PRODUCT INFORMATION
PURY-P* * * YLM-A1(-BS)
For Europe Regulation

Model(s): Information t	o identif	y the mo	odel(s) to whi	ch the information re	elates :					
Outdoor: PURY-P200YLM-A1(-BS) Indoor: PEFY-P50VMHS2-E×4units										
Outdoor heat exchanger of air conditioner: air										
Indoor heat exchanger of										
Type: compressor drive										
if applicable: driver of o										
Item	Symbol			Item	Symbol	Valu	e Unit			
Rated cooling capacity	$P_{\text{rated,c}}$	22.40	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	265.4	1 %			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					efficiency ratio ary energy factor fo ires T _j EER _d EER _d					
$T_j = +25$ °C	Pdc	10.62	kW	$T_{j} = +25 {}^{\circ}\text{C}$	EER_d	9.35	9/o			
$T_{j} = +20 {}^{\circ}\text{C}$	Pdc	10.15	kW	$T_{j} = +20 {}^{\circ}\text{C}$	EER_d	13.63	3 %			
Degradation coefficient air conditioners** Power consumption ir mode' Off mode Thermostat-off mode	-	0.25 other 0.000 0.089	1	Crankcase h mode Standby mode	heater $ ho_{CK}$ $ ho_{SB}$		k kW			
Other items						, ,				
Capacity control	variable			For air-to-air conditioner: Not air flow rate, ou measured	_	11100 r	n³/h			
Sound power level, outdoor	L _{WA}	32.5	dB							
if engine driven: Emissions of nitrogen oxides	NO _x		mg/kWh fuel input GCV							
GWP of the refrigerant	12	2088	kg CO _{2 eq}							
. 6			(100 years)	CORPORATION						
Contact details				EFRIGERATION S	VCTEMC WODVC					
Contact details										
** If C. is not determin	5-66,Tebira 6 Chome, Wakayama-City 640-8686,Japan ** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.									
11 Cd 18 Hot determin	eu by me	asureme	in then the d	ciauit degradadoli co		Oners shall b				

^{**} 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 the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

Information to identify the									
Outdoor: PURY-P200Y				: P	EFY-P50VMHS2-E×4	units			
Outdoor heat exchanger			ir						
Indoor heat exchanger of									
Indication if the heater is					•				
Parameters shall be decl	ared for	the ave	age heating	ıg s	eason, parameters for th	e warmer and co	lder hea	ating se	asons
are optional.									
Item	Symbol	Value	Unit	- 1	Item	Symbol		Value	Unit
Rated heating capacity	Prated h	25.00	kW		Seasonal space heating	$\eta_{s,h}$		152.2	%
	ruted,ii			4	energy efficiency				
Declared heating capaci	ity for p	art load	at indoor	.	Declared coefficient of				
temperature 20 °C and o					efficiency / auxiliary e outdoor temperatures T _i		r part 10	oad at	given
$T_i = -7$ °C	Pdh	19.50	1-337		$T_i = -7 ^{\circ}\text{C}$	COP_d		2.19	<u>%</u>
$T_j = -7$ C $T_j = +2$ °C	Pdh	13.48			$T_i = +2 ^{\circ}\text{C}$	COP_d		3.47	9 /0
$T_i = +7 ^{\circ}C$	Pdh	8.67			$T_i = +7 ^{\circ}\text{C}$	COP _d		6.33	9 /0
$T_i = +12 ^{\circ}\text{C}$	Pdh	5.64			$T_i = +12 ^{\circ}\text{C}$	COP _d		8.13	9 /0
$T_i = \text{bivalent}$	run	3.04	KW		$T_j = +12$ C $T_j = \text{bivalent}$	COrd		0.13	
temperature	Pdh	20.19	kW		temperature	COP_d		2.61	%
T_i = operation limit	Pdh	12.55	kW		T_i = operation limit	COP_d		1.99	%
For air-to-water heat	1 UII	12.33	KW		For water-to-air heat	COId		1.77	70
pumps: $T_i = -15$ °C (if	Pdh	-	kW		pumps: $T_i = -15$ °C (if	COP_4		-	9/o
$T_{OL} < -20 ^{\circ}\text{C}$	1 011		IX 11		T_{OL} < -20 °C)	COTU			/•
TOL :					For water-to-air heat				1
Bivalent temperature	T_{biv}	-5.0	°C		pumps: Operation limit	T_{ol}		-	°C
r	01.				temperature	0.			
					-				1
Degradation co-	C	0.25							1
efficient heat pumps**	C_{dh}	0.25	-						
Power consumption in	modes	other th	nan 'active	; [Supplementary heater				
mode'			,		Supplementary neater				_
Off mode	P_{OFF}	0.000	kW		Electric back-up	elbu		0.000	kW
					heating capacity *	C104		0.000	1. , ,
Thermostat-off mode	P_{TO}	0.089			Type of energy input				
Crankcase heater mode	P _{CK}	0.044	kW		Standby mode	P_{SB}		0.084	kW
Other items									
					For air-to-air heat				
Capacity control	variable	•			pumps: Nominal air	_	11100	n	1 ³ /h
					flow rate, outdoor measured				
Sound power level,					For water-/brine-to-air				
indoor / outdoor	I	82.5	dB		heat pumps: Rated				
measured	LWA	32.5	uБ		brine or water flow	_	_	m	1 ³ /h
E	_				rate, outdoor heat			1.	. / 11
oxides (if applicable)	NO _x	-	mg/kWh		exchanger				
	L.	2000	kg CO _{2 eq}						
GWP of the refrigerant		2088	(100 years)						
					CORPORATION			-	
Contact details					EFRIGERATION SYST				
					vama-City 640-8686,Japa				
** If C _d is not determine									
Where information relat									
basis of the performan		ne outd	oor unit, v	W1	th a combination of in	idoor unit(s) re	commer	ided b	y the
manufacturer or imported	Γ.								

