PRODUCT INFORMATION PUCY-P***YKA.TH (-BS) For Europe Regulation

Model(s): Information to identify the model(s) to which the information relates :							
Outdoor heat exchange							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbo	l Value	Unit	Item Symbol	Valu	e Unit	
				Seasonal space			
Rated cooling capacity	P _{rated,c}	22.40	kW	cooling energy efficiency η _{s,c}	264.	5 %	
Declared cooling capac	city for p	oart load	l at given	Declared energy efficiency ratio or gas utiliz	zation effi	ciency /	
outdoor temperatures	T_j and	indoor	27°/19°C	auxiliary energy factor for part load a	t given	outdoor	
(dry/wet bulb)			7	temperatures T _j		-	
$T_j = +35 \ ^{\circ}C$	Pdc	22.40	kW	$T_j = +35 ^{\circ}C$ EER _d	4.14	%	
$T_{j} = +30 ^{\circ}C$	Pdc	16.51	kW	$T_j = +30 ^{\circ}C$ EER _d	5.81	%	
$T_{j} = +25 \ ^{\circ}C$	Pdc	10.62	kW	$T_j = +25 ^{\circ}C$ EER _d	8.13	%	
$T_{j} = +20 {}^{\circ}C$	Pdc	6.97	kW	$T_j = +20$ °C EER _d	12.08	8 %	
			-				
Degradation co-	C	0.25					
efficient air	C_d	0.25	-				
Power consumption in	modas	othor th	on 'activa				
mode'	modes	other th	all active				
Off mode	POFF	0.000	kW	Crankcase heater mode Por	0.03	kW	
Thermostat-off mode	PTO	0.076	kW	Standby mode Psp	0.07	kW	
Thermostar off mode	110	0.070			0.07	, R ,	
Other items							
				For air-to-air air			
				conditioner: Nominal air	500	2.1	
Capacity control	variable	e		flow rate, outdoor -	J500 1	n³/h	
				measured			
Sound power level,	L _{WA}	79.0	dB				
outdoor	-		mg/kWh				
if engine driven:			fuel				
Emissions of nitrogen	NO _x	-	input				
oxides			GCV				
	F		kg CO2 eq				
GWP of the refrigerant		2088	(100				
			years)				
	MITSU	BISHI I	ELECTRIC	C CONSUMER PRODUCTS (THAILAND) C	CO., LTD.		
Contact details	Amata Nakorn Industrial			l Estate, 700/406 Moo 7, Tambon Don Hu	ua Roh, A	Amphur	
	Muang, Chonburi 20000, Thailand				-		
** If C _d is not determin	ed by m	easurem	ent then th	e default degradation coefficient air conditione	ers shall b	e 0.25.	
Where information rela	tes to m	ulti-split	air condit	ioners, the test result and performance data ma	ay be obta	ined on	
the basis of the perfor	mance of	of the o	utdoor uni	t, with a combination of indoor unit(s) reco	ommended	by the	
manufacturer or importer.							

Model(s): Information to identify the model(s) to which the information relates : Outdoor : PLICX-P250XKA TH (-BS) Indoor : PEEX-P63VMHS2-EX4 units						
Outdoor heat exchanger of air conditioner: air						
Indoor heat exchanger of air conditioner: air						
Type: compressor drive	n vapou	r compre	ession			
if applicable: driver of o	compress	sor: elec	tric motor			
Item	Symbol	Value	Unit	Item Symbol	Valu	e Unit
				Seasonal space		
Rated cooling capacity	P _{rated,c}	28.00	kW	$\begin{array}{ll} cooling & energy \\ efficiency & \eta_{s,c} \end{array}$	270.3	2 %
Declared cooling canac	vity for r	part load	at given	Declared energy efficiency ratio or gas utiliz	ation effi	ciency /
outdoor temperatures	T _i and	indoor	27°/19°C	auxiliary energy factor for part load at	t given	outdoor
(dry/wet bulb)	1) 4114	1110001		temperatures T_i	- <u>B</u> en	00000
$T_i = +35 \ ^{\circ}C$	Pdc	28.00	kW	$T_i = +35 \text{ °C}$ EER _d	4.10	%
$T_{i} = +30 ^{\circ}C$	Pdc	20.64	kW	$T_i = +30 \text{ °C}$ EER _d	5.70	<u>%</u>
$T_{j} = +25 \ ^{\circ}C$	Pdc	13.28	kW	$T_j = +25 \text{ °C}$ EER _d	8.02	<u>⁰⁄₀</u>
$T_{j} = +20 \ ^{\circ}C$	Pdc	7.14	kW	$T_j = +20 \text{ °C}$ EER _d	12.2	2 %
