PRODUCT INFORMATION

PUCY-P***YKD.TH (-BS)

For Europe Regulation

		Model(s): Information to identify the model(s) to which the information relates :							
	Outdoor: PUCY-P200YKD.TH (-BS) Indoor: PEFY-P50VMHS2-E×4 units Outdoor heat exchanger of air conditioner: air								
Indoor heat exchanger									
Type: compressor drive									
if applicable: driver of o									
Item		l Value			Value	Unit			
				Seasonal space					
Rated cooling capacity	P _{rated,c}	22.40	kW	cooling energy efficiency s,c	274.2	%			
Declared cooling capac outdoor temperatures (dry/wet bulb)				Declared energy efficiency ratio or gas utilization auxiliary energy factor for part load at give temperatures T_i					
$T_i = +35 ^{\circ}\text{C}$	Pdc	22.40	kW		4.80	%			
$T_{j} = +30 {}^{\circ}\text{C}$	Pdc	16.51			5.94	%			
$T_j = +25$ °C	Pdc	10.62	kW	$T_j = +25 ^{\circ}\text{C}$ EER _d	8.33	0/o			
$T_j = +20$ °C	Pdc	6.97	kW	$T_j = +20 ^{\circ}\text{C}$ EER _d	12.44	%			
	C_{d}	0.25							
conditioners**			!						
Power consumption in mode'	modes	otner tn	an active						
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode P _{CK}	0.032	kW			
Thermostat-off mode	P _{TO}	0.076			0.070				
	10	-							
Other items		1	· L						
Capacity control	variabl	e		For air-to-air air conditioner: Nominal air flow rate, outdoor measured	m ³	³/h			
Sound power level, outdoor	L_{WA}	79.0	dB						
if engine driven: Emissions of nitrogen oxides	NO _x	-	mg/kWh fuel input GCV						
GWP of the refrigerant		2088	kg CO _{2 eq} (100 years)						
				C CONSUMER PRODUCTS (THAILAND) CO., I					
Contact details			Chonburi, 0, Thailan	700/406 Moo 7, Tambon Don Hua Roh, Amp	hur N	Iuang,			
	** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.								
Where information relates to multi-split air conditioners, the test result and performance data may be obtained on									
		of the o	utdoor uni	it, with a combination of indoor unit(s) recomme	nded 1	by the			
manufacturer or importe	er.								

⁽¹⁾ This information is based on COMMISSION REGULATION(EU)2016/2281

	Model(s): Information to identify the model(s) to which the information relates : Outdoor: PUCY-P250YKD.TH (-BS) Indoor: PEFY-P63VMHS2-E×4 units							
Outdoor heat exchanger				muoor . LEF 1-1 03 VIVII 192-L->-4 units				
Indoor heat exchanger								
Type: compressor drive								
if applicable: driver of o								
Item	Symbol			Item Symbol Va	lue Unit			
				Seasonal space				
Rated cooling capacity	$P_{\text{rated,c}}$	28.00	kW	cooling	7.0 %			
Declared cooling capacity for part load at given outdoor temperatures T _j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization e auxiliary energy factor for part load at given temperatures $T_{\rm j}$				
$T_j = +35$ °C	Pdc	28.00		$T_j = +35 ^{\circ}\text{C}$ EER _d				
$T_j = +30 ^{\circ}\text{C}$	Pdc	20.64		$T_{j} = +30 ^{\circ}\text{C} \qquad \text{EER}_{d} \qquad \qquad \boxed{5.8}$				
$T_j = +25$ °C	Pdc	13.28		$T_j = +25 ^{\circ}\text{C}$ EER _d				
$T_j = +20 ^{\circ}C$	Pdc	7.14	kW	$T_j = +20 ^{\circ}\text{C}$ EER _d	.59 %			
Degradation coefficient air conditioners**	C_{d}	0.25	-					
Power consumption in	modes o	ther the	an 'active					
mode'								
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode P_{CK} 0.0)32 kW			
Thermostat-off mode	P_{TO}	0.076	kW	Standby mode P_{SB} 0.0	070 kW			
Other items								
Capacity control	variable	;		For air-to-air air conditioner: Nominal air flow rate, outdoor measured	m³/h			
Sound power level, outdoor	L _{WA}	80.0	dB					
if engine driven:			mg/kWh fuel					
Emissions of nitrogen	NO_x	-	input					
oxides			GCV					
GWP of the refrigerant		2088	kg CO _{2 eq} (100					
	MITCH	ріспі і	years)		<u> </u>			
Contact details	Amata	City C		700/406 Moo 7, Tambon Don Hua Roh, Amphu				
	ed by me	asurem	ent then th	e default degradation coefficient air conditioners shall				
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 import	er.							