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 $^{(1) \ \} This \ information \ is \ based \ on \ COMMISSION \ REGULATION (EU) 2016/2281$

Model(s): Information t	o identif	y the mo	odel(s) to whi	Model(s): Information to identify the model(s) to which the information relates :										
Outdoor: PURY-P250YLM-A1(-BS) Indoor: PEFY-P63VMHS2-E×4units														
Outdoor heat exchanger of air conditioner: air														
Indoor heat exchanger of														
Type: compressor drive														
if applicable: driver of o														
Item	Symbol	Value	Unit	Item	Symbol	Value	e Unit							
Rated cooling capacity	$P_{\text{rated},c}$	28.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	277.0	%							
Declared cooling capa outdoor temperatures (dry/wet bulb) T _i = +35 °C			or 27°/19°C		efficiency ratio lary energy factor for tres T _j EER _d									
$T_i = +30 ^{\circ}\text{C}$	Pdc	20.64		$T_i = +30$ °C	EER _d	5.04	9/0							
$T_i = +25 ^{\circ}\text{C}$	Pdc	13.27		$T_i = +25$ °C	EER _d	9.40	9/0							
$T_i = +20 ^{\circ}\text{C}$	Pdc	8.93	kW	$T_i = +20$ °C	EER _d	14.93								
Degradation coefficient air conditioners**	C_{d}	0.25	-											
Power consumption in mode'	modes	other	than 'active			"								
Off mode	P_{OFF}	0.000	kW	Crankcase h	neater P _{CK}	0.044	kW							
Thermostat-off mode	P_{TO}	0.089	kW	Standby mode	P_{SB}	0.084	kW							
Other items		1	1											
Capacity control	variable			For air-to-air conditioner: Nor air flow rate, ou measured	_	11100 n	n³/h							
Sound power level, outdoor	Lwa 8	33.5	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)											
	MITSU	BISHI E		CORPORATION										
Contact details				EFRIGERATION S										
5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan														
** If C _d is not determine	ed by me	asureme	ent then the d	efault degradation co	pefficient air conditi	oners shall be	0.25.							

^{**} 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 the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