Degradation co-						
efficient air	C_d	0.25	-			
conditioners**						
Power consumption in	modes	other the	an 'active			
mode'	D	0.000	1 337		0.03	1 1 XX
Off mode	POFF	0.000	KW LW	Crankcase heater mode P _{CK}	0.03	2 KW
Thermostat-off mode	P _{TO}	0.070	ĸw	Standby mode P _{SB}	0.07	UKW
Other items						
Other items				For air-to-air air		
				conditioner: Nominal air		
Capacity control	variable	e		flow rate. outdoor - 10	500 1	m³/h
				measured		
Sound power level,	T	00.0	ID			
outdoor	L_{WA}	80.0	aв			
if engine driven.	Γ		mg/kWh			
Emissions of nitrogen	NO	_	fuel			
oxides	ΠΟ _X	-	input			
	_		GCV			
GWP of the refrigerant		2000	kg $CO_{2 eq}$			
		2000	(100 vears)			
	MITSU	BISHI	ELECTRIC	C CONSUMER PRODUCTS (THAILAND) C	0., LTD.	
Contact details	act details Amata Nakorn Industria			1 Estate, 700/406 Moo 7, Tambon Don Hu	a Roh,	Amphur
	Muang,	Chonbu	uri <u>20</u> 000,	Thailand		•
** If C _d is not determin	ed by me	easurem	ent then th	e default degradation coefficient air conditione	rs shall b	e 0.25.
Where information rela	tes to m	ulti-split	air condit	ioners, the test result and performance data ma	y be obta	ained on
the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the						
manufacturer or importer.						

Model(s): Information to identify the model(s) to which the information relates : Outdoor : PLICY-P300YKA TH (-BS) Indoor : PEEY-P50VMHS2-E×6 units							
Outdoor heat exchange	r of air co	ondition		<u>,</u>			
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item Symbol	Valı	ue Unit	
				Seasonal space			
Rated cooling capacity	$P_{\text{rated},c}$	33.50	kW	$\begin{array}{ll} \text{cooling} & \text{energy} \\ \text{efficiency} & \eta_{s,c} \end{array}$	233.	.4 %	
Destand as aline server	:				1:	Fig: 1	
Declared cooling capac	T. and	indoor	at given	Declared energy efficiency ratio or gas util	at given	outdoor	
(dry/wet hulb)	1 ₁ and	muoor	27719 C	temperatures T:	at given	outdoor	
$T_i = +35 $ °C	Pdc	33.50	kW	$T_{i} = +35 ^{\circ}\text{C}$ FFR ₄	3.25	<u>%</u>	
$T_{i} = +30 ^{\circ}\text{C}$	Pdc	24.69	kW	$T_i = +30 \text{ °C}$ EER _d	4.84	, /0 1 <u>%</u>	
$T_{i} = +25 ^{\circ}\text{C}$	Pdc	15.88	kW	$T_i = +25 ^{\circ}\text{C}$ EER ₄	6.87		
$T_{i} = +20 ^{\circ}\text{C}$	Pdc	8.23	kW	$T_i = +20$ °C EER _d	10.3	4 %	
1, 120 0	1 40	0.20			1010	/	
Degradation co-							
efficient air	C_d	0.25	-				
conditioners**	u						
Power consumption in	modes of	other th	an 'active			•	
mode'							
Off mode	Poff	0.000	kW	Crankcase heater mode P _{CK}	0.03	86 kW	
Thermostat-off mode	Pto	0.076	kW	Standby mode P _{SB}	0.07	/0 kW	
Other items							
				For air-to-air air			
Canacity control	variable	•		conditioner: Nominal air	10500	m³/h	
Cupacity control	vunuone			flow rate, outdoor	10200		
~				measured			
Sound power level, outdoor	L _{WA}	80.0	dB				
if onging driven.			mg/kWh				
Emissions of nitrogen	NO		fuel				
oxides	NOx	-	input				
UNITES .			GCV				
GWP of the refrigerant			kg CO _{2 eq}				
C C		2088	(100				
	MITCH	BICULI	years)	CONSUMER PRODUCTS (TUALLAND)			
Contact details Amata Nakorn Industria			Industrial	E Estate 700/406 Moo 7 Tambon Don F	Hua Rob	Amphur	
Contact details	Muang Chonburi 20000 '			ai Estate, 700/400 19100 7, 1 ambon Don Hua Kon, Amphur Thailand			
** If C _d is not determin	red by measurement then the			e default degradation coefficient air condition	ners shall l	be 0.25.	
