

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

PRODUCT INFORMATION⁽¹⁾

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 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	$P_{rated,c}$	22.40	kW	Seasonal space cooling efficiency	s,c	274.2	%
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_j			
$T_j = +35\text{ °C}$	P_{dc}	22.40	kW	$T_j = +35\text{ °C}$	EER_d	4.80	%
$T_j = +30\text{ °C}$	P_{dc}	16.51	kW	$T_j = +30\text{ °C}$	EER_d	5.94	%
$T_j = +25\text{ °C}$	P_{dc}	10.62	kW	$T_j = +25\text{ °C}$	EER_d	8.33	%
$T_j = +20\text{ °C}$	P_{dc}	6.97	kW	$T_j = +20\text{ °C}$	EER_d	12.44	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{CK}	0.032	kW
Thermostat-off mode	P_{TO}	0.076	kW		P_{SB}	0.070	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					10500	m 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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
** 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

PRODUCT INFORMATION⁽¹⁾

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 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	$P_{rated,c}$	28.00	kW	Seasonal space cooling efficiency	s_c	277.0	%
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 efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	28.00	kW	$T_j = +35\text{ °C}$	EER_d	4.70	%
$T_j = +30\text{ °C}$	P_{dc}	20.64	kW	$T_j = +30\text{ °C}$	EER_d	5.83	%
$T_j = +25\text{ °C}$	P_{dc}	13.28	kW	$T_j = +25\text{ °C}$	EER_d	8.22	%
$T_j = +20\text{ °C}$	P_{dc}	7.14	kW	$T_j = +20\text{ °C}$	EER_d	12.59	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.032	kW
Thermostat-off mode	P_{TO}	0.076	kW			0.070	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					10500	m ³ /h
Sound power level, outdoor	L_{WA}	80.0	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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
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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 driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	33.50	kW	Seasonal space cooling efficiency	s,c	248.6	%
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_j			
$T_j = +35\text{ °C}$	P_{dc}	33.50	kW	$T_j = +35\text{ °C}$	EER_d	4.28	%
$T_j = +30\text{ °C}$	P_{dc}	24.69	kW	$T_j = +30\text{ °C}$	EER_d	5.03	%
$T_j = +25\text{ °C}$	P_{dc}	15.88	kW	$T_j = +25\text{ °C}$	EER_d	7.14	%
$T_j = +20\text{ °C}$	P_{dc}	8.23	kW	$T_j = +20\text{ °C}$	EER_d	10.75	%
Degradation coefficient air conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode	P_{CK}	0.036	kW
Thermostat-off mode	P_{TO}	0.076	kW	Standby mode	P_{SB}	0.070	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		10500	m ³ /h
Sound power level, outdoor	L_{WA}	80.0	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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
** 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.							

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PRODUCT INFORMATION⁽¹⁾

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 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	$P_{rated,c}$	40.00	kW	Seasonal space cooling efficiency	s_c	273.0	%
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 efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	40.00	kW	$T_j = +35\text{ °C}$	EER_d	4.14	%
$T_j = +30\text{ °C}$	P_{dc}	29.49	kW	$T_j = +30\text{ °C}$	EER_d	5.47	%
$T_j = +25\text{ °C}$	P_{dc}	18.97	kW	$T_j = +25\text{ °C}$	EER_d	7.96	%
$T_j = +20\text{ °C}$	P_{dc}	12.43	kW	$T_j = +20\text{ °C}$	EER_d	12.68	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.036	kW
Thermostat-off mode	P_{TO}	0.076	kW			0.070	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					12600	m ³ /h
Sound power level, outdoor	L_{WA}	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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
** 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.							

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Model(s): Information to identify the model(s) to which the information relates : Outdoor : PUCY-P400YKD.TH (-BS) Indoor : PEFY-P71VMHS2-E×5 units, PEFY-P50VMHS2-E×1 unit							
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	$P_{rated,c}$	44.00	kW	Seasonal space cooling efficiency	s_c	253.8	%
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_j			
$T_j = +35\text{ °C}$	P_{dc}	44.00	kW	$T_j = +35\text{ °C}$	EER_d	3.54	%
$T_j = +30\text{ °C}$	P_{dc}	32.43	kW	$T_j = +30\text{ °C}$	EER_d	4.62	%
$T_j = +25\text{ °C}$	P_{dc}	20.86	kW	$T_j = +25\text{ °C}$	EER_d	7.68	%
$T_j = +20\text{ °C}$	P_{dc}	8.63	kW	$T_j = +20\text{ °C}$	EER_d	11.77	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.036	kW
Thermostat-off mode	P_{TO}	0.076	kW			0.070	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					12600	m ³ /h
Sound power level, outdoor	L_{WA}	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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
** 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.							

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PRODUCT INFORMATION⁽¹⁾

Model(s): Information to identify the model(s) to which the information relates : Outdoor : PUCY-P450YKD.TH (-BS) Indoor : PEFY-P80VMHS2-E×4 units, PEFY-P71VMHS2-E×2 units							
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	$P_{rated,c}$	48.00	kW	Seasonal space cooling efficiency	s_c	249.0	%
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 efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	48.00	kW	$T_j = +35\text{ °C}$	EER_d	3.35	%
$T_j = +30\text{ °C}$	P_{dc}	35.40	kW	$T_j = +30\text{ °C}$	EER_d	4.56	%
$T_j = +25\text{ °C}$	P_{dc}	22.77	kW	$T_j = +25\text{ °C}$	EER_d	7.46	%
$T_j = +20\text{ °C}$	P_{dc}	10.13	kW	$T_j = +20\text{ °C}$	EER_d	11.69	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.036	kW
Thermostat-off mode	P_{TO}	0.081	kW			0.070	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					12600	m ³ /h
Sound power level, outdoor	L_{WA}	84.0	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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
** 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.							

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PRODUCT INFORMATION⁽¹⁾

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 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	$P_{rated,c}$	56.00	kW	Seasonal space cooling efficiency	s_c	262.2	%
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_j			
$T_j = +35\text{ °C}$	P_{dc}	56.00	kW	$T_j = +35\text{ °C}$	EER_d	3.39	%
$T_j = +30\text{ °C}$	P_{dc}	41.29	kW	$T_j = +30\text{ °C}$	EER_d	4.67	%
$T_j = +25\text{ °C}$	P_{dc}	26.57	kW	$T_j = +25\text{ °C}$	EER_d	7.97	%
$T_j = +20\text{ °C}$	P_{dc}	11.82	kW	$T_j = +20\text{ °C}$	EER_d	12.50	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.036	kW
Thermostat-off mode	P_{TO}	0.081	kW			0.070	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					19200	m ³ /h
Sound power level, outdoor	L_{WA}	85.0	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)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata City Chonburi, 700/406 Moo 7, Tambon Don Hua Roh, Amphur Muang, Chonburi 20000, Thailand						
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