Information to identify the										
Outdoor: PURY-P250YLM-A1(-BS) Indoor: PEFY-P63VMHS2-E×4units										
Outdoor heat exchanger										
Indoor heat exchanger of										
Indication if the heater is										
Parameters shall be decl	ared for	the ave	rage heating	S	eason, parameters for t	he warmer and o	colder he	eating	seasons	
are optional.										
Item	Symbol	Value	Unit	1	Item	Symbol		Value	e Unit	
Rated heating capacity	$P_{\text{rated},h}$	31.50	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$		149.8	8 %	
Declared heating capacitemperature 20 °C and o					Declared coefficient efficiency / auxiliary outdoor temperatures	energy factor f				
$T_i = -7$ °C	Pdh	23.01	kW		$T_i = -7$ °C	COPd		2.25	9/o	
$T_i = +2 ^{\circ}\text{C}$	Pdh	16.96			$T_i = +2 ^{\circ}C$	COP_d		3.24	%	
$T_i = +7 ^{\circ}C$	Pdh	10.91			$T_j = +7$ °C	COP _d		5.83	9 /0	
$T_i = +12 ^{\circ}C$	Pdh	5.87			$T_i = +12 ^{\circ}\text{C}$	COP_d		9.25	%	
$T_j = 12$ C $T_j = bivalent$			1		$T_i = \text{bivalent}$					
temperature	Pdh	25.71	kW		temperature	COP_d		2.95	0/o	
T_i = operation limit	Pdh	15.35	kW		T_i = operation limit	COP_d		2.00	9/o	
For air-to-water heat	1 011	15.55	K ***		For water-to-air heat	COI		2.00	∀ ′•	
pumps: $T_i = -15$ °C (if	Pdh	l_	kW		pumps: $T_j = -15$ °C	COP_d		_	0/0	
$T_{OL} < -20 ^{\circ}\text{C}$	1 411		IC VV		$(if T_{OL} < -20 ^{\circ}C)$	COTU			70	
OL 1 1 1			1		For water-to-air heat					
Bivalent temperature	$T_{\rm biv}$	-5.2	°C		pumps: Operation	T_{ol}		-	°C	
1	01.				limit temperature	0.				
					1					
Degradation co-	C	0.05								
efficient heat pumps**	C_{dh}	0.25	-							
Power consumption in	modes	other t	han 'active		Supplementary heater				•	
mode'			7						7	
Off mode	P_{OFF}	0.000	kW		Electric back-up heating capacity *	elbu		0.000	kW	
Thermostat-off mode	D	0.089	1,337		Type of energy input					
Crankcase heater mode	P _{TO}	0.039			Standby mode	P_{SB}		0.004	kW	
Other items	PCK	0.044	KW	-	Standby mode	P _{SB}		0.084	KVV	
Other items					For air-to-air heat					
					pumps: Nominal air					
Capacity control	variable	e			flow rate, outdoor	-	11100	n	n³/h	
					measured					
Sound power level,				-	For water-/brine-to-					
indoor / outdoor	Iwa	83.5	dB		air heat pumps:					
measured	LWA	03.5	uБ		Rated brine or water	_	_	n	n³/h	
Emissions of nitrogen					flow rate, outdoor		-	11	1 / 11	
oxides (if applicable)	NO_x	-	mg/kWh		heat exchanger					
			kg CO _{2 eq}		nout exchanger					
GWP of the refrigerant	:	2088	(100 years)				<u> </u>			
			ELECTRIC		CORPORATION					
Contact details					EFRIGERATION SYS					
					ama-City 640-8686,Jaj					
** If C _d is not determine										
Where information relat										
basis of the performan		he outd	loor unit, v	wi	th a combination of	indoor unit(s) r	ecomme	ended	by the	
manufacturer or imported	r.									

Model(s): Information t	o identif	y the mo	del(s) to whi	ich the information r	elates :						
Outdoor: PURY-P300YLM-A1(-BS) Indoor: PEFY-P50VMHS2-E×6units											
Outdoor heat exchanger	Outdoor heat exchanger of air conditioner: air										
Indoor heat exchanger of											
Type: compressor drive											
if applicable: driver of o	compress	or: elect	ric motor								
Item	Symbol	Value	Unit	Item	Symbol	Valu	e Unit				
Rated cooling capacity	$P_{\text{rated,c}}$	33.50	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	257.	4 %				
Declared cooling capa outdoor temperatures (dry/wet bulb) $T_j = +35$ °C			r 27°/19°C	efficiency / auxil outdoor temperature $T_j = +35$ °C	efficiency ratio iary energy factor for ares T _j EER _d		at given				
$T_j = +30 ^{\circ}\text{C}$	Pdc	24.70	kW	$T_{\rm j} = +30 {}^{\circ}{\rm C}$	EER_d	4.69	%				
$T_j = +25$ °C	Pdc	15.88	kW	$T_j = +25$ °C	EER_d	8.04	%				
$T_j = +20 ^{\circ}C$	Pdc	11.25	kW	$T_j = +20$ °C	EER_d	14.4	8 %				
Degradation coefficient air conditioners** Power consumption in mode'	-	0.25	than 'active	Crankcase	neater p						
Off mode	P_{OFF}	0.000	kW	mode	P_{CK}	0.04	3 kW				
Thermostat-off mode	P_{TO}	0.090	kW	Standby mode	P_{SB}	0.08	4 kW				
Other items											
Capacity control	variable			For air-to-air conditioner: No air flow rate, ou measured	_	13800	m³/h				
Sound power level, outdoor	L _{WA}	86.0	dB								
if engine driven: Emissions of nitrogen oxides	NO _x	•	mg/kWh fuel input GCV								
GWP of the refrigerant		2088	kg CO _{2 eq}								
	MITCH	RICHI E	(100 years)	ORPORATION							
Contact details				EFRIGERATION S	VSTEMS WORKS						
Contact details											
** If C ₄ is not determine	5-66,Tebira 6 Chome, Wakayama-City 640-8686,Japan ** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.										
TI Ca is not determine	ou by mic	1. 11		iciauri ucgrauation c			. 1				

^{**} 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 the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

