

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

## PRODUCT INFORMATION<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates : Outdoor : PUCY-P200YKA.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	$P_{rated,c}$	<b>22.40</b>	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	<b>264.6</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>22.40</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>4.14</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>16.51</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.81</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>10.62</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.13</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>6.97</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>12.08</b>	%
Degradation efficient conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{SB}$	<b>0.032</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.076</b>	kW			<b>0.070</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10500</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>79.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates : Outdoor : PUCY-P250YKA.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	$P_{rated,c}$	<b>28.00</b>	kW	Seasonal space cooling efficiency	$\eta_{s,c}$	<b>270.2</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>28.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>4.10</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>20.64</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.70</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>13.28</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.02</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>7.14</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>12.22</b>	%
Degradation efficient conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{SB}$	<b>0.032</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.076</b>	kW			<b>0.070</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10500</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>80.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates :							
Outdoor : PUCY-P300YKA.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	$P_{rated,c}$	<b>33.50</b>	kW	Seasonal space cooling efficiency	$\eta_{s,c}$	<b>233.4</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>33.50</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.25</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>24.69</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.84</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>15.88</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>6.87</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>8.23</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>10.34</b>	%
Degradation efficient conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{SB}$	<b>0.036</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.076</b>	kW			<b>0.070</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10500</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>80.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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<sup>(1)</sup>

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 driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	<b>40.00</b>	kW	Seasonal space cooling efficiency	$\eta_{s,c}$	<b>263.8</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>40.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>4.10</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>29.49</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.26</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>18.97</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>7.65</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>12.43</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>12.19</b>	%
Degradation coefficient air conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{CK}$	<b>0.036</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.076</b>	kW		$P_{SB}$	<b>0.070</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10500</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>83.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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<sup>(1)</sup>

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 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	$P_{rated,c}$	<b>44.00</b>	kW	Seasonal space cooling efficiency	$\eta_{s,c}$	<b>249.0</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>44.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.26</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>32.43</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.62</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>20.86</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>7.60</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>8.63</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>11.43</b>	%
Degradation coefficient air conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{SB}$	<b>0.036</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.076</b>	kW			<b>0.070</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10500</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>83.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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<sup>(1)</sup>

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 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	$P_{rated,c}$	<b>48.00</b>	kW	Seasonal space cooling efficiency	$\eta_{s,c}$	<b>242.2</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>48.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.09</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>35.40</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.43</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>22.77</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>7.39</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>10.13</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>11.35</b>	%
Degradation coefficient air conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{CK}$	<b>0.036</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.081</b>	kW		$P_{SB}$	<b>0.070</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10500</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>84.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates :							
Outdoor : PUCY-P500YKA.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	$P_{rated,c}$	<b>56.00</b>	kW	Seasonal space cooling efficiency	$\eta_{s,c}$	<b>259.0</b>	%
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 $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	<b>56.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.52</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>41.29</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.53</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>26.57</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>7.89</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>11.82</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>12.14</b>	%
Degradation efficient conditioners**	co-air $C_d$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Standby mode	$P_{SB}$	<b>0.070</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.081</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>19200</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>85.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>2088</b>	kg CO <sub>2</sub> eq (100 years)				
Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. Amata Nakorn Industrial Estate, 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









KL79L528H02