

**Information requirements
(air-to-air air conditioners)**

Model(s):GMV-120WL/C-X							
Outdoor side heat exchanger of air conditioner	air						
Indoor side heat exchanger of air conditioner	air						
Type	compressor driven vapour compression						
If applicable: driver of compressor	electric motor						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	12.10	kW	Seasonal space cooling energy efficiency	η _{s,c}	265.0	%
Declared cooling capacity for part load at given outdoor temperatures T _j and indoor 27°/19 °C (dry/wet bulb)				Declared energy efficiency ratio for part load at given outdoor temperatures T _j			
T _j = + 35 °C	P _{dc}	12.10	kW	T _j = + 35 °C	EER _d	3.30	-
T _j = + 30 °C	P _{dc}	8.65	kW	T _j = + 30 °C		EER _d	5.10
T _j = + 25 °C	P _{dc}	5.60	kW	T _j = + 25 °C	EER _d	9.40	-
T _j = + 20 °C	P _{dc}	3.60	kW	T _j = + 20 °C		EER _d	19.00
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	—				-
Power consumption in modes other than ‘active mode’							
Off mode	P _{OFF}	0.048	kW	Crankcase heater mode	P _{CK}	0.048	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.048	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: air flow rate, outdoor measured	—	6000	m ³ /h
Sound power level, outdoor	L _{WA}	74.00	dB				
If engine driven: Emissions of nitrogen oxides	NOx(**)	-	mg/kWh fuel input GCV				
GWP of the refrigerant	2088		kg CO ₂ eq (100 years)				
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				Name of manufacturer: GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI			
(*) If C _{dc} is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25. (**) From 26 September 2018. Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.							

Information requirements (heat pump)

Model(s): GMV-120WL/C-X							
Outdoor side heat exchanger of heat pump	air						
Indoor side heat exchanger of heat pump	air						
Indication if the heater is equipped with a supplementary heater	no						
If applicable: driver of compressor	electric motor						
Parameters declared for	Average climate condition						
Item	symbol	value	unit	Item	symbol	value	unit
Rated heating capacity	P _{rated,h}	12.10	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	155.8	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance for part load at given outdoor temperatures T _j			
T _j = - 7 °C	P _{dh}	10.20	kW	T _j = - 7 °C	COP _d	2.40	-
T _j = + 2 °C	P _{dh}	6.18	kW	T _j = + 2 °C		3.50	-
T _j = + 7 °C	P _{dh}	4.05	kW	T _j = + 7 °C		6.40	-
T _j = + 12 °C	P _{dh}	2.80	kW	T _j = + 12 °C		8.50	-
T _{biv} = bivalent temperature	P _{dh}	10.20	kW	T _{biv} = bivalent temperature	COP _d	2.40	-
T _{OL} = operation limit	P _{dh}	11.70	kW	T _{OL} = operation limit	COP _d	2.01	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-7.00	°C	Operation limit temperature	T _{ol}	-10.00	°C
Degradation co-efficient heat pumps(**)	C _{dh}	0.25	—				
Power consumption in modes other than ‘active mode’				Supplementary heater			
Off mode	P _{OFF}	0.048	kW	Back-up heating capacity (*)	elbu	0	kW
Thermostat-off mode	P _{TO}	0.053	kW	Type of energy input	Electric		
Crankcase heater mode	P _{CK}	0.048	kW	Standby mode	P _{SB}	0.048	kW
Other items							
Capacity control	variable			air flow rate, outdoor measured	—	6000	m ³ /h
Sound power level, indoor/outdoor measured	L _{WA}	-/75.00	dB				
Emissions of nitrogen oxides (if applicable)	NO _x (***)	-	mg/kWh input GCV	Rated brine or water flow rate, outdoor side heat exchanger	—	-	m ³ /h
GWP of the refrigerant	2088		kg CO ₂ eq (100 years)				
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				Name of manufacturer: GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI			

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(**) If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.

(***) From 26 September 2018.

Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

Information requirements (heat pump)

Model(s): GMV-120WL/C-X								
Outdoor side heat exchanger of heat pump	air							
Indoor side heat exchanger of heat pump	air							
Indication if the heater is equipped with a supplementary heater	no							
If applicable: driver of compressor	electric motor							
Parameters declared for	Warmer climate condition							
Item	symbol	value	unit	Item	symbol	value	unit	
Rated heating capacity	P _{rated,h}	12.10	kW	Seasonal space heating energy efficiency	η _{s, h}	214.0	%	
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance for part load at given outdoor temperatures T _j				
T _j = − 7 °C	P _{dh}	-	kW	T _j = − 7 °C	COP _d	-	-	
T _j = + 2 °C	P _{dh}	12.00	kW	T _j = + 2 °C		COP _d	2.60	-
T _j = + 7 °C	P _{dh}	7.40	kW	T _j = + 7 °C		COP _d	5.20	-
T _j = + 12 °C	P _{dh}	3.40	kW	T _j = + 12 °C		COP _d	7.50	-
T _{biv} = bivalent temperature	P _{dh}	12.00	kW	T _{biv} = bivalent temperature	COP _d	2.60	-	
T _{OL} = operation limit	P _{dh}	12.00	kW	T _{OL} = operation limit	COP _d	2.60	-	
T _j = − 15 °C (if TOL < − 20 °C)	P _{dh}	-	kW	T _j = − 15 °C (if TOL < − 20 °C)	COP _d	-	-	
Bivalent temperature	T _{biv}	2.00	°C	Operation limit temperature	T _{ol}	2.00	°C	
Degradation co-efficient heat pumps(**)	C _{dh}	0.25	—					
Power consumption in modes other than ‘active mode’				Supplementary heater				
Off mode	P _{OFF}	0.048	kW	Back-up heating capacity (*)	elbu	0	kW	
Thermostat-off mode	P _{TO}	0.053	kW	Type of energy input	Electric			
Crankcase heater mode	P _{CK}	0.048	kW	Standby mode	P _{SB}	0.048	kW	
Other items								
Capacity control	variable			air flow rate, outdoor measured	—	6000	m³/h	
Sound power level, indoor/outdoor measured	L _{WA}	-/75.00	dB					
Emissions of nitrogen oxides (if applicable)	NO _x (***)	-	mg/kWh input GCV	Rated brine or water flow rate, outdoor side heat exchanger	—	-	m³/h	
GWP of the refrigerant	2088		kg CO ₂ eq (100 years)					
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				Name of manufacturer: GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI				

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(**) If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.

(***) From 26 September 2018.

Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.