7 0 1 11 10		•									
Information to identify the model(s) to which the information relates :											
Outdoor: PURY-P300Y				P	EFY-P50VMHS2-E×	6units					
Outdoor heat exchanger											
Indoor heat exchanger o											
Indication if the heater is											
Parameters shall be decl	ared for	the aver	age heating	S	eason, parameters for t	he warmer and o	colder he	ating	seasons		
are optional.											
Item	Symbo	l Value	Unit		Item	Symbol		Value	Unit		
					Seasonal space						
Rated heating capacity	$P_{\text{rated},h}$	37.50	kW		heating energy	$\eta_{s,h}$		150.2	%		
					efficiency						
Dealard hasting some	ity for a	nomt 100	l at indoor		Declared coefficient	of performanc	e or ga	as uti	lization		
Declared heating capac temperature 20 °C and c					efficiency / auxiliary		or part	load a	t given		
temperature 20°C and C	outdoor to	emperat	ure 1 _j		outdoor temperatures '	$\Gamma_{ m j}$			_		
$T_j = -7$ °C	Pdh	28.13	kW		$T_j = -7$ °C	COP_d		2.35	%		
$T_j = +2 {}^{\circ}C$	Pdh	20.21	kW		$T_j = +2 {}^{\circ}C$	COP_d		3.39	%		
$T_j = +7 ^{\circ}C$	Pdh	12.99	kW		$T_i = +7$ °C	COP_d		6.27	9/o		
$T_i = +12 {}^{\circ}\text{C}$	Pdh		kW		$T_i = +12 {}^{\circ}\text{C}$	COP_d		9.17	%		
$T_i = bivalent$	D.11		1		$T_i = bivalent$	COD		2.00	0,		
temperature	Pdh	28.85	kW		temperature	COP_d		2.69	%		
$T_i = $ operation limit	Pdh	18.79	kW		$T_i = $ operation limit	COP_d		1.87	%		
For air-to-water heat					For water-to-air heat	u			1		
pumps: $T_i = -15$ °C (if		_	kW		pumps: $T_j = -15$ °C	COP_d		-	9/0		
$T_{OL} < -20 ^{\circ}\text{C}$					$(if T_{OL} < -20 ^{\circ}C)$	u			'		
OE /			1		For water-to-air heat				1		
Bivalent temperature	$T_{\rm biv}$	-4.0	°C		pumps: Operation	Tol		-	°C		
r	- 01v				limit temperature	- 01					
			-						1		
Degradation co-			1								
efficient heat pumps**	C_{dh}	0.25	-								
Power consumption in	modes	other f	han 'active								
mode'	1110000	001101			Supplementary heater						
			1.		Electric back-up				٦.		
Off mode	P_{OFF}	0.000	kW		heating capacity *	elbu		0.000	kW		
Thermostat-off mode	P_{TO}	0.090	kW		Type of energy input						
Crankcase heater mode		0.043	-1		Standby mode	P_{SB}		0.084	kW		
Other items	1 CK	0.043	KVV	1	Standoy mode	1 2B		0.001	KVV		
Other items				1	For air-to-air heat						
					pumps: Nominal air						
Capacity control	variable	e			flow rate, outdoor	-	13800	n	1 ³ /h		
					measured						
Sound power level,				1	For water-/brine-to-						
indoor / outdoor	l II	86.0	dB		air heat pumps:						
measured	LWA	00.0	GD		Rated brine or water	_	_	n	n³/h		
Emissions of nitrogen	_				flow rate, outdoor	_	-	11	1-/11		
oxides (if applicable)	NO_x	-	mg/kWh		heat exchanger						
oxides (ii applicable)	_		kg CO _{2 eq}		neat exchanger						
GWP of the refrigerant		2088	(100 years)								
	MITSI	BISHI		(CORPORATION		1				
Contact details					EFRIGERATION SYS	TEMS WORKS					
5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan											
** If C _d is not determine							mps shal	l be 0	.25.		
** If C _d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the											
basis of the performar											
manufacturer or importe			, "	.,		(-)			,		

