SPEC SHEET PURY-RP * * * YJM-B For Europe Regulation (Lot6)

	. 1	.1	1.1()		
				which the information relates to:PURY-RP200YJM-B	
Outdoor heat exchanger	r of air co	ndition	er: air		
Indoor heat exchanger of					
Type: compressor drive					
if applicable: driver of c					.
Item	Symbol	Value	Unit	Item Symbol Value	Unit
Rated cooling capacity	P _{rated,c}	22.40	kW	$ \begin{array}{c c} Seasonal & space \\ cooling & energy \\ efficiency & \eta_{s,c} \end{array} \end{array} 239.4 \\ \end{array} $	%
Declared cooling capac outdoor temperatures (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency auxiliary energy factor for part load at given o temperatures T _i	
$T_i = +35 \text{ °C}$	Pdc	22.40	kW	$T_i = +35 ^{\circ}\text{C}$ EER _d 4.52	<u>%</u>
$T_{i} = +30 \text{ °C}$	Pdc	16.52		$T_i = +30 ^{\circ}\text{C}$ EER _d 4.41	<u>%</u>
$T_i = +25 ^{\circ}C$	Pdc	10.62		$T_i = +25 \text{ °C}$ EER _d 8.02	<u>%</u>
$T_{i}^{j} = +20 \ ^{\circ}C$	Pdc	10.15		$T_i = +20 \text{ °C}$ EER _d 11.70	%
Degradation co- efficient air conditioners** Power consumption in mode'	modes o		_		
Off mode	P _{OFF}	0.000		Crankcase heater mode P_{CK} 0.035	
Thermostat-off mode	P _{TO}	0.089	kW	Standby mode P_{SB} 0.084	kW
Other items					
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor - 13500 m ³ measured	²/h
Sound power level, outdoor	L _{WA} 7	6.0	dB		
if engine driven: Emissions of nitrogen oxides	NO _x -		mg/kWh fuel input GCV		
Contact details	AIR-CO 5-66,Teł	NDITI oira 6 C	ONING & home,Wa	C CORPORATION & REFRIGERATION SYSTEMS WORKS kayama-City 640-8686,Japan	
	tes to mu	lti-split	air condit	tioners, the test result and performance data may be obtain	

Information requirements for heat pumps

Information to identify the model(s) to which the information relates to: PURY-RP200YJM-B Outdoor heat exchanger of heat pump: air Indoor heat exchanger of heat pump: 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 h									
Indoor heat exchanger of heat pump: air Indication if the heater is equipped with a supplementary heater: no									
Indication if the heater is equipped with a supplementary heater: no									
ratameters shall be declared for the average nearing season parameters for the warmer and colder t	neatin								
seasons are optional.	louting								
	e Uni								
Rated heating capacity $P_{rated,h}$ 25.00 kW Seasonal space heating $\eta_{s,h}$ 153.0	0/								
energy efficiency									
Declared heating capacity for part load at indoor Declared coefficient of performance or gas util									
temperature 20 °C and outdoor temperature T. [] efficiency / auxiliary energy factor for part load at	give								
butdoor temperatures 1 _j									
$T_j = -7 ^{\circ}C$ Pdh 20.70 kW $T_j = -7 ^{\circ}C$ COP _d 2.17	<u>%</u>								
$T_j = +2 ^{\circ}C$ Pdh 13.48 kW $T_j = +2 ^{\circ}C$ COP _d 3.42	<u>%</u>								
$T_j = +7 ^{\circ}C$ Pdh 8.67 kW $T_j = +7 ^{\circ}C$ COP _d 6.25	<u>%</u>								
$T_j = +12 \text{ °C}$ Pdh 5.64 kW $T_j = +12 \text{ °C}$ COP _d 8.03	<u></u>								
$\begin{array}{c c} T_{j} = bivalent \\ temperature \end{array} Pdh \left \begin{array}{c} 21.15 \\ kW \end{array} \right kW \left \begin{array}{c} T_{j} = bivalent \\ temperature \end{array} \right COP_{d} \end{array} \left \begin{array}{c} 2.61 \\ 2.61 \end{array} \right $	<u>%</u>								
$T_j = \text{operation limit}$ Pdh 15.13 kW $T_j = \text{operation limit}$ COP _d 1.99	%								
For air-to-water heat	- 70								
pumps: $T_i = -15$ °C (if Pdh - kW pumps: $T_i = -15$ °C (if COP _d -	<u>%</u>								
$\begin{array}{c} \text{pumps. } I_{j} = 15 \text{ C (II \text{ Full})} \\ \text{T}_{OL} < -20 \text{ °C)} \end{array}$	70								
For water-to-air heat	_								
Bivalent temperature T_{biv} -6.0 °C pumps: Operation limit T_{ol} -	°C								
temperature	C								
	_								
Degradation co-	_								
efficient heat pumps** C _{dh} 0.25 -									
Power consumption in modes other than 'active									
mode'									
Off mode P _{OFF} 0.000 kW Electric back-up elbu 0.000	0 kW								
heating capacity *	,								
Thermostat-off mode P _{TO} 0.089 kW Type of energy input									
Crankcase heater P_{CK} 0.035 kW Standby mode P_{SB} 0.084	1 kW								
Other items									
For air-to-air heat									
Capacity control variable pumps: Nominal air - 13500 r	n³/h								
flow rate, outdoor measured									
Sound power level, For water-/brine-to-air									
indoor / outdoor L_{WA} 76.0 dB heat pumps: Rated									
	n³/h								
Emissions of nitrogen	/ 11								
mg/kWh mg/kWh max									
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									
basis of the performance of the outdoor unit.									

