

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 6046 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}	3,400	kW	cooling	SEER	6,10	—
heating/Average	P _{designh}	2,400	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}	3,400	kW	T _j = 35 °C	EER _d	3,420	—
T _j = 30 °C	P _{dc}	2,350	kW	T _j = 30 °C	EER _d	4,690	—
T _j = 25 °C	P _{dc}	1,580	kW	T _j = 25 °C	EER _d	7,730	—
T _j = 20 °C	P _{dc}	1,030	kW	T _j = 20 °C	EER _d	12,340	—

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	2,130	kW	Tj = - 7 °C	COPd	2,910	—
Tj = 2 °C	Pdh	1,310	kW	Tj = 2 °C	COPd	4,140	—
Tj = 7 °C	Pdh	0,840	kW	Tj = 7 °C	COPd	4,590	—
Tj = 12 °C	Pdh	1,030	kW	Tj = 12 °C	COPd	5,990	—
Tj = bivalent temperature	Pdh	2,130	kW	Tj = bivalent temperature	COPd	2,910	—
Tj = operating limit	Pdh	2,330	kW	Tj = operating limit	COPd	2,420	—
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 _{cyc}	N/A	kW	for cooling	EER _{cyc}	N/A	—
for heating	P _{ych}	N/A	kW	for heating	COP _{cyc}	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}	195	kWh/a
standby mode	P _{SB}	0,005	kW	heating/Average	Q _{HE}	840	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)	—	550/1900	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'.