Where information rela	tes to m	ilti-solit	air condit	ioners, the test result and performance data r	nav be obt	tained on	
the basis of the perfor	mance o	of the o	utdoor uni	t, with a combination of indoor unit(s) rec	commende	d by the	
manufacturer or import	er.					-	

Model(s): Information to identify the model(s) to which the information relates :						
Outdoor: PUCY-P350YKA.TH (-BS)						
Indoor : PEFY-P63VMHS2-E×4 units, PEFY-P50VMHS2-E×2 units						
Outdoor heat exchanger of air conditioner: air						
Indoor heat exchanger of air conditioner: air						
Type: compressor drive	en vapoui	compre	ession			
if applicable: driver of	compress	or: elect	tric motor			
Item	Symbol	Value	Unit	Item Symbol Valu	e Unit	
Rated cooling capacity	P _{rated,c}	40.00	kW	$ \begin{array}{c} \text{Seasonal} & \text{space} \\ \text{cooling} & \text{energy} \\ \text{efficiency} & \eta_{\text{s,c}} \end{array} \end{array} 263. $	8 %	
Declared cooling capac	city for p	art load	at given	Declared energy efficiency ratio or gas utilization effi	iciency /	
outdoor temperatures	T_j and	indoor	27°/19°C	auxiliary energy factor for part load at given	outdoor	
(dry/wet bulb)	D.L.	40.00	1 887	temperatures I_j	•	
$I_j = +35 ^{\circ}\text{C}$	Pdc	40.00	KW	$I_j = +35 \text{ °C}$ EER _d 4.10	%	
$T_j = +30 ^{\circ}C$	Pdc	29.49	kW	$T_j = +30 ^{\circ}\text{C}$ EER _d 5.26	%	
$T_j = +25 ^{\circ}C$	Pdc	18.97	kW	$T_j = +25 ^{\circ}C$ EER _d 7.65	%	
$T_{j} = +20 {}^{\circ}C$	Pdc	12.43	kW	$T_j = +20 ^{\circ}\text{C}$ EER _d 12.19	9 %	
Degradation co- efficient air conditioners**	C _d	0.25	-			
Power consumption in	modes of	other that	an 'active			
mode'						
Off mode	P _{OFF}	0.000	kW	Crankcase heater mode P_{CK} 0.03	6 kW	
Thermostat-off mode	P _{TO}	0.076	kW	Standby mode P_{SB} 0.07	0 kW	
Other items						
Capacity control	variable	;		For air-to-air air conditioner: Nominal air flow rate, outdoor - measured 10500	m³/h	
Sound power level, outdoor	L _{WA}	83.0	dB			
if engine driven:			mg/kWh			
Emissions of nitrogen	NO _x		fuel			
oxides			input			
	_		GCV			
GWP of the refrigerant		1000	kg $CO_2 eq$			
		2088	(100)			
	MITSU	BISHI F	JUECTRI	C CONSUMER PRODUCTS (THAILAND) CO. LTD		
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	Muang	Chonbi	ri 20000.	Thailand		
** If C _d is not determin	ed by me	easureme	ent then th	e default degradation coefficient air conditioners shall b	e 0.25.	
Where information rela	ites to m	ilti-split	air condit	tioners, the test result and performance data may be obta	ained on	
the basis of the perfor	mance o	f the ou	utdoor uni	it, with a combination of indoor unit(s) recommended	l by the	
manufacturer or importer.						

