

Information requirements

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	7.0	kW	cooling	SEER	5.6	—
heating/Average	Pdesignh	6.3	kW	heating/Average	SCOP/A	4.0	—
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	7.00	kW	Tj = 35 °C	EERd	2.84	—
Tj = 30 °C	Pdc	5.16	kW	Tj = 30 °C	EERd	4.34	—
Tj = 25 °C	Pdc	3.32	kW	Tj = 25 °C	EERd	7.15	—
Tj = 20 °C	Pdc	1.79	kW	Tj = 20 °C	EERd	13.47	—
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	5.48	kW	Tj = - 7 °C	COPd	2.27	—
Tj = 2 °C	Pdh	3.34	kW	Tj = 2 °C	COPd	3.75	—
Tj = 7 °C	Pdh	2.42	kW	Tj = 7 °C	COPd	5.07	—
Tj = 12 °C	Pdh	1.67	kW	Tj = 12 °C	COPd	5.55	—
Tj = bivalent temperature	Pdh	5.48	kW	Tj = bivalent temperature	COPd	2.27	—
Tj = operating limit	Pdh	4.74	kW	Tj = operating limit	COPd	2.05	—

Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = 2 °C	P _{dh}	N/A	kW	T _j = 2 °C	COP _d	N/A	—
T _j = 7 °C	P _{dh}	N/A	kW	T _j = 7 °C	COP _d	N/A	—
T _j = 12 °C	P _{dh}	N/A	kW	T _j = 12 °C	COP _d	N/A	—
T _j = bivalent temperature	P _{dh}	N/A	kW	T _j = bivalent temperature	COP _d	N/A	—
T _j = operating limit	P _{dh}	N/A	kW	T _j = operating limit	COP _d	N/A	—
Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	N/A	kW	T _j = - 7 °C	COP _d	N/A	—
T _j = 2 °C	P _{dh}	N/A	kW	T _j = 2 °C	COP _d	N/A	—
T _j = 7 °C	P _{dh}	N/A	kW	T _j = 7 °C	COP _d	N/A	—
T _j = 12 °C	P _{dh}	N/A	kW	T _j = 12 °C	COP _d	N/A	—
T _j = bivalent temperature	P _{dh}	N/A	kW	T _j = bivalent temperature	COP _d	N/A	—
T _j = operating limit	P _{dh}	N/A	kW	T _j = operating limit	COP _d	N/A	—
T _j = - 15 °C	P _{dh}	N/A	kW	T _j = - 15 °C	COP _d	N/A	—
Bivalent temperature				Operating limit temperature			
heating/Average	T _{biv}	-7	°C	heating/Average	T _{ol}	-10	°C
heating/Warmer	T _{biv}	N/A	°C	heating/Warmer	T _{ol}	N/A	°C
heating/Colder	T _{biv}	N/A	°C	heating/Colder	T _{ol}	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}	0.00009	kW	cooling	Q _{CE}	438	kWh/a
standby mode	P _{SB}	0.00009	kW	heating/Average	Q _{HE}	2205	kWh/a
thermostat-off mode	P _{TO}	0.06674	kW	heating/Warmer	Q _{HE}	N/A	kWh/a
crankcase heater mode	P _{CK}	0	kW	heating/Colder	Q _{HE}	N/A	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed	N			Sound power level (indoor/outdoor)	L _{WA}	58/68	dB(A)
staged	N			Global warming potential	GWP	2087.5	kgCO ₂ eq.
variable	Y			Rated air flow (indoor/outdoor)	—	1100/300 0	m ³ /h
Contact details for obtaining more information	Guangdong Chigo Air-Conditioning Co., Ltd. Shengli Industry District, Lishui Town, Nanhai, Guangdong 528244, P.R.China http://www.china-chigo.com/cn/						

(*) 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.