| Degradation co-efficient cooling (**)  | Cdc  | 0.25        | -    | Degradation co-efficient heating (**)  | Cdh             | 0.25     | -                     |
| Electric power input in power modes other than 'active mode'   |  |             |      | Seasonal electricity consumption   |                 |          |                       |
| Off mode   | POFF   | -           | kW   | Cooling  | Q <sub>CE</sub> | 549      | kWh/a                 |
| Standby mode   | PSB  | 0.008       | kW   | Heating/Average  | Q <sub>HE</sub> | 2579     | kWh/a                 |
| Thermostat-off mode  | PTO  | 0.149/0.015 | 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             | 56/68    | dB(A)                 |
| Staged   |  | N           |      | Global warming potential   | GWP             | 1975     | kgCO <sub>2</sub> eq. |
| Variable   |  | Y           |      | Rated air flow (indoor/outdoor)  |                 | 600/4000 | 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.