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

Model(s): Information t	o identif	v the mo	ndel(s) to whi	ch the information r	elates ·		
Outdoor: PURY-P350Y		-				MHS2-E×2	units
Outdoor heat exchanger				1 1 03 (1)11152 1.	1411113,12111301	111102 2 12	carres .
Indoor heat exchanger of							
Type: compressor drive							
if applicable: driver of c							
Item	Symbol			Item	Symbol	Value	e Unit
	•			Seasonal space	•		
Rated cooling capacity	$P_{\text{rated},c}$	40.00	kW	cooling energy efficiency	$\eta_{s,c}$	257.0	%
Declared cooling capa outdoor temperatures (dry/wet bulb)	T _j and	l indoo	or 27°/19°C	efficiency / auxilioutdoor temperatu	•	or part load a	t given
$T_j = +35$ °C	Pdc	40.03	4	$T_j = +35$ °C	EER_d	3.40	%
$T_j = +30$ °C	Pdc	29.48		$T_j = +30$ °C	EER_d	4.99	%
$T_j = +25$ °C	Pdc	18.96		$T_j = +25$ °C	EER_d	8.11	%
$T_j = +20$ °C	Pdc	11.34	kW	$T_j = +20$ °C	EER_d	11.25	%
Degradation co- efficient air conditioners**	C_{d}	0.25	-				_
Power consumption in	modes	other	than 'active				
mode'							
Off mode	P_{OFF}	0.000	kW	Crankcase h	neater P _{CK}	0.051	kW
Thermostat-off mode	P_{TO}	0.081	kW	Standby mode	P_{SB}	0.076	kW
Other items		I					
Capacity control	variable	;		For air-to-air conditioner: Nor air flow rate, ou measured		13800 n	n³/h
Sound power level, outdoor	L _{WA}	86.0	dB				
if engine driven:			mg/kWh				
Emissions of nitrogen	NO_x	-	fuel input				
oxides			GCV				
GWP of the refrigerant		2088	kg CO _{2 eq} (100 years)				
			ELECTRIC C	ORPORATION			
Contact details	AIR-CO	ONDITI	ONING & RI	EFRIGERATION S	YSTEMS WORKS		
5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan							
** If C _d is not determine Where information rela							

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 to identify the model(s) to which the information relates : Outdoor: PURY-P350YLM-A1(-BS) Indoor: PEFY-P63VMHS2-E×4units, PEFY-P50VMHS2-E×2units Outdoor heat exchanger of air conditioner: air Indoor heat exchanger of air conditioner: air Indication if the heater is equipped with a supplementary heater: no Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional. Symbol Value Unit Symbol Value Unit Item Item Seasonal space % Rated heating capacity P_{rated.h} 45.00 kW heating energy $\eta_{s,h}$ 139.0 efficiency Declared coefficient of performance or gas utilization Declared heating capacity for part load at indoor efficiency / auxiliary energy factor for part load at given temperature 20 °C and outdoor temperature T_i outdoor temperatures T_i $T_i = -7$ °C $T_i = -7$ °C Pdh 31.14 kW COP_d 2.12 % $T_i = +2$ °C $T_i = +2$ °C Pdh 24.24 kW COP_d 3.00 0/0 $T_i = +7 \, ^{\circ}C$ Pdh **15.59** kW $T_i = +7$ °C COP_d 5.43 0/0 $T_i = +12$ °C Pdh 8.05 kW $T_i = +12 \,{}^{\circ}C$ 7.38 0/0 COP_d $T_i = bivalent$ $T_i = bivalent$ 35.11 kW 0/0 Pdh COP_d 2.96 temperature temperature 2.37 22.55 T_i = operation limit Pdh kW T_i = operation limit COP_d % For air-to-water heat For water-to-air heat kW pumps: $T_j = -15$ °C (if Pdh pumps: $T_j = -15$ °C COP_d % $(if T_{OL} < -20 \, ^{\circ}C)$ $T_{OL} < -20 \, ^{\circ}C)$ For water-to-air heat Bivalent temperature $^{\circ}C$ pumps: Operation Tol °C T_{biv} -4.3 limit temperature Degradation 0.25 C_{dh} efficient heat pumps** Power consumption in modes other than 'active Supplementary heater mode' Electric back-up Off mode **0.000** kW elbu 0.000 kW Poff heating capacity * Thermostat-off mode P_{TO} 0.081 kW Type of energy input Crankcase heater mode PCK **0.051** kW Standby mode **0.076** kW Other items For air-to-air heat pumps: Nominal air variable 13800 Capacity control m³/h flow rate, outdoor measured Sound power level, For water-/brine-toindoor outdoor LwA 86.0 dB heat air pumps: measured m³/h Rated brine or water -Emissions of nitrogen flow rate, outdoor NO_x mg/kWh oxides (if applicable) heat exchanger kg CO_{2 eq} GWP of the refrigerant 2088 (100 years) MITSUBISHI ELECTRIC CORPORATION Contact details AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan ** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25. 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.

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

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Model(s): Information t	o identif	v the mo	ndel(s) to whi	ch the information r	elates :				
Outdoor: PURY-P400		-				MHS2-E×1	ınit		
Outdoor heat exchanger				11,1,1,111222		111102 2 1			
Indoor heat exchanger of									
Type: compressor drive									
if applicable: driver of o									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
	-			Seasonal space	-				
Rated cooling capacity	$P_{\text{rated},c}$	45.00	kW	cooling energy efficiency	$\eta_{s,c}$	229.4	%		
Declared cooling capa outdoor temperatures (dry/wet bulb) $T_j = +35$ °C $T_j = +30$ °C $T_j = +25$ °C $T_j = +20$ °C			r 27°/19°C kW kW kW		efficiency ratio iary energy factor for ares T _j EER _d EER _d EER _d EER _d		t given		
	C_{d}	0.25	-						
Power consumption in mode'	n modes	other	than 'active						
Off mode	P_{OFF}	0.000	kW	Crankcase h	neater P _{CK}	0.054	kW		
Thermostat-off mode	P_{TO}	0.078	kW	Standby mode	P_{SB}	0.073	kW		
Other items									
Capacity control	variable	;		For air-to-air conditioner: Not air flow rate, ou measured		13800 n	1 ³ /h		
Sound power level, outdoor	Lwa	86.0	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)						
MITSUBISHI ELECTRIC CORPORATION Contact details AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan ** If C _d is not determined by measurement then the default degradation coefficient air conditioners shall be 0.25.									
Where information rela									

