

PRODUCT INFORMATION  
PURY-M\* \* \* YNW-A1 (-BS)  
PURY-EM\* \* \* YNW-A1 (-BS)  
For Europe Regulation

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

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M200YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×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>246</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>4.05</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>16.51</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.88</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>10.61</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.73</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>12.65</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>7.96</b>	%
Degradation coefficient air conditioners**	co-efficient 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>0.063</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10200</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>76.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M200YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×4 units							
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 heating seasons are optional.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>22.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>142</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>19.90</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.29</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>12.12</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.39</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>7.79</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.31</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>6.36</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>5.76</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>22.50</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.10</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>12.10</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>1.84</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$co-C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.035</b>	kW	Standby mode	$P_{SB}$	<b>0.063</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	<b>10200</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>78.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2 ep</sub> (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M250YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>233</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>3.33</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>20.63</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.95</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>13.26</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.73</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>12.39</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>7.36</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>0.063</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>11100</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>78.5</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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<sup>(1)</sup>**

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M250YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×4 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>22.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>138</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>19.90</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.41</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>12.12</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.29</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>7.79</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.04</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>6.42</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>5.06</b>	%
$T_j =$ bivalent temperature	$P_{dh}$	<b>22.50</b>	kW	$T_j =$ bivalent temperature	$COP_d$	<b>2.14</b>	%
$T_j =$ operation limit	$P_{dh}$	<b>12.10</b>	kW	$T_j =$ operation limit	$COP_d$	<b>1.82</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.035</b>	kW	Standby mode	$P_{SB}$	<b>0.063</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>11100</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>80.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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<sup>(1)</sup>**

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M300YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>252</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>3.39</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>24.68</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.02</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>15.87</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>9.23</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>13.60</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>9.00</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>0.035</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.081</b>	kW			<b>0.069</b>	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>12000</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>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M300YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×6 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>22.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>138</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>19.90</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.19</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>12.12</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.15</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>7.79</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.70</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>6.38</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.10</b>	%
$T_j =$ bivalent temperature	$P_{dh}$	<b>22.50</b>	kW	$T_j =$ bivalent temperature	$COP_d$	<b>2.38</b>	%
$T_j =$ operation limit	$P_{dh}$	<b>12.10</b>	kW	$T_j =$ operation limit	$COP_d$	<b>1.78</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$co-C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.081</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.035</b>	kW	Standby mode	$P_{SB}$	<b>0.069</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>14400</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>86.5</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M350YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A × 4 units, PEFY-W50VMA2-A × 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 energy efficiency	$\eta_{s,c}$	<b>264</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>3.29</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>29.47</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.99</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>18.95</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>9.25</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>13.48</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>10.77</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>0.082</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>15000</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>81.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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<sup>(1)</sup>

