Information requirements HDWI-MAXIMUS-185C / HDOI-MAXIMUS-185C

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	5.145	kW	cooling	SEER	6.21	—
heating/Average	Pdesignh	4.659	kW	heating/Average	SCOP/A	4.17	—
heating/Warmer	Pdesignh	4.615	kW	heating/Warmer	SCOP/W	5.22	—
heating/Colder	Pdesignh	–	kW	heating/Colder	SCOP/C	–	—
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	5.145	kW	Tj=35 °C	EERd	3.05	—
Tj=30 °C	Pdc	3.809	kW	Tj=30 °C	EERd	4.51	—
Tj=25 °C	Pdc	2.484	kW	Tj=25 °C	EERd	8.26	—
Tj=20 °C	Pdc	1.444	kW	Tj=20 °C	EERd	11.1	—
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	4.121	kW	Tj = – 7°C	COPd	2.88	—
Tj = 2 °C	Pdh	2.642	kW	Tj = 2 °C	COPd	4.41	—
Tj = 7 °C	Pdh	1.658	kW	Tj = 7 °C	COPd	4.67	—
Tj = 12 °C	Pdh	1.813	kW	Tj = 12 °C	COPd	5.93	—
Tj = operating limit	Pdh	4.04	kW	Tj = operating limit	COPd	2.55	—
Tj = bivalent temperature	Pdh	4.121	kW	Tj = bivalent temperature	COPd	2.88	—
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	4.615	kW	Tj = 2 °C	COPd	2.86	—
Tj = 7 °C	Pdh	3.063	kW	Tj = 7 °C	COPd	5.18	—
Tj = 12 °C	Pdh	1.765	kW	Tj = 12 °C	COPd	6.16	—
Tj = operating limit	Pdh	4.615	kW	Tj = operating limit	COPd	2.86	—
Tj = bivalent temperature	Pdh	4.615	kW	Tj = bivalent temperature	COPd	2.86	—

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	-10	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	2	°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	Pcycc	N/A	kW	for heating	COPcyc	N/A	—
Degradation co-efficient cooling (**)	Cdc	0.25	—	Degradation co-efficient cooling (**)	Cdh	0.25	—
Electric power input in power modes other than ‘active mode’				Annual electricity consumption			
off mode	POFF	0.00146	kW	cooling	QCE	290	kWh/a
standby mode	PSB	0.00146	kW	heating/Average	QHE	1563	kWh/a
thermostat-off mode	PTO	0.07044	kW	heating/Warmer	QHE	1238	kWh/a
Crankcase heater mode	PCK	0	kW	heating/Colder	QHE	—	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed	N			Sound power level (indoor/outdoor)	L_{WA}	—	dB(A)
staged	N			Global warming	GWP	675	$KgCO_2$ eq.
variable	Y			Rated air flow (indoor/outdoor)	—	—	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.