

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

Model(s):GMV-120WL/C-T							
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	$P_{rated,c}$	12.1	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	325.0	%
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	$EER_d$	4.75	-
$T_j = +30$ °C	$P_{dc}$	8.98	kW	$T_j = +30$ °C	$EER_d$	7.53	-
$T_j = +25$ °C	$P_{dc}$	7.47	kW	$T_j = +25$ °C	$EER_d$	12.52	-
$T_j = +20$ °C	$P_{dc}$	7.21	kW	$T_j = +20$ °C	$EER_d$	19.74	-
Degradation co-efficient for air conditioners(*)	$C_{dc}$	0.25	-				-
Power consumption in modes other than 'active mode'							
Off mode	$P_{OFF}$	0.044	kW	Crankcase heater mode	$P_{CK}$	0.044	kW
Thermostat-off mode	$P_{TO}$	0.005	kW	Standby mode	$P_{SB}$	0.044	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: air flow rate, outdoor measured	-	6000	$m^3/h$
Sound power level, indoor/outdoor	$L_{WA}$	-/68	dB				
If engine driven: Emissions of nitrogen oxides	$NO_x(**)$	-	mg/kWh fuel input GCV				
GWP of the refrigerant	2088		kg CO <sub>2</sub> 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-T							
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	$P_{rated,h}$	14.0	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	175.0	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance part load at given outdoor temperatures $T_j$			
$T_i = -7$ °C	$P_{dh}$	10.30	kW	$T_i = -7$ °C	$COP_d$	2.72	-
$T_i = +2$ °C	$P_{dh}$	6.32	kW	$T_i = +2$ °C	$COP_d$	4.35	-
$T_i = +7$ °C	$P_{dh}$	4.16	kW	$T_i = +7$ °C	$COP_d$	6.10	-
$T_i = +12$ °C	$P_{dh}$	4.12	kW	$T_i = +12$ °C	$COP_d$	8.00	-
$T_{biv}$ = bivalent temperature	$P_{dh}$	10.30	kW	$T_{biv}$ = bivalent temperature	$COP_d$	2.87	-
$T_{OL}$ = operation limit	$P_{dh}$	11.05	kW	$T_{OL}$ = operation limit	$COP_d$	2.72	-
$T_j = -15$ °C (if $TOL < -20$ °C)	$P_{dh}$	-	kW	$T_j = -15$ °C (if $TOL < -20$ °C)	$COP_d$	-	-
Bivalent temperature	$T_{biv}$	-7	°C	Operation limit temperature	$T_{ol}$	-10	°C
Degradation co-efficient heat pumps(**)	$C_{dh}$	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	0.044	kW	Back-up heating capacity (*)	$elbu$	-	kW
Thermostat-off mode	$P_{TO}$	0.049	kW	Type of energy input	-		
Crankcase heater mode	$P_{CK}$	0.044	kW	Standby mode	$P_{SB}$	0.044	kW
Other items							
Capacity control	variable			air flow rate, outdoor measured	-	6000	m <sup>3</sup> /h
Sound power level, indoor/outdoor measured	$L_{WA}$	-72	dB				
Emissions of nitrogen oxides (if applicable)	$NO_x(***)$	-	mg/kWh input GCV	Rated brine or water flow rate, outdoor side heat exchanger	-	-	m <sup>3</sup> /h
GWP of the refrigerant	2088		kg CO2 eq (100 years)				
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				Name of manufacturer: GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI			
(*)							
(**) 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.							