Model(s): Information to identify the model(s) to which the information relates :							
Outdoor : PUCY-P400YKA.TH (-BS)							
Indoor : PEFY-P71VMHS2-E×5 units, PEFY-P50VMHS2-E×1 unit							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of	Indoor heat exchanger of air conditioner: air						
Type: compressor drive	en vapou	compre	ession				
if applicable: driver of	compress	sor: elect	tric motor				
Item	Symbol	Value	Unit	Item Symbol Valu	e Unit		
Rated cooling capacity	P _{rated,c}	44.00	kW	$ \begin{array}{c} \text{Seasonal} & \text{space} \\ \text{cooling} & \text{energy} \\ \text{efficiency} & \eta_{\text{s,c}} \end{array} \end{array} 249. $	0 %		
Declared cooling capac	city for p	art load	at given	Declared energy efficiency ratio or gas utilization effi	ciency /		
outdoor temperatures	T_j and	indoor	27°/19°C	auxiliary energy factor for part load at given	outdoor		
$T_{1} = +35 \ ^{\circ}C$	Pdc	44 00	kW	$T_{-} = +35 ^{\circ}\text{C}$ FFR $_{1}$ 3.26	0/2		
$T_{j} = +35 \text{ C}$ $T_{i} = \pm 30 \text{ °C}$	Pdc	32 /3	kw	$T_1 = +30 ^{\circ}\text{C}$ EER (3.20)			
$T_{j} = +30^{\circ} C$ $T_{i} = +25^{\circ} C$	Pdc	20.86	kw	$T_{1} = +35 \text{ °C}$ EER (7.60)			
$T_{j} = +20 \text{ °C}$ $T_{i} = +20 \text{ °C}$	Pdc	20.00	kw	$T_{1} = +20 ^{\circ}\text{C}$ EER 11143			
$I_{j} = +20$ C	1 uc	0.05	K VV	$I_j = +20$ C LLR_d	, 70		
Degradation co-	C	0.25	-				
conditioners**	Cd	0.25	-				
Power consumption in	modes	other the	an 'active				
mode'	moues		an active				
Off mode	Porr	0.000	kW	Crankcase heater mode Pow 0.03	6 kW		
Thermostat-off mode	PTO	0.076	kW	Standby mode P_{SP} 0.07	0 kW		
Thermostat on mode	110	0.070			0		
Other items							
				For air-to-air air			
~				conditioner: Nominal air			
Capacity control	variable	e		flow rate, outdoor - 10500	m³/h		
				measured			
Sound power level.	-						
outdoor	Lwa	83.0	dB				
·c 1.			mg/kWh				
Il engine driven:	NO		fuel				
enides	NO _x	-	input				
Oxides			GCV				
GWP of the refrigerant			kg CO _{2 eq}				
G WI of the ferrigerant		2088	(100				
		-	years)				
G 1 1	C CONSUMER PRODUCTS (THAILAND) CO., LTD.						
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** 100	Muang,	Chonbu	iri 20000,		0.25		
The If C_d is not determined by the second secon	ed by me	easurem	ent then th	the default degradation coefficient air conditioners shall b	e 0.25.		
the basis of the real	tes to m	uu-spiit	air condit	uoners, me test result and performance data may be obta	aned on		
me basis of the perfor	manufacturer or importer						
manufacturer or importer.							

Model(s): Information to identify the model(s) to which the information relates :						
Outdoor : PUCY-P450YKA.TH (-BS)						
Indoor : PEFY-P80VMHS2-E×4 units, PEFY-P71VMHS2-E×2 units						
Outdoor heat exchanger of air conditioner: air						
Indoor heat exchanger of	of air cor	ditioner	: air			
Type: compressor drive	en vapou	compre	ession			
if applicable: driver of o	compress	or: elect	tric motor			
Item	Symbol	Value	Unit	Item Symbol Val	ue Unit	
Rated cooling capacity	P _{rated,c}	48.00	kW	$ \begin{array}{c c} Seasonal & space \\ cooling & energy \\ efficiency & \eta_{s,c} \end{array} \end{array} 242 $.2 %	
Declared cooling capac	city for p	art load	at given	Declared energy efficiency ratio or gas utilization eff	iciency /	
outdoor temperatures	T_j and	indoor	27°/19°C	auxiliary energy factor for part load at given	outdoor	
(dry/wet buib)	D.I.	49.00	1.337	$\begin{bmatrix} \text{temperatures } 1 \end{bmatrix}$		
$I_j = +35 ^{\circ}C$	Pac	48.00		$I_j = +35$ °C EER _d 3.09	<u>₩</u>	
$T_j = +30$ °C	Pac	35.40	KW	$I_j = +30$ °C EER _d 4.43		
$I_j = +25 ^{\circ}C$	Pdc	22.77	KW	$I_j = +25 ^{\circ}\text{C}$ EER _d (7.39)		