Information requirements for air-to-air air conditioners

Model(s): Information t	o identifi	the mo	- del(s) to s	which the information relates to: PURY-RP250YJM-B	
Outdoor heat exchange				which the information relates to: 1 OK1-KI 250 I JM-D	
Indoor heat exchanger					
Type: compressor drive					
if applicable: driver of o					
Item	Symbol			Item Symbol Value	e Unit
	2			Seasonal space	
Rated cooling capacity	P _{rated,c}	28.00	kW	$\begin{array}{c} \text{cooling} & \text{energy} \\ \text{efficiency} & \eta_{s,c} \end{array} \qquad $	2 %
Declared cooling capac outdoor temperatures (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency auxiliary energy factor for part load at given temperatures T _i	
$T_1 = +35 ^{\circ}C$	Pdc	28.00	kW	$T_1 = +35 ^{\circ}\text{C}$ EER _d 4.10	<u>%</u>
$T_{i} = +30 \text{ °C}$	Pdc	20.64		$T_i = +30 ^{\circ}\text{C}$ EER _d 3.81	<u>%</u>
$T_{i} = +25 \ ^{\circ}C$	Pdc	13.27	kW	$T_i = +25 ^{\circ}C$ EER _d 7.11	<u>%</u>
$T_{j} = +20 \ ^{\circ}C$	Pdc	8.93	kW	$T_{j} = +20 \text{ °C}$ EER _d 11.29	%
Degradation co- efficient air conditioners** Power consumption in mode' Off mode Thermostat-off mode Other items		0.25 ther tha 0.000 0.089	kW		5 kW 6 kW
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor - measured 13500 n	n³/h
Sound power level, outdoor	L _{WA} 7	7.0	dB		
if engine driven: Emissions of nitrogen oxides	NO _x -		mg/kWh fuel input GCV		
Contact details	AIR-CO 5-66,Tel	NDITI oira 6 C	ONING & home,Wa	C CORPORATION REFRIGERATION SYSTEMS WORKS kayama-City 640-8686,Japan	
	tes to mu	lti-split	air condit	e default degradation coefficient air conditioners shall be ioners, the test result and performance data may be obta	

