PRODUCT INFORMATION
PURY-RP* * * YJM-B(-BS)
For Europe Regulation

PRODUCT INFORMATION(1)

Model(s): Information t	o identif	y the mo	odel(s) to whi	ch the information re	elates :					
Outdoor: PURY-RP200				PEFY-P50VMHS2-E						
Outdoor heat exchanger of air conditioner: air										
Indoor heat exchanger of air conditioner: air										
Type: compressor driven vapour compression										
if applicable: driver of compressor: electric motor										
Item	Symbol			Item	Symbol	Valu	e Unit			
Rated cooling capacity	$P_{\text{rated,c}}$	22.40	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	239.4	1 %			
Declared cooling capa outdoor temperatures (dry/wet bulb) T _j = +35 °C			or 27°/19°C	Declared energy efficiency ratio or gas util efficiency / auxiliary energy factor for part load a outdoor temperatures T_j $T_j = +35$ °C EER _d 4.52						
$T_{i} = +30 {}^{\circ}\text{C}$	Pdc	16.52	kW	$T_i = +30 ^{\circ}\text{C}$	EER_d	4.41	9/o			
$T_i = +25 {}^{\circ}\text{C}$	Pdc	10.62	kW	$T_i = +25 ^{\circ}\text{C}$	EER_d	8.02	%			
$T_{j} = +20 {}^{\circ}\text{C}$	Pdc	10.15	kW	$T_{j} = +20 {}^{\circ}\text{C}$	EER_d	11.70	%			
Degradation co- efficient 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}	0.035	kW			
Thermostat-off mode	P_{TO}	0.089	kW	Standby mode	P_{SB}	0.084	kW			
Other items		1								
Capacity control	variable			For air-to-air conditioner: Nor air flow rate, ou measured	_	13500 n	n³/h			
Sound power level, outdoor	L _{WA}	76.0	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)							
				CORPORATION						
Contact details				EFRIGERATION S						
	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.										

^{**} 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.

$PRODUCT\ INFORMATION^{(1)}$

Information to identify the model(s) to which the information relates :											
Outdoor: PURY-RP200YJM-B(-BS) Indoor: PEFY-P50VMHS2-E×4units											
Outdoor heat exchanger of heat pump: air											
Indoor heat exchanger of			1		. .						
Indication if the heater is											
Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons											
are optional.	G 1 1	X 7 1	TT *:		т.	0 1 1		77.1	TT *:		
Item	Symbol	Value	Unit	1 1	Item	Symbol		valu	e Unit		
Rated heating capacity	$P_{\text{rated},h}$	25.00	kW		Seasonal space heating energy efficiency	$\eta_{s,h} \\$		153.0	%		
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T _i					Declared coefficient efficiency / auxiliary	energy factor f					
temperature 20°C and 0	utdoor te	inperat	ure 1 _j		outdoor temperatures	$\Gamma_{ m j}$					
$T_j = -7$ °C	Pdh	20.70	kW		$T_j = -7$ °C	COP_d		2.17	0/o		
$T_j = +2 ^{\circ}C$	Pdh	13.48	kW		$T_j = +2$ °C	COP_d		3.42	%		
$T_j = +7$ °C	Pdh	8.67	kW		$T_j = +7$ °C	COP_d		6.25	%		
$T_{j} = + 12 {}^{\circ}\text{C}$	Pdh	5.64	kW		$T_{j} = +12 {}^{\circ}\text{C}$	COP_d		8.03	%		
$T_j = bivalent$	Pdh	21.15	kW		$T_j = bivalent$	COP_d		2.61	<u>0/o</u>		
temperature					temperature						
T_j = operation limit	Pdh	15.13	kW		T_j = operation limit	COP_d		1.99	%		
For air-to-water heat	D. II		1 337		For water-to-air heat	COD			0,		
pumps: $T_j = -15$ °C (if	Pdh	-	kW		pumps: $T_j = -15$ °C	COP_d		-	0/0		
$T_{OL} < -20$ °C)			-		$(if T_{OL} < -20 ^{\circ}C)$						
Bivalent temperature	T_{biv}	-6.0	°C		For water-to-air heat pumps: Operation	т.			°C		
Divalent temperature	1 biv	-0.0			limit temperature	1 ol		•			
					mint temperature						
Degradation co-	_		1								
efficient heat pumps**	C_{dh}	0.25	-								
Power consumption in	modes	other t	han 'active		C11111			ı	1		
mode'					Supplementary heater						
Off mode	Poff	0.000	kW		Electric back-up	elbu		0.000	kW		
					heating capacity *						
Thermostat-off mode	P _{TO}	0.089	-1		Type of energy input	D		0.00	1 1 77 7		
Crankcase heater mode	P _{CK}	0.035	kW		Standby mode	P_{SB}		0.084	kW		
Other items					T						
					For air-to-air heat						
Capacity control	variable	,			pumps: Nominal air	_	13500	r	n³/h		
					flow rate, outdoor						
Cound norman lovel					measured						
Sound power level, indoor / outdoor	,	76.0	σι		For water-/brine-to-						
indoor / outdoor measured	LWA	76.0	dB		air heat pumps:				-3/h		
	F				Rated brine or water	-	-	1.	n³/h		
Emissions of nitrogen oxides (if applicable)	NO _x		mg/kWh		flow rate, outdoor heat exchanger						
oxides (ii applicable)	F		kg CO _{2 eq}		neat exchanger						
GWP of the refrigerant	2	2088	(100 years)								
	MITSU	BISHI		C	CORPORATION						
Contact details	AIR-CO	ONDITI	ONING & I	RI	EFRIGERATION SYS	TEMS WORKS					
					ama-City 640-8686,Jaj						
** If C _d is not determine											
Where information relat											
basis of the performan		ne outd	oor unit, w	vit	th a combination of	indoor unit(s) r	ecomme	ended	by the		
manufacturer or importe	r.										

PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates :											
Outdoor: PURY-RP250YJM-B(-BS) Indoor: PEFY-P63VMHS2-E×4units											
Outdoor heat exchanger of air conditioner: air											
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	Unit		
Rated cooling capacity	$P_{\text{rated,c}}$	28.00	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$		222.2	%		
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 efficiency / auxiliary energy factor for part load at given outdoor temperatures T_i						
$T_j = +35$ °C	Pdc	28.00	kW		$T_j = +35$ °C	EER_d		4.10	%		
$T_j = +30 ^{\circ}\text{C}$	Pdc	20.64	kW			EER_d		3.81	%		
$T_j = +25 ^{\circ}C$	Pdc	13.27	kW			EER_d		7.11	%		
$T_j = +20$ °C	Pdc	8.93	kW		$T_j = +20$ °C	EER_d		11.29	%		
Degradation co- efficient air conditioners**	C_{d}	0.25	-								
Power consumption in mode'	modes	other	than 'active				l				
Off mode	P_{OFF}	0.000	kW		Crankcase h mode	eater P _{CK}		0.045	kW		
Thermostat-off mode	P_{TO}	0.089	kW		Standby mode	P_{SB}		0.084	kW		
Other items		1									
Capacity control	variable				For air-to-air conditioner: Nor air flow rate, our measured	_	13500	m	³ /h		
Sound power level, outdoor	L _{WA}	77.0	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)								
					RPORATION						
Contact details					FRIGERATION SY						
					ma-City 640-8686,						
** If C _d is not determin											
Where information relates to multi-split air conditioners, the test result and performance data may be obtained on											

manufacturer or importer.