$I_j = +20 {}^{\circ}\mathrm{C}$	Pdc	10.13	ĸw	$I_j = +20$ °C EER _d 11.3	5 %	
Degradation co- efficient air	C _d	0.25	-			
Dower consumption in	modes	than the	n 'activa			
mode'	modes	Julier una	all active			
Off mode	Dorr	0.000	ĿW	Crankcase heater mode Pau 003	6 kW	
Thermostat off mode	D _{mo}	0.000	LW	Standby mode Par 0.0	I LW	
Thermostat-on mode	1 10	0.001	K VV		U KW	
Other items						
Other items				For air-to-air air		
Capacity control	variable	•		conditioner: Nominal air flow rate, outdoor - 10500 measured	m³/h	
Sound power level, outdoor	Lwa	84.0	dB			
if engine driven:			mg/kWh			
Emissions of nitrogen	NO		fuel			
oxides	1101		input			
	L		GCV			
GWP of the refrigerant		2000	kg CO _{2 eq}			
_		2088	(100			
	MITSU	BISHI	JEALS)	C CONSUMER PRODUCTS (THAILAND) COLUTD		
Contact details	Amata	Nakorn	Industria	1 Estate 700/406 Moo 7 Tambon Don Hua Roh	Amnhur	
Contact actuils	Muang	Chonbi	iri 20000	Thailand	mpnui	
** If C _d is not determin	ed by me	easurem	ent then th	e default degradation coefficient air conditioners shall	pe 0.25	
Where information rela	ites to m	ilti-split	air condi	tioners, the test result and performance data may be obt	ained on	
the basis of the perfor	mance of	f the ou	utdoor un	it, with a combination of indoor unit(s) recommende	d by the	
manufacturer or importer.						

Model(s): Information to identify the model(s) to which the information relates :						
Outdoor : PUC I -P300 I KA. I H (-BS) Indoor : PEF I -P63 V MHS2-E×8 units						
Indoor 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 Uni		
				Seasonal space		
Rated cooling capacity	P _{rated,c}	56.00	kW	$\begin{array}{c} cooling & energy \\ efficiency & \eta_{s,c} \end{array} \qquad \qquad \mbox{259.0} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		
Declared cooling capacit	ity for p	art load	l at given	Declared energy efficiency ratio or gas utilization efficiency		
outdoor temperatures	T_j and	indoor	27°/19°C	auxiliary energy factor for part load at given outdo		
(dry/wet bulb)			_	temperatures T _j		
$T_j = +35 \ ^{\circ}C$	Pdc	56.00	kW	$T_j = +35 ^{\circ}C$ EER _d 3.52		
$T_{j} = +30 \ ^{o}C$	Pdc	41.29	kW	$T_j = +30 ^{\circ}C$ EER _d 4.53		
$T_j = +25 \ ^{\circ}C$	Pdc	26.57	kW	$T_j = +25 \text{ °C}$ EER _d 7.89 %		
$T_j = +20 \ ^{\circ}C$	Pdc	11.82	kW	$T_j = +20 ^{\circ}C$ EER _d 12.14 %		
			_			
Degradation co-	C	0.05				
efficient air	C_d	0.25	-			
Power consumption in	modes	other th	an 'active			
mode'	moues	Juici ui				
Off mode	POFF	0.000	kW	Crankcase heater mode PCK 0.036 kW		
Thermostat-off mode	Рто	0.081	kW	Standby mode Psp 0.070 kW		
	10					
Other items		1				
				For air-to-air air		
Capacity control	variable			conditioner: Nominal air		
Capacity control	variable	,		flow rate, outdoor		
				measured		
Sound power level, outdoor	L _{WA}	85.0	dB			
if engine driven.			mg/kWh			
Emissions of nitrogen	NO _x		fuel			
oxides	1.01		input			
	_		GCV			
GWP of the refrigerant		2088	$kg CO_{2 eq}$			
	-	2000	vears)			
	MITSU	JBISHI	ELECTRI	C CONSUMER PRODUCTS (THAILAND) CO., LTD.		
Contact details Amata Nakorn Industria Muang, Chonburi 20000,			n Industria	l Estate, 700/406 Moo 7, Tambon Don Hua Roh, Amph		
			uri 20000,	Thailand		
** If Cd is not determine	ed by me	easurem	ent then the	e default degradation coefficient air conditioners shall be 0.25.		
Where information relat	es to m	ılti-split	air conditi	ioners, the test result and performance data may be obtained of		
the basis of the perform	mance of	of the o	utdoor unit	t, with a combination of indoor unit(s) recommended by th		
I manufacture on immonte	er.					

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