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Model(s): Information to identify the model(s) to which the information relates:								
Outdoor: PUCY-P300YKD.TH (-BS) Indoor: PEFY-P50VMHS2-E×6 units Outdoor heat exchanger of air conditioner: air								
Indoor heat exchanger of air conditioner: air								
Type: compressor drive								
if applicable: driver of o	compress	sor: elec	tric motor					
Item	Symbol	Value	Unit	Item Symbol	Value	e Unit		
				Seasonal space				
Rated cooling capacity	$P_{\text{rated},c}$	33.50	kW	cooling energy efficiency s,c	248.6	%		
Declared cooling capac	city for p	oart load	l at given	Declared energy efficiency ratio or gas utilizate	ion effi	ciency /		
outdoor temperatures				auxiliary energy factor for part load at				
(dry/wet bulb)			_	temperatures T _j		_		
$T_j = +35 ^{\circ}\text{C}$	Pdc	33.50	_	$T_j = +35$ °C EER _d	4.28	%		
$T_{j} = +30 {}^{\circ}\text{C}$	Pdc	24.69		$T_j = +30$ °C EER _d	5.03	%		
$T_{j} = +25 ^{\circ}\text{C}$	Pdc	15.88		$T_j = +25$ °C EER _d	7.14	%		
$T_j = +20 ^{\circ}\mathrm{C}$	Pdc	8.23	kW	$T_j = +20 ^{\circ}\text{C}$ EER _d	10.75	%		
Dagradation			-					
Degradation co- efficient air	C_d	0.25						
conditioners**	Ca	0.23						
Power consumption in	modes	other th	an 'active			I .		
mode'								
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode P _{CK}	0.036	6 kW		
Thermostat-off mode	P_{TO}	0.076	kW	Standby mode P _{SB}	0.070) kW		
Other items								
				For air-to-air air conditioner: Nominal air				
Capacity control	variable	e		flow rate, outdoor)0 n	n³/h		
				measured				
Sound power level,	_			incusured				
outdoor	L_{WA}	80.0	dB					
if engine driven:			mg/kWh					
Emissions of nitrogen	NO.	_	fuel					
oxides	11O _X	_	input					
			GCV					
GWP of the refrigerant		2088	kg CO _{2 eq} (100					
		2000	years)					
	MITSU	BISHI		C CONSUMER PRODUCTS (THAILAND) CO	., LTD.			
Contact details				700/406 Moo 7, Tambon Don Hua Roh, A	mphur	Muang,		
			0, Thailanc					
				e default degradation coefficient air conditioners				
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 imported		n me o	utaoor uni	n, with a combination of indoor unit(s) recom	шепаеа	by the		
manuracturer or import	ω .							

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Model(s): Information to identify the model(s) to which the information relates:								
	Outdoor: PUCY-P350YKD.TH (-BS)							
	Indoor: PEFY-P63VMHS2-E×4 units, PEFY-P50VMHS2-E×2 units							
Outdoor heat exchanger								
Indoor heat exchanger of								
Type: compressor drive								
if applicable: driver of o					17 a 1.	I I:4		
Item	Symbol	Value	Unit	Item Symbol	van	ue Unit		
Rated cooling capacity	$P_{\text{rated},c}$	40.00	kW	Seasonal space cooling energy efficiency	273.	.0 %		
Declared cooling capac	rity for r	nart load	at given	Declared energy efficiency ratio or gas	utilization eff	ficiency /		
outdoor temperatures (dry/wet bulb)				auxiliary energy factor for part loa temperatures T _j				
$T_i = +35$ °C	Pdc	40.00	kW	$T_i = +35 ^{\circ}\text{C}$ EER _d	4.14	%		
$T_{j} = +30 {}^{\circ}\text{C}$	Pdc	29.49	kW	$T_j = +30 ^{\circ}\text{C}$ EER _d	5.47	7 %		
$T_{j} = +25 {}^{\circ}\text{C}$	Pdc	18.97	kW	$T_j = +25 ^{\circ}\text{C}$ EER _d	7.96	%		
$T_{j} = +20 {}^{\circ}\text{C}$	Pdc	12.43	kW	$T_j = +20 ^{\circ}\text{C}$ EER _d	12.6	8 %		
conditioners**	C_{d}	0.25	-					
Power consumption in	modes	other th	an 'active					
mode'			٦.					
Off mode	P_{OFF}	0.000	_	Crankcase heater mode P _{CK}		86 kW		
Thermostat-off mode	P_{TO}	0.076	kW	Standby mode P _{SB}	0.07	70 kW		
Other items								
Other items				For air-to-air air				
Capacity control	variable	e		conditioner: Nominal air flow rate, outdoor measured	12600	m³/h		
Sound power level, outdoor	Lwa	83.0	dB					
if engine driven: Emissions of nitrogen oxides	NO _x	-	mg/kWh fuel input GCV					
GWP of the refrigerant		2088	kg CO _{2 eq} (100 years)					
				C CONSUMER PRODUCTS (THAILANI				
Contact details				700/406 Moo 7, Tambon Don Hua Re	oh, Amphur	Muang,		
), Thailan					
** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.								
				tioners, the test result and performance dat				
the basis of the perfor	mance of	of the o	utdoor uni	it, with a combination of indoor unit(s):	recommende	d by the		

