## Information requirements

(air-to-air air conditioners)

				introners)					
Model(s):GMV-335WL/C1-2	X								
Outdoor side heat									
exchanger of air	air								
conditioner									
Indoor side heat exchanger									
of air conditioner	air								
Туре	compressor driven vapour compression								
If applicable: driver of	-1								
compressor	electric motor								
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
				Seasonal space					
Rated cooling capacity	P <sub>rated,c</sub>	33.50	kW	cooling energy	η <sub>s, c</sub>	283.4	%		
				efficiency					
Declared cooling capacity for part load at given outdoor				Declared energy efficiency ratio for part load at given					
temperatures T <sub>j</sub> and indoor 2	7°/19 °C (di	y/wet bu	lb)	outdoor temperatures T <sub>j</sub>					
$T_{j} = +35 \ ^{\circ}C$	Pdc	33.50	kW	$T_{j} = +35 \ ^{\circ}C$	EERd	2.60	-		
$T_{j} = +30 \ ^{\circ}C$	Pdc	23.60	kW	$T_j = +30 \ ^\circ C$	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	-		
$T_j = +20 \ ^{\circ}C$	Pdc	7.35	kW	$T_j = +20 \ ^\circ C$	EER <sub>d</sub>	20.00	-		
Degradation co-efficient for air conditioners(*)	C <sub>dc</sub>	0.25	_				-		
	Power	consump	tion in modes ot	her than 'active mode	e'				
				Crankcase heater					
Off mode	P <sub>OFF</sub>	0.025	kW	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					
Capacity control		variat	ole	<b>D</b> · · · · ·					
Sound power level, outdoor	L <sub>WA</sub>	80.00	dB	For air-to-air air conditioner: air					
If engine driven: Emissions	NO (**)		mg/kWh fuel			11000	m <sup>3</sup> /		
of nitrogen oxides	NOx(**)	-	input GCV	flow rate,	—	11000	h		
GWP of the refrigerant	2088		kg $CO_2$ eq	outdoor measured					
Contract data:1			(100 years)	Nama af a f					
Contact details: West Jinji Rd, Qianshan, Zhu	ihai Guano	dong Ch	ina 519070	Name of manufactu	arer: APPLIANCES,INC	OF ZH	UHAI		
(*) If $C_{dc}$ is not determined b		-							
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may be obtained on the basis									
by the manufacturer or impor	-				n or maoor unit(s) fo		acu		
by the manufacturer of mipor									

Information requirements (heat pump)

			(neat	pump)				
Model(s): GMV-335WL/C	C1-X							
Outdoor side heat				ain				
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	electric motor							
compressor								
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	$\eta_{s,h}$	184.6	%	
Declared heating capacity	for part load a	t indoor ter	nperature	Declared coefficient of perfor	mance for part lo	ad at given		
20 °C and outdoor temperative	iture Tj		-	outdoor temperatures Tj				
$T_j = -7 \ ^{\circ}C$	Pdh	18.60	kW	$T_j = -7 \ ^{\circ}C$	COPd	2.60	-	
$T_j = +2 °C$	Pdh	11.30	kW	$T_j = +2 \circ C$	COPd	4.20	-	
$T_i = +7 \circ C$	Pdh	7.34	kW	$T_i = +7 \circ C$	COPd	7.80	-	
$T_i = +12 \text{ °C}$	Pdh	5.80	kW	$T_{j} = +12 \text{ °C}$	COPd	10.40	-	
$T_{biv} = bivalent$ temperature	Pdh	18.60	kW	T <sub>biv</sub> = bivalent temperature	COP <sub>d</sub>	2.60	-	
$T_{OL}$ = operation limit	Pdh	21.20	kW	$T_{OL}$ = operation limit	COPd	2.38	-	
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 <sub>ol</sub>	-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	Ele	ctric		
Crankcase heater mode	P <sub>CK</sub>	0.045	kW	Standby mode	P <sub>SB</sub>	0.030	kW	
			Other	items		I		
Capacity control		variable						
Sound power level,	т		10	air flow rate, outdoor		11000	m³/h	
indoor/outdoor measured	L <sub>WA</sub>	-/82.00	dB	measured				
Emissions of nitrogen oxides (if applicable)	NOx(***)	-	mg/kWh input GCV	Rated brine or water flow			2.4	
GWP of the refrigerant	2088		kg CO <sub>2</sub> eq (100 years)	rate, outdoor side heat exchanger		-	m³/h	
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070				Name of manufacturer: GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI				
(*) (**) If Cdh is not determin	ed by measure	ement then	the default de	gradation coefficient of heat pu	mps shall be 0,25	5.		

(\*\*\*) 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)

			(heat p	ump)			
Model(s): GMV-335WL/C	21-X						
Outdoor side heat				air			
exchanger of heat pump				an			
Indoor side heat							
exchanger of heat pump	air						
Indication if the heater							
is equipped with a	no						
supplementary heater							
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 <sub>rated,h</sub>	33.50	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	264.6	%
Declared heating capacity	for part load a	t indoor ter	nperature	Declared coefficient of performance for part load at given			
20 °C and outdoor temperative	ture Tj	. <u> </u>		outdoor temperatures Tj			
$T_j = -7 \ ^{\circ}C$	Pdh	-	kW	$T_j = -7 \ ^{\circ}C$	COPd	-	-
$T_j = +2 °C$	Pdh	22.00	kW	$T_j = +2 \ ^{\circ}C$	COPd	2.90	-
$T_i = +7 \circ C$	Pdh	14.00	kW	$T_i = +7 $ °C	COPd	5.80	-
$T_i = +12 ^{\circ}C$	Pdh	6.50	kW	$T_{j} = + 12 \text{ °C}$	COPd	9.00	-
$T_{biv} = bivalent$							
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 < -20  °C)	Pdh	-	kW	Tj = -15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	T <sub>biv</sub>	2.00	°C	Operation limit temperature	T <sub>ol</sub>	2.00	°C
Degradation co-efficient heat pumps(**)	C <sub>dh</sub>	0.25					1
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	Elec	tric	
Crankcase heater mode	P <sub>CK</sub>	0.045	kW	Standby mode	P <sub>SB</sub>	0.030	kW
			Other	items			
Capacity control		variable		ain flass nota anti-			
Sound power level,	т	-/82.00	dB	air flow rate, outdoor measured	—	11000	m <sup>3</sup> /h
indoor/outdoor measured	$L_{WA}$	-/82.00	aв	measured			
Emissions of nitrogen	NOx(***)	-	mg/kWh	Rated brine or water flow			
oxides (if applicable) GWP of the refrigerant	$\frac{1}{2088} \text{ kg CO}_2 \text{ eq}$			rate, outdoor side heat exchanger	—	-	m³/h
			(100 years)				
Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070			Name of manufacturer: GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI				
(*) (**) If Cdh is not determin (***) From 26 September		ement then	the default de	gradation coefficient of heat pu	mps 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.