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

Model(s):GMV-335WL/C1-2	X	(41)	r-to-air air conc	introners)					
Outdoor side heat									
exchanger of air	air								
conditioner									
Indoor side heat exchanger				air					
of air conditioner	411								
Туре	compressor driven vapour compression								
If applicable: driver of	electric motor								
compressor									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
	_			Seasonal space		283.4	%		
Rated cooling capacity	P <sub>rated,c</sub>	33.50	kW	cooling energy	$\eta_{\rm s,c}$				
				efficiency					
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 $T_j$					
$T_{j} = +35 \ ^{\circ}C$	Pdc	33.50	kW	$T_{j} = +35 \ ^{\circ}C$	EER <sub>d</sub>	2.60	-		
$T_j = +30$ °C	Pdc	23.60	kW	$T_{j} = + 30 \ C$	EER <sub>d</sub>	4.60	-		
$T_{j} = +25 \ ^{\circ}C$	Pdc	15.26	kW	$T_{j} = +25 \ ^{\circ}C$	EER <sub>d</sub>	9.30	-		
$T_j = +20$ °C	Pdc	7.35	kW	$T_j = + 20 \ C$	EER <sub>d</sub>	20.00	-		
Degradation co-efficient for air conditioners(*)	C <sub>dc</sub>	0.25					-		
	Power	consump	tion in modes of	her than 'active mode	e'		L		
Off mode	P <sub>OFF</sub>	0.025	kW	Crankcase heater mode	P <sub>CK</sub>	0.045	kW		
Thermostat-off mode	P <sub>TO</sub>	0.040	kW	Standby mode	P <sub>SB</sub>	0.025	kW		
			Other item	s		1			
Capacity control		variat	ole		_	11000	m <sup>3</sup> /		
Sound power level, outdoor	$L_{WA}$	80.00	dB	For air-to-air air					
If engine driven: Emissions	NO(**)		mg/kWh fuel	conditioner: air flow rate,					
of nitrogen oxides	NOx(**)	-	input GCV				h		
GWP of the refrigerant	2088		kg CO <sub>2</sub> eq (100 years)	outdoor measured					
Contact details: West Jinji Rd, Qianshan, Zhu	Name of manufacturer: GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI								
(*) If C <sub>dc</sub> is not determined b From 26 September 2018. W may be obtained on the basis by the manufacturer or impor	y measurem here inform of the perfo	nent then ation rela	the default degr ates to multi-spli	adation coefficient ai t air conditioners, the	r conditioners shall test result and perf	be 0,25.	(**) data		

Information requirements (heat pump)

			(heat	Jump)				
Model(s): GMV-335WL/C	21-X							
Outdoor side heat				air				
exchanger of heat pump	air							
Indoor side heat				air				
exchanger of heat pump	air							
Indication if the heater								
is equipped with a	no							
supplementary heater								
If applicable: driver of	alactric motor							
compressor	electric motor							
Parameters declared for				Average climate condition		-		
Item	symbol	value	unit	Item	symbol	value	unit	
Rated heating capacity	P <sub>rated,h</sub>	33.50	kW	Seasonal space heating energy efficiency	$\eta_{\rm s,h}$	184.6	%	
Declared heating canacity	for part load a	t indoor tor		Declared coefficient of perfor				
Declared heating capacity for part load at indoor temperature 20 $$ $ \ensuremath{\mathbb{C}}$ and outdoor temperature Tj				outdoor temperatures Tj	mance for part 10	au ai givell		
$T_i = -7 \ C$	Pdh	18.60	kW	$T_j = -7 C$	COPd	2.60	_	
$T_i = +2$ °C	Pdh	11.30	kW	$T_j = +2 $ °C	COPd	4.20	-	
$T_i = +7 $ °C	Pdh	7.34	kW	$T_i = +7 $ °C	COPd	7.80	-	
$T_i = +12 $ °C	Pdh	5.80	kW	$T_i = +12 \ C$	COPd	10.40	-	
T <sub>biv</sub> = bivalent	1 un	5.00	K VV	J		10.10		
temperature	Pdh	18.60	kW	$T_{biv} = bivalent temperature$	COP <sub>d</sub>	2.60	-	
$T_{OL} = operation limit$	Pdh	21.20	kW	$T_{OL} = operation limit$	COPd	2.38	I	
$Tj = -15 \ \C$ (if TOL < - 20 $\C$ )	Pdh	-	kW	Tj = -15  °C (if TOL $< -20$ °C)	COPd	-	-	
Bivalent temperature	T <sub>biv</sub>	-7.00	C	Operation limit temperature	$T_{ol}$	-10.00	C	
Degradation co-efficient heat pumps(**)	C <sub>dh</sub>	0.25						
Power consumption in modes other than 'active mode'				Supplementary heater				
Off mode	P <sub>OFF</sub>	0.030	kW	Back-up heating capacity (*)	elbu	0	kW	
Thermostat-off mode	P <sub>TO</sub>	0.055	kW	Type of energy input	Electric			
Crankcase heater mode	P <sub>CK</sub>	0.045	kW	Standby mode	P <sub>SB</sub>	0.030	kW	
				items				
Capacity control		variable	2 41101					
Sound power level,				air flow rate, outdoor measured	_	11000	m³/h	
indoor/outdoor measured	$L_{WA}$	-/82.00	dB			11000		
Emissions of nitrogen oxides (if applicable)	NOx(***)	-	mg/kWh input GCV	Rated brine or water flow rate, outdoor side heat exchanger	_		m³/h	
GWP of the refrigerant	208	8	kg CO <sub>2</sub> eq (100 years)				111 / 11	
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				Name of manufacturer: GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI				