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 to identify the model(s) to which the information relates : Outdoor: PURY-P400YLM-A1(-BS) Indoor: PEFY-P71VMHS2-E×5units, PEFY-P50VMHS2-E×1unit Outdoor heat exchanger of air conditioner: air Indoor heat exchanger of air conditioner: air Indication if the heater is equipped with a supplementary heater: no Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional. Symbol Value Unit Symbol Value Unit Item Item Seasonal space % Rated heating capacity P_{rated.h} 45.00 kW heating energy $\eta_{s,h}$ 137.4 efficiency Declared coefficient of performance or gas utilization Declared heating capacity for part load at indoor efficiency / auxiliary energy factor for part load at given temperature 20 °C and outdoor temperature T_i outdoor temperatures T_i $T_i = -7$ °C **33.75** kW $T_i = -7$ °C Pdh COP_d 2.49 % $T_i = +2$ °C $T_i = +2 \, {}^{\circ}C$ Pdh 26.94 kW COP_d 2.98 0/0 17.32 kW $T_i = +7 \, ^{\circ}C$ Pdh $T_i = +7$ °C COP_d 5.49 0/0 $T_i = +12$ °C Pdh 9.27 $T_i = +12 \,{}^{\circ}C$ 0/0 kW COP_d 6.80 $T_i = bivalent$ $T_i = bivalent$ 0/0 Pdh 32.89 kW COP_d 2.90 temperature temperature **22.55** kW T_i = operation limit Pdh T_i = operation limit COP_d 2.26 % For air-to-water heat For water-to-air heat kW pumps: $T_j = -15$ °C (if Pdh pumps: $T_j = -15$ °C COP_d % $(if T_{OL} < -20 \, ^{\circ}C)$ $T_{OL} < -20 \, ^{\circ}C)$ For water-to-air heat Bivalent temperature -3.0 $^{\circ}C$ pumps: Operation T_{ol} °C T_{biv} limit temperature Degradation 0.25 C_{dh} efficient heat pumps** Power consumption in modes other than 'active Supplementary heater mode' Electric back-up Off mode **0.000** kW elbu 0.000 kW Poff heating capacity * Thermostat-off mode P_{TO} 0.078 kW Type of energy input Crankcase heater mode PCK **0.054** kW Standby mode **0.073** kW Other items For air-to-air heat pumps: Nominal air variable 13800 Capacity control m³/h flow rate, outdoor measured Sound power level, For water-/brine-toindoor outdoor LwA 86.0 dB heat air pumps: measured m³/h Rated brine or water -Emissions of nitrogen flow rate, outdoor NO_x mg/kWh oxides (if applicable) heat exchanger kg CO_{2 eq} GWP of the refrigerant 2088 (100 years) MITSUBISHI ELECTRIC CORPORATION Contact details AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan ** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25. 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.

Model(s): Information to identify the model(s) to which the information relates :											
Outdoor: PURY-P450Y				Y-P63VMHS2-E×	4units , PEFY-P50V	MHS2-	$E \times 4u$	nits			
Outdoor heat exchanger											
Indoor heat exchanger of											
Type: compressor drive											
if applicable: driver of o				-	<u> </u>		** 1	** *			
Item	Symbol	Value	Unit	Item	Symbol		Value	Unit			
Rated cooling capacity	$P_{\text{rated},c}$	50.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$		253.4	%			
Declared cooling capa outdoor temperatures (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at give outdoor temperatures T _i							
$T_j = +35$ °C	Pdc	50.00	kW	$T_j = +35 ^{\circ}\text{C}$	EER_d		3.49	%			
$T_{i} = +30 {}^{\circ}\text{C}$	Pdc	36.86	-	$T_i = +30 {}^{\circ}\text{C}$	EER_d	_	4.66	%			
$T_j = +25 ^{\circ}C$	Pdc	23.70	kW	$T_j = +25$ °C	EER_d		7.51	0/o			
$T_{j} = +20 {}^{\circ}\text{C}$	Pdc	16.33	kW	$T_{j} = +20 {}^{\circ}\text{C}$	EER_d		13.61	0/o			
Degradation coefficient air conditioners**	C_{d}	0.25	-								
Power consumption in modes other than 'active											
mode'											
Off mode	P_{OFF}	0.000	kW	Crankcase h	neater P _{CK}		0.054	kW			
Thermostat-off mode	P_{TO}	0.084	kW	Standby mode	P_{SB}		0.073	kW			
Other items		1	1								
Capacity control	variable			For air-to-air conditioner: No air flow rate, ou measured	_	19200	m	³ /h			
Sound power level, outdoor	L _{WA}	86.0	dB								
if engine driven: Emissions of nitrogen oxides	NO _x		mg/kWh fuel input GCV								
GWP of the refrigerant	2	2088	kg CO _{2 eq} (100 years)								
Contact details	AIR-CC	NDITI	ELECTRIC C ONING & RI	CORPORATION EFRIGERATION S' rama-City 640-8686							
** 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 the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.											

