



INFORMATION SHEET FOR AIR CONDITIONERS, EXCEPT DOUBLE DUCTS AND SINGLE DUCTS⁽⁵⁾

As by Commission Communication in the framework of ecodesign requirements for air conditioners and comfort fans (EU Regulation no. 206/2012) and of energy labelling of air conditioners - (EU Regulation no. 626/2011)

MODEL : CHARM DUBBEL 14000 UE / CHARM DUBBEL 9000 UI + CHARM DUBBEL 12000 UI

| Function to which information applies | | | | If information applies to heating: heating season to which information relates. | | | |
|---|----------------------|---------|------|---|---------------------|-------|-----------------------|
| Cooling | | Y | | Heating (Average)(-10°C) | | | Y |
| Heating | | Y | | Heating (Warmer)(+2°C) | | | N |
| | | | | Heating (Colder)(-22°C) | | | N |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Design load | | | | Seasonal efficiency | | | |
| Cooling | P _{designc} | 4,1 | kW | Cooling | SEER | 6,1 | - |
| Heating (Average)(-10°C) | P _{designh} | 3,7 | kW | Heating (Average)(-10°C) | SCOP (A) | 4,0 | - |
| Heating (Warmer)(+2°C) | P _{designh} | - | kW | Heating (Warmer)(+2°C) | SCOP (W) | - | - |
| Heating (Colder)(-22°C) | P _{designh} | - | kW | Heating (Colder)(-22°C) | SCOP (C) | - | - |
| Declared capacity (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature T_j | | | | Declared Energy efficiency ratio (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature T_j | | | |
| T _j = 35°C | P _{dc} | 4,30 | kW | T _j = 35°C | EERd | 3,64 | - |
| T _j = 30°C | P _{dc} | 3,03 | kW | T _j = 30°C | EERd | 5,38 | - |
| T _j = 25°C | P _{dc} | 1,99 | kW | T _j = 25°C | EERd | 7,50 | - |
| T _j = 20°C | P _{dc} | 1,41 | kW | T _j = 20°C | EERd | 10,08 | - |
| Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature T_j | | | | Declared Coefficient of Performance (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature T_j | | | |
| T _j = -7°C | P _{dh} | 3,29 | kW | T _j = -7°C | COPd | 3,11 | - |
| T _j = 2°C | P _{dh} | 1,99 | kW | T _j = 2°C | COPd | 4,25 | - |
| T _j = 7°C | P _{dh} | 1,30 | kW | T _j = 7°C | COPd | 4,63 | - |
| T _j = 12°C | P _{dh} | 1,29 | kW | T _j = 12°C | COPd | 5,57 | - |
| T _j = bivalent temperature | P _{dh} | 3,29 | kW | T _j = bivalent temperature | COPd | 3,11 | - |
| T _j = operating limit temperature | P _{dh} | 3,51 | kW | T _j = operating limit temperature | COPd | 2,61 | - |
| Declared capacity (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature T_j | | | | Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature T_j | | | |
| T _j = 2°C | P _{dh} | - | kW | T _j = 2°C | COPd | - | - |
| T _j = 7°C | P _{dh} | - | kW | T _j = 7°C | COPd | - | - |
| T _j = 12°C | P _{dh} | - | kW | T _j = 12°C | COPd | - | - |
| T _j = bivalent temperature | P _{dh} | - | kW | T _j = bivalent temperature | COPd | - | - |
| T _j = operating limit temperature | P _{dh} | - | kW | T _j = operating limit temperature | COPd | - | - |
| Declared capacity (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature T_j | | | | Declared Coefficient of Performance (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature T_j | | | |
| T _j = -7°C | P _{dh} | - | kW | T _j = -7°C | COPd | - | - |
| T _j = 2°C | P _{dh} | - | kW | T _j = 2°C | COPd | - | - |
| T _j = 7°C | P _{dh} | - | kW | T _j = 7°C | COPd | - | - |
| T _j = 12°C | P _{dh} | - | kW | T _j = 12°C | COPd | - | - |
| T _j = bivalent temperature | P _{dh} | - | kW | T _j = bivalent temperature | COPd | - | - |
| T _j = operating limit temperature | P _{dh} | - | kW | T _j = operating limit temperature | COPd | - | - |
| T _j = -15°C | P _{dh} | - | kW | T _j = -15°C | COPd | - | - |
| Bivalent temperature | | | | Operating limit temperature | | | |
| Heating (Average) | T _{biv} | -7 | °C | Heating (Average) | T _{ol} | -10 | °C |
| Heating (Warmer) | T _{biv} | - | °C | Heating (Warmer) | T _{ol} | - | °C |
| Heating (Colder) | T _{biv} | - | °C | Heating (Colder) | T _{ol} | - | °C |
| Power consumption of cycling | | | | Efficiency of cycling | | | |
| Cooling | P _{cycc} | - | kW | Cooling | EER _{cycc} | - | - |
| Heating | P _{cyhc} | - | kW | Heating | COP _{cyhc} | - | - |
| Degradation coefficient cooling(**) | C _{dc} | 0,25 | - | Degradation coefficient heating(**) | C _{dh} | 0,25 | - |
| Electric power input in power modes other than "active mode" | | | | Seasonal electricity consumption | | | |
| Off mode | P _{OFF} | - | W | Cooling | Q _{CE} | 234 | kWh/a |
| Standby mode | P _{SB} | 4,4/9,5 | W | Heating (Average)(-10°C) | Q _{HE/A} | 1259 | kWh/a |
| Thermostat-off mode | P _{TO} | 45,0/ | W | Heating (Warmer)(+2°C) | Q _{HE/W} | - | kWh/a |
| Crankcase heater mode | P _{CK} | - | W | Heating (Colder)(-22°C) | Q _{HE/C} | - | kWh/a |
| Capacity control type | | | | Other items | | | |
| Fixed | | N | | Sound power level (indoor/outdoor) | L _{WA} | 51/63 | dB(A) |
| Staged | | N | | Refrigerant type | | R32 | |
| Variable | | Y | | Global warming potential | GWP | 675 | KgCO ₂ eq. |
| | | | | Rated air flow (indoor/outdoor) | | | m ³ /h |
| For more detailed information | | | | ARGOCLIMA SPA - Via A. Varo,35 - Alfianello (BS) - ITALY - www.argoclima.com | | | |

(5) For multisplit appliances, data shall be provided at a Capacity ratio of 1.

(**) 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



Product Fiche

Model: CHARM DUBBEL 14000 UE / CHARM DUBBEL 9000 UI / CHARM DUBBEL 12000 UI

Manufacturer : ARGOCLIMA SPA - via Alfeno Varo, 35 - Alfianello (BS) - Italy;

Sound power level (indoor unit / outdoor unit): 51 / 63 dB(A);

Refrigerant: R32

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

Cooling mode

SEER: 6,1

Energy efficiency class: A++

Pdesignc: 4,1 kW

Annual electricity consumption 234 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Heating mode

Climate type: Average

SCOP: 4,1

Energy efficiency class: A+

Pdesignh: 3,7 Kw

Declared capacity: 3,7 kW

The back up heating capacity for SCOP calculation: **0** kW.

Annual electricity consumption **1259** kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.