manufacturer or importer.

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Model(s): Information to identify the model(s) to which the information relates :							
Outdoor : PUCY			. ,				
	Indoor: PEFY-P71VMHS2-E×5 units, PEFY-P50VMHS2-E×1 unit						
Outdoor heat exchange							
Indoor heat exchanger							
Type: compressor drive							
if applicable: driver of o						** *	
Item	Symbo	Value	Unit	Item Symbol	Valu	ue Unit	
				Seasonal space			
Rated cooling capacity	$P_{rated,c}$	44.00	kW	cooling energy	253.	.8 %	
				efficiency s,c			
Declared cooling capac	eity for r	part load	at given	Declared energy efficiency ratio or gas u	tilization eff	ficiency /	
outdoor temperatures				auxiliary energy factor for part load			
(dry/wet bulb)	1 _j und	maoor	21/17 C	temperatures T _i	i at given	outdoor	
$T_i = +35 ^{\circ}\text{C}$	Pdc	44.00	kW	$T_i = +35 ^{\circ}\text{C}$ EER _d	3.54	<u> </u>	
$T_i = +30 ^{\circ}\text{C}$	Pdc	32.43	_	$T_i = +30 ^{\circ}\text{C}$ EER _d	4.62		
$T_i = +25$ °C	Pdc	20.86		$T_i = +25 ^{\circ}\text{C}$ EER _d	7.68		
$T_i = +20 ^{\circ}C$	Pdc	8.63	kW	$T_i = +20 ^{\circ}\text{C}$ EER _d	11.7		
,							
Degradation co-							
	C_d	0.25	-				
conditioners**							
Power consumption in	modes	other th	an 'active				
mode'			_				
Off mode	P_{OFF}	0.000	_	Crankcase heater mode P _{CK}	0.03	86 kW	
Thermostat-off mode	P_{TO}	0.076	kW	Standby mode P _{SB}	0.07	70 kW	
Other items					т т		
				For air-to-air air			
Capacity control	variable	2		conditioner: Nominal air	12600	m³/h	
				flow rate, outdoor measured			
Sound nower level				illeasured			
Sound power level, outdoor	L_{WA}	83.0	dB				
			mg/kWh				
if engine driven:			fuel				
Emissions of nitrogen	NO_x	-	input				
oxides			GCV				
	-		kg CO _{2 eq}				
GWP of the refrigerant		2088	(100				
			years)				
	MITSU	BISHI I	ELECTRI	C CONSUMER PRODUCTS (THAILAND	O) CO., LTD		
Contact details				700/406 Moo 7, Tambon Don Hua Ro	h, Amphur	Muang,	
), Thailan				
** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.							
				tioners, the test result and performance data			
the basis of the perfor	mance of	of the o	utdoor uni	it, with a combination of indoor unit(s) r	ecommende	d by the	

manufacturer or importer.