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

Information to identify the model(s) to which the information relates : Outdoor: PURY-P450YLM-A1(-BS) Indoor: PEFY-P63VMHS2-E×4units, PEFY-P50VMHS2-E×4units Outdoor heat exchanger of air conditioner: air Indoor heat exchanger of air conditioner: air Indication if the heater is equipped with a supplementary heater: no Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional. Symbol Value Unit Symbol Value Unit Item Item Seasonal space 138.2 | % Rated heating capacity P_{rated.h} 56.00 kW heating energy $\eta_{s,h}$ efficiency Declared coefficient of performance or gas utilization Declared heating capacity for part load at indoor efficiency / auxiliary energy factor for part load at given temperature 20 °C and outdoor temperature T_i outdoor temperatures T_i **35.68** kW $T_i = -7$ °C $T_i = -7$ °C Pdh COP_d 2.54 % $T_i = +2$ °C $T_i = +2$ °C Pdh **30.17** kW COP_d 2.98 % $T_i = +7 \, ^{\circ}C$ Pdh **19.40** kW $T_i = +7$ °C COP_d 5.37 0/0 $T_i = +12$ °C Pdh **8.63** kW $T_i = +12 \,{}^{\circ}C$ 6.40 0/0 COP_d $T_i = bivalent$ $T_i = bivalent$ 3.22 0/0 Pdh 41.55 kW COP_d temperature temperature 2.22 T_i = operation limit Pdh 24.52 kW T_i = operation limit COP_d % For air-to-water heat For water-to-air heat kW pumps: $T_j = -15$ °C (if Pdh pumps: $T_j = -15$ °C COP_d % $(if T_{OL} < -20 \, ^{\circ}C)$ $T_{OL} < -20 \, ^{\circ}C)$ For water-to-air heat Bivalent temperature °C pumps: Operation T_{ol} °C T_{biv} -3.3 limit temperature Degradation 0.25 C_{dh} efficient heat pumps** Power consumption in modes other than 'active Supplementary heater mode' Electric back-up Off mode **0.000** kW elbu 0.000 kW Poff heating capacity * Thermostat-off mode P_{TO} 0.084 kW Type of energy input Crankcase heater mode P_{CK} **0.054** kW Standby mode **0.073** kW Other items For air-to-air heat pumps: Nominal air variable 19200 Capacity control m³/h flow rate, outdoor measured Sound power level, For water-/brine-toindoor outdoor LwA 86.0 dB heat pumps: air measured m³/h Rated brine or water -Emissions of nitrogen flow rate, outdoor NO_x mg/kWh oxides (if applicable) heat exchanger kg CO_{2 eq} GWP of the refrigerant 2088 (100 years) MITSUBISHI ELECTRIC CORPORATION Contact details AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan ** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25. 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.

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

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	Model(s): Information to identify the model(s) to which the information relates:										
Outdoor: PURY-P500YLM-A1(-BS) Indoor: PEFY-P63VMHS2-E×8units											
Outdoor heat exchanger of air conditioner: air											
Indoor heat exchanger of											
Type: compressor driven											
if applicable: driver of co											
Item S	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity F	rated,c	56.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	232.6	%				
Declared cooling capac	ity for	part lo	ad at given	Declared energy	efficiency ratio	or gas ut	ilization				
outdoor temperatures	T _j and	d indoo	or 27°/19°C	efficiency / auxili	ary energy factor for	or part load	at given				
(dry/wet bulb)			_	outdoor temperatu	ıres T _j						
$T_j = +35$ °C	Pdc	56.00	kW	$T_{j} = +35 {}^{\circ}\text{C}$	EER_d	3.15	0/0				
$T_j = +30$ °C	Pdc	41.28	kW	$T_{\rm j} = +30 {}^{\rm o}{\rm C}$	EER_d	3.77	%				
$T_j = +25$ °C	Pdc	26.54	kW	$T_j = +25$ °C	EER_d	7.08	%				
$T_j = +\ 20\ ^{o}C$	Pdc	17.46	kW	$T_j = +20$ °C	EER_d	13.94	%				
	C_{d}	0.25	-								
conditioners**											
Power consumption in	modes	other	than 'active								
mode'			, l								
Off mode	P_{OFF}	0.000	kW	Crankcase h	neater P _{CK}	0.047	kW				
Thermostat-off mode	P_{TO}	0.091	kW	Standby mode	P_{SB}	0.080	kW				
Other items		l	,								
Capacity control	variab	le		For air-to-air conditioner: Not air flow rate, ou measured	_	22800	m³/h				
Sound power level, outdoor	L _{WA}	87.0	dB								
if engine driven:			mg/kWh								
Emissions of nitrogen	NO_x	-	fuel input								
oxides			GCV								
GWP of the refrigerant		2088	kg CO _{2 eq} (100 years)								
	l l			CORPORATION							
Contact details				REFRIGERATION S							
				yama-City 640-8686							
** If C _d is not determine				efault degradation co	pefficient air conditi	ioners shall b	e 0.25.				
1 1 1 / In a marine Hamman a 4 i a m - 1 - 4	4	14:1:4	الانام محمد منتم								

