

INFORMATION REQUIREMENTS FOR AIR CONDITIONERS

in accordance with Regulation (EU) Nr. 206/2012 Annex II, Point 3, Table 1

| | |
|----------------------|---------------------------------|
| Description: | Inverter air conditioner |
| Trademark: | BOMANN |
| Model number: | CL 6045 QC CB |

| 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 | P _{designc} | 2,600 | kW | cooling | SEER | 6,30 | — |
| heating/Average | P _{designh} | 2,100 | kW | heating/Average | SCOP/A | 4,00 | — |
| heating/Warmer | P _{designh} | N/A | kW | heating/Warmer | SCOP/W | N/A | — |
| heating/Colder | P _{designh} | N/A | kW | heating/Colder | SCOP/C | N/A | — |
| Declared capacity for cooling, at indoor temperature 27(19) °C and outdoor temperature T _j | | | | Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j | | | |
| T _j = 35 °C | P _{dc} | 2,600 | kW | T _j = 35 °C | EER _d | 3,480 | — |
| T _j = 30 °C | P _{dc} | 1,940 | kW | T _j = 30 °C | EER _d | 5,240 | — |
| T _j = 25 °C | P _{dc} | 1,250 | kW | T _j = 25 °C | EER _d | 8,410 | — |
| T _j = 20 °C | P _{dc} | 0,780 | kW | T _j = 20 °C | EER _d | 12,580 | — |

| 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 | 1,910 | kW | Tj = - 7 °C | COPd | 2,660 | — |
| Tj = 2 °C | Pdh | 1,160 | kW | Tj = 2 °C | COPd | 4,110 | — |
| Tj = 7 °C | Pdh | 0,800 | kW | Tj = 7 °C | COPd | 4,770 | — |
| Tj = 12 °C | Pdh | 1,050 | kW | Tj = 12 °C | COPd | 6,490 | — |
| Tj = bivalent temperature | Pdh | 1,910 | kW | Tj = bivalent temperature | COPd | 2,660 | — |
| Tj = operating limit | Pdh | 2,120 | kW | Tj = operating limit | COPd | 2,340 | — |
| 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 | N/A | kW | Tj = 2 °C | COPd | N/A | — |
| Tj = 7 °C | Pdh | N/A | kW | Tj = 7 °C | COPd | N/A | — |
| Tj = 12 °C | Pdh | N/A | kW | Tj = 12 °C | COPd | N/A | — |
| Tj = bivalent temperature | Pdh | N/A | kW | Tj = bivalent temperature | COPd | N/A | — |
| Tj = operating limit | Pdh | N/A | kW | Tj = operating limit | COPd | N/A | — |
| 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 | N/A | kW | Tj = - 7 °C | COPd | N/A | — |
| Tj = 2 °C | Pdh | N/A | kW | Tj = 2 °C | COPd | N/A | — |
| Tj = 7 °C | Pdh | N/A | kW | Tj = 7 °C | COPd | N/A | — |
| Tj = 12 °C | Pdh | N/A | kW | Tj = 12 °C | COPd | N/A | — |
| Tj = bivalent temperature | Pdh | N/A | kW | Tj = bivalent temperature | COPd | N/A | — |
| Tj = operating limit | Pdh | N/A | kW | Tj = operating limit | COPd | N/A | — |
| Tj = - 15 °C | Pdh | N/A | kW | Tj = - 15 °C | COPd | N/A | — |
| Bivalent temperature | | | | Operating limit temperature | | | |
| heating/Average | Tbiv | -7 | °C | heating/Average | Tol | -15 | °C |
| heating/Warmer | Tbiv | N/A | °C | heating/Warmer | Tol | N/A | °C |
| heating/Colder | Tbiv | N/A | °C | heating/Colder | Tol | N/A | °C |

| | | | | | | | |
|--|--|-------|----|------------------------------------|---------------------|--------------|-----------------------|
| Cycling interval capacity | | | | Cycling interval efficiency | | | |
| for cooling | P _{cycc} | N/A | kW | for cooling | EER _{cycc} | N/A | — |
| for heating | P _{cyh} | N/A | kW | for heating | COP _{cyh} | N/A | — |
| Degradation co-efficient cooling | C _{dc} | 0,25 | — | Degradation co-efficient heating | C _{dh} | 0,25 | — |
| Electric power input in power modes other than 'active mode' | | | | Annual electricity consumption | | | |
| off mode | P _{OFF} | — | kW | cooling | Q _{CE} | 144 | kWh/a |
| standby mode | P _{SB} | 0,005 | kW | heating/Average | Q _{HE} | 735 | kWh/a |
| thermostat-off mode | P _{TO} | 0,035 | kW | heating/Warmer | Q _{HE} | — | kWh/a |
| crankcase heater mode | P _{CK} | — | kW | heating/Colder | Q _{HE} | — | kWh/a |
| Capacity control (indicate one of three options) | | | | Other items | | | |
| fixed | N | | | Sound power level (indoor/outdoor) | L _{WA} | 50/60 | dB(A) |
| staged | N | | | Global warming potential | GWP | 675 (R32) | kgCO ₂ eq. |
| variable | Y | | | Rated air flow (indoor/outdoor) | — | 420/1900 | m ³ /h |
| Contact details for obtaining more information | C. Bomann GmbH Heinrich-Horten-Straße 17 47906 Kempen Germany | | | | | | |

In as much as is relevant in view of the functionality, the manufacturer shall supply the information as requested in the above Table 1 in the technical documentation of the product. For units with *capacity control* marked 'staged', two values for the highest and lowest, noted 'hi/lo' divided by a slash ('/') will be declared in each box under 'Declared capacity'.