the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the

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

$PRODUCT\ INFORMATION^{(1)}$

Information to identify the		` '										
Outdoor: PURY-RP250YJM-B(-BS) Indoor: PEFY-P63VMHS2-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.	G 1 1	X 7 1	TT *:		T.	0 1 1		X 7 1		T T		
Item	Symbol	Value	Unit		Item	Symbol		valu	ie I	Unit		
Rated heating capacity	$P_{\text{rated},h}$	31.50	kW		Seasonal space heating energy efficiency	$\eta_{s,h} \\$		151.	4	%		
Declared heating capacitemperature 20 °C and o					Declared coefficient efficiency / auxiliary outdoor temperatures'	energy factor f						
$T_j = -7$ °C	Pdh	23.01	lkW		$T_i = -7$ °C	COP _d		2.28	9	%		
$T_i = +2 ^{\circ}C$	Pdh	16.96	-1		$T_i = +2 ^{\circ}C$	COP_d		3.28	_	0/0		
$T_i = +7$ °C	Pdh	10.91			$T_i = +7 ^{\circ}C$	COP_d		5.91	_	%		
$T_i = +12 ^{\circ}\text{C}$	Pdh	5.87			$T_j = +12 ^{\circ}\text{C}$	COP_d		9.38	_	%		
$T_i = bivalent$			1		$T_i = bivalent$	_						
temperature	Pdh	25.71	kW		temperature	COP_d		2.95	1	0/0		
$T_i = $ operation limit	Pdh	15.35	kW		$T_i = $ operation limit	COP_d		2.00		0/0		
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		-	9	0/0		
$T_{OL} < -20 {}^{\circ}\text{C}$					$(if T_{OL} < -20 ^{\circ}C)$							
					For water-to-air heat							
Bivalent temperature	$T_{\rm biv}$	-5.2	°C		pumps: Operation	$T_{\rm ol}$		-	C	°C		
					limit temperature							
Degradation co-	C_{dh}	0.25	_									
efficient heat pumps**				┦┞								
Power consumption in mode'	modes	other t	han 'active		Supplementary heater							
Off mode	P_{OFF}	0.000	kW		Electric back-up heating capacity *	elbu		0.00	0 1	kW		
Thermostat-off mode	P_{TO}	0.089	kW		Type of energy input			l				
Crankcase heater mode		0.045			Standby mode	P_{SB}		0.08	4 1	kW		
Other items	1 CK	0.045	KVV	1	bundey mode	1 SB		0.00	7 .	12.11		
outer items				1	For air-to-air heat							
					pumps: Nominal air					_		
Capacity control	variable	;			flow rate, outdoor	-	13500	1	m³/]	h		
					measured							
Sound power level,				1 1	For water-/brine-to-							
indoor / outdoor	L _{WA}	77.0	dB		air heat pumps:							
measured					Rated brine or water	_	-	1	m³/]	h		
Emissions of nitrogen	NO _x		m ~ /I-W/b		flow rate, outdoor							
oxides (if applicable)	NO_x	•	mg/kWh		heat exchanger							
GWP of the refrigerant	2		kg CO _{2 eq} (100 years)									
	MITSU			C	ORPORATION		•					
Contact details					EFRIGERATION SYS	TEMS WORKS						
					ama-City 640-8686,Jaj							
** If C _d is not determine												
Where information relat												
basis of the performan		ne outd	oor unit, w	vit	h a combination of	indoor unit(s) r	ecomme	ended	by	y the		
manufacturer or importe	r.											

PRODUCT INFORMATION(1)

Model(s): Information t	o identify	the mo	del(s) to whi	ch the information re	elates :					
Model(s): Information to identify the model(s) to which the information relates : Outdoor: PURY-RP300YJM-B(-BS) Indoor: PEFY-P50VMHS2-E×6units										
Outdoor heat exchanger of air conditioner: air										
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	Valu	e Unit			
Rated cooling capacity	P _{rated,c}	33.50	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	241.0	%			
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor $27^\circ/19^\circ C$ (dry/wet bulb) $T_j = +35 ^\circ C$ Pdc 33.50 kW				Declared energy efficiency / auxili outdoor temperatu $T_j = +35$ °C $T_j = +30$ °C						
$T_{j} = +30 ^{\circ}\text{C}$ $T_{i} = +25 ^{\circ}\text{C}$	Pdc Pdc	24.70 15.88	- 1		EER _d	7.33	9 /0			
$T_j = +20 ^{\circ}\text{C}$	Pdc	11.25	- 1	$T_j = +25 ^{\circ}\text{C}$ $T_j = +20 ^{\circ}\text{C}$	EER _d EER _d	13.20				
Degradation co- efficient air conditioners**	C_{d}	0.25	-							
Power consumption in mode'	modes	other	than 'active			1				
Off mode	P_{OFF}	0.000	kW	Crankcase h	eater P _{CK}	0.045	5 kW			
Thermostat-off mode	P_{TO}	0.090	kW	Standby mode	P_{SB}	0.084	kW			
Other items		1								
Capacity control	variable			For air-to-air conditioner: Nor air flow rate, ou measured	_	13500 r	n³/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)							
				ORPORATION						
Contact details				EFRIGERATION SY						
	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.										

