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 6044 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	Pdesignc	2,600	kW	cooling	SEER	6,30	—
heating/Average	Pdesignh	2,100	kW	heating/Average	SCOP/A	4,00	—
heating/Warmer	Pdesignh	N/A	kW	heating/Warmer	SCOP/W	N/A	—
heating/Colder	Pdesignh	N/A	kW	heating/Colder	SCOP/C	N/A	—
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	2,600	kW	Tj = 35 °C	EERd	3,480	—
Tj = 30 °C	Pdc	1,940	kW	Tj = 30 °C	EERd	5,240	—
Tj = 25 °C	Pdc	1,250	kW	Tj = 25 °C	EERd	8,410	—
Tj = 20 °C	Pdc	0,780	kW	Tj = 20 °C	EERd	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	Pcycc	N/A	kW	for cooling	EERcyc	N/A	—
for heating	Pcych	N/A	kW	for heating	COPcyc	N/A	—
Degradation co-efficient cooling	Cdc	0,25	—	Degradation co-efficient heating	Cdh	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	m³/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'.