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 to identify the model(s) to which the information relates :										
Outdoor: PURY-P500Y				PEFY-P63VMHS2-E×	8units					
Outdoor heat exchanger										
Indoor heat exchanger of										
Indication if the heater is										
Parameters shall be decl	ared for	the ave	age heating	season, parameters for t	he warmer and o	colder he	eating s	easons		
are optional.										
Item	Symbol	Value	Unit	Item	Symbol		Value	Unit		
				Seasonal space						
Rated heating capacity	$P_{rated,h}$	58.00	kW	heating energy	$\eta_{s,h}$		137.4	%		
				efficiency						
Declared heating capaci	ity for n	art loac	l at indoor	Declared coefficient						
temperature 20 °C and o				efficiency / auxiliary		or part	load at	given		
-				outdoor temperatures	3			_		
$T_j = -7$ °C	Pdh	39.42	4	$T_j = -7$ °C	COP_d		2.34	%		
$T_j = +2 {}^{\circ}C$	Pdh	33.93	1	$T_j = +2 ^{\circ}C$	COP_d		2.98	%		
$T_j = +7 ^{\circ}C$	Pdh	21.83		$T_j = +7 ^{\circ}C$	COP_d		5.46	%		
$T_j = +12 {}^{\circ}\text{C}$	Pdh	10.45	kW	$T_{j} = + 12 {}^{\circ}\text{C}$	COP_d		7.02	0/o		
$T_j = bivalent$	Pdh	42.00	₽W/	$T_j = bivalent$	COP_d		3.08	9/0		
temperature	run			temperature	COF		3.00	70		
T_j = operation limit	Pdh	27.60	kW	T_j = operation limit	COP_d		2.26	%		
For air-to-water heat				For water-to-air heat						
pumps: $T_j = -15$ °C (if	Pdh	-	kW	pumps: $T_j = -15 ^{\circ}\text{C}$	COP_d		-	%		
$T_{OL} < -20 {}^{\circ}\text{C})$				$(if T_{OL} < -20 ^{\circ}C)$						
				For water-to-air heat						
Bivalent temperature	T_{biv}	-2.8	°C	pumps: Operation	T_{ol}		-	°C		
				limit temperature						
Degradation co-	C_{dh}	0.25	_							
efficient heat pumps**										
Power consumption in	modes	other th	han 'active	Supplementary heater						
mode'			_	Supplementary neater				_		
Off mode	P_{OFF}	0.000	kW	Electric back-up	elbu		0.000	ьw		
	1 OFF			heating capacity *	Clou		0.000	KW		
Thermostat-off mode	P_{TO}	0.091		Type of energy input						
Crankcase heater mode	P_{CK}	0.047	kW	Standby mode	P_{SB}		0.080	kW		
Other items										
				For air-to-air heat						
Capacity control	variable			pumps: Nominal air	_	22800	m	3/h		
Capacity control	variabic			flow rate, outdoor	-	22000	111	/11		
				measured						
Sound power level,				For water-/brine-to-						
indoor / outdoor	L _{WA}	37.0	dB	air heat pumps:						
measured				Rated brine or water	-	-	m	3/h		
Emissions of nitrogen	NO _x		mg/kWh	flow rate, outdoor						
oxides (if applicable)	110x -	-		heat exchanger						
GWP of the refrigerant		2088	kg CO _{2 eq}							
			(100 years)	CODDOD 4 TICLY						
Control 1st 1				CORPORATION	TEMO WODIE					
Contact details AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS										
** ICC :				yama-City 640-8686,Ja		1 3	11.1. 0	25		
** If C _d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.										
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										
		ie outd	oor unit, w	iui a combination of	muoor unit(s) i	recomme	enaea	by the		
manufacturer or importe	1.									