(\*\*) If Cdh 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-335WL/C	1 <b>X</b>		(heat p	ump)				
Outdoor side heat	.1-A							
exchanger of heat pump	air							
Indoor side heat								
exchanger of heat pump	air							
Indication if the heater								
is equipped with a	no							
supplementary heater	no							
If applicable: driver of								
compressor	electric motor							
Parameters declared for		Warmer climate condition						
Item	symbol	value	unit	Item	symbol	value	unit	
			unit	Seasonal space heating	symoor	varue	unit	
Rated heating capacity	P <sub>rated,h</sub>	33.50	kW	energy efficiency	η <sub>s, h</sub>	264.6	%	
Declared heating capacity	for part load at indoor temperature			Declared coefficient of performance for part load at given				
	Declared heating capacity for part load at indoor temperature 20 $^{\circ}$ C and outdoor temperature Tj				induce for part for	ia at given		
$T_j = -7 $ °C	Pdh	-	kW	outdoor temperatures Tj $T_j = -7 \ C$	COPd	-	-	
$T_j = +2$ °C	Pdh	22.00	kW	$T_j = +2 $ °C	COPd	2.90	-	
$T_i = +7 $ °C	Pdh	14.00	kW	$T_i = +7 $ °C	COPd	5.80	-	
$T_{j} = +12 \ C$	Pdh	6.50	kW	$T_i = +12 \ ^{\circ}C$	COPd	9.00	-	
$T_{biv} = bivalent$					000			
temperature	Pdh	22.00	kW	$T_{biv} = bivalent temperature$	COPd	2.90		
$T_{OL}$ = operation limit	Pdh	22.00	kW	$T_{OL} = operation limit$	COPd	2.90	-	
Tj = $-15$ °C (if TOL < $-$	D 11		1 337	Tj = -15  °C (if TOL $< -$	COD			
20°C)	Pdh	-	kW	20 °C)	COPd	-	-	
Bivalent temperature	т	2.00	C	Operation limit	$T_{ol}$	2.00	C	
Bivalent temperature	$T_{biv}$			temperature	1 ol	2.00	C	
Degradation co-efficient	C <sub>dh</sub>	0.25						
heat pumps(**)								
Power consumption in modes other than 'active mode'				Supplementary heater				
Off mode	P <sub>OFF</sub>	0.030	kW	Back-up heating capacity	elbu	0	kW	
				(*)		-	K VI	
Thermostat-off mode	P <sub>TO</sub>	0.055	kW	Type of energy input	Electric			
Crankcase heater mode	P <sub>CK</sub>	0.045	kW	Standby mode	P <sub>SB</sub>	0.030	kW	
	•		Other	items				
Capacity control	variable			air flow rate, outdoor				
Sound power level,	$L_{WA}$	-/82.00	dB	measured		11000	m³/h	
indoor/outdoor measured	LWA	-/02.00		measured				
Emissions of nitrogen	NOx(***)	_	mg/kWh	Rated brine or water flow rate, outdoor side heat	_			
oxides (if applicable)	nox( )		input GCV			_	m <sup>3</sup> /h	
GWP of the refrigerant	2088 kg CO <sub>2</sub> eq (100 years)		exchanger			,.		
Contact details:				Name of manufacturer:				
West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI				
(*)								

(\*\*) If Cdh 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.