Information requirements for heat pumps

Information to identify				information relates to: DIU	-	D				
Outdoor heat exchange				information relates to: PUI	<u>KY-KP250YJM</u> -	·B				
Indoor heat exchanger										
				nontory hostory no						
Indication if the heater					for the more	, and as	Idan h	aatin		
seasons are optional.		ior the	average no	eating season, parameters	for the warmen	and co	nder no	eating		
Item	Symbo	l Value	Unit	Item	Symbol		Value	Uni		
				Seasonal space heating						
Rated heating capacity	P _{rated,h}	31.50	kW	energy efficiency	η _{s,h}		151.4			
Declared heating capac	ity for p	art load	at indoor	Declared coefficient of						
temperature 20 °C and		-	5	efficiency / auxiliary e outdoor temperatures T _j				_		
$T_j = -7 \ ^{\circ}C$	Pdh	23.01		$T_{j} = -7 \ ^{o}C$	COP _d		2.28	%		
$T_j = +2 \ ^{\circ}C$	Pdh	16.96		$T_j = +2 \ ^{\circ}C$	COP _d		3.28	%		
$T_j = +7 \ ^{\circ}C$	Pdh	10.91		$T_j = +7 \ ^{\circ}C$	COP _d		5.91	%		
$T_{j} = + 12 \ ^{\circ}C$	Pdh	5.87	kW	$T_{j} = + 12 \ ^{\circ}C$	COPd		9.38	%		
$T_j = bivalent$ temperature	Pdh	25.71	kW	$T_j = bivalent$ temperature	COP _d		2.95	%		
T_i = operation limit	Pdh	15.35	kW	T_i = operation limit	COP _d		2.00	%		
For air-to-water heat				For water-to-air heat						
pumps: $T_j = -15 \text{ °C}$ (if	Pdh	-	kW	pumps: $T_j = -15 \text{ °C}$ (if	COP _d		-	%		
$T_{OL} < -20 ^{\circ}C)$				$T_{OL} < -20 ^{\circ}C)$						
				For water-to-air heat						
Bivalent temperature	T_{biv}	-5.2	°C	pumps: Operation limit	T _{ol}		-	°C		
				temperature						
Degradation co- efficient heat pumps**	C_{dh}	0.25	-							
Power consumption in mode'	modes	other th	an 'active	Supplementary heater				•		
]	Electric back-up]		
Off mode	POFF	0.000	kW	heating capacity *	elbu		0.000	kW		
Thermostat-off mode	P _{TO}	0.089	kW	Type of energy input				1		
Crankcase heater					D		0.004	1		
mode	P_{CK}	0.045	ĸw	Standby mode	P _{SB}		0.084	кW		
Other items		•								
				For air-to-air heat						
Consolts control		•		pumps: Nominal air		12500		3/1.		
Capacity control	variabl	e		flow rate, outdoor	-	13500	m	³/h		
				measured						
Sound power level,				For water-/brine-to-air						
indoor / outdoor	L_{WA}	77.0	dB	heat pumps: Rated						
measured				brine or water flow	-	-	m	³/h		
Emissions of nitrogen	NO		mg/kWh	rate, outdoor heat						
oxides (if applicable)		-	e	exchanger						
		MITSUBISHI ELECTRIC CORPORATION								
Contact details		AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS								
		5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan								
				he default degradation coef						
				ps, the test result and perfo	ormance data ma	ay be obt	ained of	on th		
pasis of the performanc	e of the	outdoor	unit.							

Information requirements for air-to-air air conditioners

Model(s): Information t	o identify	the mo	del(s) to s	hich the information relates to: PURY-RP300YJM-I	2
Outdoor heat exchange				men die information felates to. 1 OK 1-Ki 500 I Swi-	,
Indoor heat exchanger of					
Type: compressor drive					
if applicable: driver of o					
Item	Symbol			Item Symbol Va	lue Unit
	-			Seasonal space	
Rated cooling capacity	P _{rated,c}	33.50	kW	$\begin{array}{c} \text{cooling} & \text{energy} \\ \text{efficiency} & \eta_{s,c} \end{array} \qquad $	1.0 %
Declared cooling capac outdoor temperatures (dry/wet bulb)				Declared energy efficiency ratio or gas utilization e auxiliary energy factor for part load at give temperatures T _i	
$T_1 = +35 ^{\circ}C$	Pdc	33.50	kW	$T_i = +35 \text{ °C}$ EER _d $4.$)1 %
$T_{i} = +30 \text{ °C}$	Pdc	24.70			28 %
$T_{j} = +25 \ ^{\circ}C$	Pdc	15.88			33 %
$T_{j} = +20 \ ^{\circ}C$	Pdc	11.25	kW	$T_j = +20 \text{ °C}$ EER _d 13	.20 %
Degradation co- efficient air conditioners** Power consumption in mode' Off mode Thermostat-off mode Other items		0.25 ther tha 0.000 0.090	kW		045 kW 084 kW
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor - measured 13500	m³/h
Sound power level, outdoor	L _{WA} 7	'9.0	dB		
if engine driven: Emissions of nitrogen oxides	NO _x -		mg/kWh fuel input GCV		
Contact details	AIR-CO 5-66,Tel	NDITI oira 6 C	ONING & home,Wa	CORPORATION REFRIGERATION SYSTEMS WORKS ayama-City 640-8686,Japan	
	tes to mu	lti-split	air condit	e default degradation coefficient air conditioners shal oners, the test result and performance data may be o	