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	Model(s): Information to identify the model(s) to which the information relates:							
Outdoor : PUCY								
Indoor: PEFY-P80VMHS2-E×4 units, PEFY-P71VMHS2-E×2 units								
Outdoor heat exchange								
Indoor heat exchanger								
Type: compressor drive								
if applicable: driver of o								
Item	Symbo	l Value	Unit	Item Symbol	Valu	ue Unit		
				Seasonal space				
Rated cooling capacity	$P_{\text{rated,c}}$	48.00	kW	cooling energy	249.	.0 %		
				efficiency s,c				
Declared cooling capac	oity for 1	ort lose	l ot given	Declared energy efficiency ratio or gas u	tilization off	ficioney /		
outdoor temperatures				auxiliary energy factor for part load				
(dry/wet bulb)	1 _j and	muooi	21/17 C	temperatures T _i	i at given	outdoor		
$T_i = +35 ^{\circ}\text{C}$	Pdc	48.00	$_{\mathrm{kW}}$	$T_i = +35 ^{\circ}\text{C}$ EER _d	3.35	5 %		
$T_{i} = +30 ^{\circ}\text{C}$	Pdc	35.40	_	$T_i = +30 ^{\circ}\text{C}$ EER _d	4.56			
$T_j = +36$ °C	Pdc	22.77		$T_i = +25 ^{\circ}\text{C}$ EER _d	7.46			
$T_i = +20 ^{\circ}\text{C}$	Pdc	10.13		$T_i = +20 ^{\circ}\text{C}$ EER _d		59 %		
11 - 1 20 C	1 ac	10.10	- T. ''		11.0	/ / /		
Degradation co-								
	C_d	0.25	_					
conditioners**	- u							
Power consumption in	modes	other th	an 'active		L	I		
mode'								
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode P _{CK}	0.03	86 kW		
Thermostat-off mode	P_{TO}	0.081	kW	Standby mode P _{SB}	0.07	70 kW		
Other items								
				For air-to-air air				
Capacity control	variable	<u>a</u>		conditioner: Nominal air	12600	m³/h		
capacity control	variable			flow rate, outdoor	12000	111 / 11		
			1	measured				
Sound power level,	Lwa	84.0	dB					
outdoor								
if engine driven:			mg/kWh					
Emissions of nitrogen	NO_x	_	fuel					
oxides			input					
			GCV					
GWP of the refrigerant		2088	kg CO _{2 eq} (100					
		2000	years)					
	MITSU	BISHI I	•	C CONSUMER PRODUCTS (THAILAND	O) CO., LTD).		
Contact details				700/406 Moo 7, Tambon Don Hua Ro				
			0, Thailan		•	٥,		
** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.								
Where information rela	ites to m	ulti-split	air condit	tioners, the test result and performance data	n may be obt	tained on		
the basis of the perfor	mance of	of the o	utdoor uni	it, with a combination of indoor unit(s) r	ecommende	d by the		

manufacturer or importer.

⁽¹⁾ This information is based on COMMISSION REGULATION(EU)2016/2281

	Model(s): Information to identify the model(s) to which the information relates : Outdoor: PUCY-P500YKD.TH (-BS) Indoor: PEFY-P63VMHS2-E×8 units							
Outdoor heat exchanger			` '	indoor . TELL 1 TOO VIVILIDE ENG WINES				
Indoor heat exchanger of								
Type: compressor driven								
if applicable: driver of co								
Item	Symbol	Value	Unit	Item Symbol Value	Unit			
				Seasonal space				
Rated cooling capacity	P _{rated,c}	56.00	kW	cooling energy efficiency s,c 262.2	%			
Declared cooling capaci outdoor temperatures T (dry/wet bulb)	Γ_j and i	indoor	27°/19°C	Declared energy efficiency ratio or gas utilization efficiency auxiliary energy factor for part load at given outemperatures $T_{\rm j}$	ıtdoor			
J	Pdc	56.00		,	0/0			
J	Pdc	41.29		,	0/0			
J	Pdc	26.57		,	0/0			
$T_{j} = +20 ^{\circ}\mathrm{C}$	Pdc	11.82	kW	$T_j = +20 {}^{\circ}\text{C}$ EER _d 12.50	%			
Degradation co- efficient air (conditioners**	C_d	0.25	-					
Power consumption in r	modes o	ther tha	n 'active					
mode'			_					
	P_{OFF}	0.000	4 1	***	kW			
Thermostat-off mode	P_{TO}	0.081	kW	Standby mode P_{SB} 0.070	kW			
0.1								
Other items				Es de				
	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	/h			
Sound power level, outdoor	L _{WA} 8	5.0	dB					
if engine driven:			mg/kWh					
Emissions of nitrogen	NO _x -		fuel					
oxides	-		input					
			GCV					
GWP of the refrigerant	2	088	kg CO _{2 eq} (100					
	MITSH	BISHI	years)	C CONSUMER PRODUCTS (THAILAND) CO., LTD.				
Contact details				700/406 Moo 7, Tambon Don Hua Roh, Amphur M	Inano			
		•	0, Thailan	· · · · · · · · · · · · · · · · · · ·	5,			
** If C _d is not determine				e default degradation coefficient air conditioners shall be 0).25.			
Where information relate	es to mu	lti-split	air condit	ioners, the test result and performance data may be obtain	ed on			
	the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the							
manufacturer or importer	r.							

⁽¹⁾ This information is based on COMMISSION REGULATION(EU)2016/2281

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