^{**} 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.

$PRODUCT\ INFORMATION^{(1)}$

Information to identify the model(s) to which the information relates :												
Outdoor: PURY-RP300YJM-B(-BS) Indoor: PEFY-P50VMHS2-E×6units												
	Outdoor heat exchanger of air conditioner: air											
Indoor heat exchanger of air conditioner: air												
Indication if the heater is												
Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons												
are optional.												
Item	Symbol	Value	Unit	1	Item	Symbol		Value	<u>Unit</u>			
Rated heating capacity	P _{rated,h}	37.50	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$		150.2	%			
Declared heating capacitemperature 20 °C and o					Declared coefficient efficiency / auxiliary outdoor temperatures	energy factor f						
T _i = - 7 °C	Pdh	29.42	l _k w		$T_i = -7 ^{\circ}\text{C}$	COP _d		2.27	%			
$T_i = +2 ^{\circ}C$	Pdh	20.21			$T_i = +2 ^{\circ}C$	COP _d		3.27	9 /0			
$T_j = +2 \text{ C}$ $T_j = +7 \text{ °C}$	Pdh	12.99			$T_j = +7$ °C	COP_d		6.05	%			
$T_i = +12 ^{\circ}\text{C}$	Pdh	7.45			$T_i = +12 ^{\circ}\text{C}$	COP _d		8.84	%			
$T_j = 12$ C $T_j = bivalent$			1		$T_i = \text{bivalent}$							
temperature	Pdh	31.80	kW		temperature	COP_d		2.69	%			
T_i = operation limit	Pdh	19.93	kW		T_i = operation limit	COP_d		1.87	%			
For air-to-water heat		17.75	K ***		For water-to-air heat	COI		1.07	∀ ′•			
pumps: $T_i = -15$ °C (if		 -	kW		pumps: $T_j = -15$ °C	COP_d		_	%			
$T_{OL} < -20 ^{\circ}\text{C}$					$(if T_{OL} < -20 ^{\circ}C)$	u						
,					For water-to-air heat							
Bivalent temperature	$T_{\rm biv}$	-6.1	°C		pumps: Operation	T_{ol}		_	°C			
					limit temperature							
Degradation co-	C.	0.25										
efficient heat pumps**	C_{dh}		-									
Power consumption in mode'	modes	other t	han 'active		Supplementary heater				<u></u>			
Off mode	P_{OFF}	0.000	kW		Electric back-up heating capacity *	elbu		0.000	kW			
Thermostat-off mode	P_{TO}	0.090	kW		Type of energy input							
Crankcase heater mode	P_{CK}	0.045	kW		Standby mode	P_{SB}		0.084	kW			
Other items												
					For air-to-air heat							
Capacity control	variable	<u>.</u>			pumps: Nominal air	_	13500	n	n³/h			
Cupucity control	Variable				flow rate, outdoor		13300		1 / 11			
				_	measured							
Sound power level,	_	7 0 0	ID		For water-/brine-to-							
indoor / outdoor	LWA	79.0	dB		air heat pumps:				. 2 /1.			
measured	-				Rated brine or water	-	-	n	n³/h			
Emissions of nitrogen oxides (if applicable)	NO _x	-	mg/kWh		flow rate, outdoor heat exchanger							
oxides (ii applicable)	F		kg CO _{2 eq}		neat exchanger							
GWP of the refrigerant	[:	2088	(100 years)									
	MITSU	BISHI		C	CORPORATION			1				
Contact details	1				EFRIGERATION SYS	TEMS WORKS						
					ama-City 640-8686,Jaj							
** If C _d is not determine												
Where information relat												
basis of the performan		he outd	loor unit, v	vi	th a combination of	indoor unit(s) r	ecomme	ended	by the			
manufacturer or importe	r.		manufacturer or importer.									

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