Information requirements for heat pumps

T. C					-				
				information relates to: PURY	-RP300YLM-B				
Outdoor heat exchange									
Indoor heat exchanger of				. 1 .					
Indication if the heater						1.1 1			
	clared	for the	average ne	eating season, parameters fo	or the warmer and co	lder ne	eatin		
seasons are optional. Item	Symbo	l Value	Unit	Item Sv	ymbol	Value	Un		
	<u> </u>			Seasonal space heating					
Rated heating capacity	P _{rated,h}	37.50	kW	energy efficiency		150.2			
Declared heating capac temperature 20 °C and				Declared coefficient of efficiency / auxiliary ener outdoor temperatures T _i					
$T_i = -7 ^{\circ}C$	Pdh	29.42	kW	1 5	OP _d	2.27	%		
$T_i = +2 °C$	Pdh	20.21			OP _d	3.27	%		
$T_1 = +7 \text{ °C}$	Pdh	12.99			OP _d	6.05	%		
$T_1 = +12 \text{ °C}$	Pdh	7.45	kW	5	OP _d	8.84	%		
$T_i = bivalent$				$T_{i} = bivalent$					
temperature	Pdh	31.80		temperature	OP _d	2.69	%		
T_j = operation limit	Pdh	19.93	kW	, i	OP _d	1.87	%		
For air-to-water heat				For water-to-air heat					
pumps: $T_j = -15 \text{ °C}$ (if	Pdh	-	kW	pumps: $T_j = -15 \text{ °C}$ (if C	OP _d	-	%		
$T_{OL} < -20 \ ^{\circ}C)$			-	$T_{OL} < -20 $ °C)			_		
D' 1 // /	т	(1	00	For water-to-air heat			00		
Bivalent temperature	T_{biv}	-6.1	°C	pumps: Operation limit To	ol	-	°C		
			-	temperature			-		
Degradation co-			_				-		
Degradation co- efficient heat pumps**	C_{dh}	0.25	-						
Power consumption in	modes	other th	an 'active	~					
mode'	1110 400			Supplementary heater					
	D	0.000	1 117	Electric back-up	,	0.000]		
Off mode	POFF	0.000	ΚW	heating capacity *	bu	0.000	кw		
Thermostat-off mode	P _{TO}	0.090	kW	Type of energy input					
Crankcase heater	P _{CK}	0.045	ĿW	Standby mode Ps		0.084	ĿW		
mode	I CK	0.045	K VV		SB	0.004	K VV		
Other items									
				For air-to-air heat					
Capacity control	variabl	е		pumps: Nominal air	13500	m	³/h		
		-		flow rate, outdoor					
				measured					
Sound power level,	т	70.0	ЧĻ	For water-/brine-to-air					
indoor / outdoor	L_{WA}	79.0	dB	heat pumps: Rated			3 /1		
measured	-			brine or water flow -	-	m	³/h		
Emissions of nitrogen	NO _x	-	mg/kWh	rate, outdoor heat					
oxides (if applicable)	MITCI	DICUI	ELECTRI	exchanger					
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS								
Contact uctalls	5-66, Tebira 6 Chome, Wakayama-City 640-8686, Japan								
** If C , is not determin				ne default degradation coeffic		all he A	25		
				ps, the test result and perform					
basis of the performanc				po, the test result and perform	nunce autu muy de ddi	annou (, 11 th		
such of the performance									

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