Model(s): Information to identify the model(s) to which the information relates: Outdoor : PURY-M350YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A × 4 units, PEFY-W50VMA2-A × 2 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>28.00</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>24.77</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.24</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>15.08</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.11</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>9.69</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.43</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>7.31</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.52</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>28.00</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.85</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>15.04</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>2.21</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.082</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.034</b>	kW	Standby mode	$P_{SB}$	<b>0.070</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>15000</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>83.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M400YNW-A1 (-BS) Indoor : PEFY-W71VMA2-A × 5 units, PEFY-W50VMA2-A × 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>45.00</b>	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	<b>242</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>45.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>2.97</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>33.16</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.57</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>21.32</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.42</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>18.08</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>9.75</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>0.071</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.083</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>16200</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>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M400YNW-A1 (-BS) Indoor : PEFY-W71VMA2-A × 5 units, PEFY-W50VMA2-A × 1 unit							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>37.02</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>32.75</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.35</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>19.94</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.02</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>12.82</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.60</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>9.88</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.33</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>37.02</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.41</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>19.89</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>2.25</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.083</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.033</b>	kW	Standby mode	$P_{SB}$	<b>0.071</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	<b>18900</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>88.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M450YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A × 4 units, PEFY-W50VMA2-A × 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>50.00</b>	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	<b>259</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>50.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.23</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>36.84</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.59</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>23.68</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.50</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>19.99</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>12.77</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>0.071</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.087</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>16200</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>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M450YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A × 4 units, PEFY-W50VMA2-A × 4 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>37.00</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>32.73</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.33</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>19.92</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>2.91</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>12.81</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>6.07</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>9.91</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.24</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>37.00</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.59</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>19.89</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>2.28</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.087</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.033</b>	kW	Standby mode	$P_{SB}$	<b>0.071</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>18900</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>89.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M500YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>232</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>2.51</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>41.26</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>3.94</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>26.53</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>7.48</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>19.57</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>13.16</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>0.034</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.086</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>17700</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>82.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-M500YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×8 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>37.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>33.17</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.45</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>20.19</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.06</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>12.98</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.05</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>10.29</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.92</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>37.50</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.84</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>20.13</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>2.45</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.086</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.034</b>	kW	Standby mode	$P_{SB}$	<b>0.070</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	<b>17700</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>84.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM200YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×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>259</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>4.36</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>16.51</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>6.53</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>10.61</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>9.36</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>12.67</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>7.73</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>0.063</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>10200</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>76.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM200YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×4 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>22.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>147</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>19.90</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.40</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>12.12</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.52</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>7.79</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.39</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>6.40</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>5.75</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>22.50</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.07</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>12.10</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>1.85</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.035</b>	kW	Standby mode	$P_{SB}$	<b>0.063</b>	kW
Other items							
Capacity control		variable		For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>10200</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>78.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM250YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>263</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>3.64</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>20.63</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.56</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>13.26</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>9.48</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>12.76</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>9.39</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>0.063</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>11100</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>78.5</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PUHY-EM250YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×4 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>22.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>141</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>19.90</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.37</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>12.12</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.36</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>7.79</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.24</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>6.53</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>5.25</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>22.50</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.17</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>12.10</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>1.85</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.071</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.035</b>	kW	Standby mode	$P_{SB}$	<b>0.063</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>11100</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>80.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM300YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>284</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>3.93</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>24.68</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>6.02</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>15.87</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>10.44</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>13.61</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>9.49</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>0.069</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>12000</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>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM300YNW-A1 (-BS) Indoor : PEFY-W50VMA2-A×6 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>22.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>141</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>19.90</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.22</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>12.12</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.27</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>7.79</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.77</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>6.09</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>5.67</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>22.50</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.53</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>12.10</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>1.82</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.081</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.035</b>	kW	Standby mode	$P_{SB}$	<b>0.069</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>14400</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>86.5</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM350YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×4 units, PEFY-W50VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>286</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>3.53</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>29.47</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.61</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>18.95</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>10.08</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>13.84</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>11.22</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>0.070</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.082</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>15000</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>81.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM350YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×4 units, PEFY-W50VMA2-A×2 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>28.00</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>24.77</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.25</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>15.08</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.11</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>9.69</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.46</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>7.41</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.36</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>28.00</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.81</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>15.04</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>2.20</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.082</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.034</b>	kW	Standby mode	$P_{SB}$	<b>0.070</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>15000</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>83.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM400YNW-A1 (-BS) Indoor : PEFY-W71VMA2-A × 5 units, PEFY-W50VMA2-A × 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>45.00</b>	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	<b>261</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>45.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.25</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>33.16</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.16</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>21.32</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>9.25</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>18.35</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>9.71</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>0.071</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.083</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>16200</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>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM400YNW-A1 (-BS) Indoor : PEFY-W71VMA2-A × 5 units, PEFY-W50VMA2-A × 1 unit							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>35.80</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>31.67</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.36</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>19.28</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.01</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>12.39</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.64</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>10.07</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.29</b>	%
$T_j = \text{bivalent temperature}$	$P_{dh}$	<b>35.80</b>	kW	$T_j = \text{bivalent temperature}$	$COP_d$	<b>2.54</b>	%
$T_j = \text{operation limit}$	$P_{dh}$	<b>19.24</b>	kW	$T_j = \text{operation limit}$	$COP_d$	<b>2.27</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.083</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.033</b>	kW	Standby mode	$P_{SB}$	<b>0.071</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>18900</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>88.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM450YNW-A. (-BS) Indoor : PEFY-W63VMA2-A×4 units, PEFY-W50VMA2-A×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>50.00</b>	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	<b>268</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>50.00</b>	kW	$T_j = +35\text{ °C}$	$EER_d$	<b>3.28</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>36.84</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>5.53</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>23.68</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>9.84</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>17.28</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>8.54</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>0.071</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.087</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>16200</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>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM450YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×4 units, PEFY-W50VMA2-A×4 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>37.00</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>32.73</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.23</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>19.92</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>2.88</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>12.81</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>6.10</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>10.07</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>8.39</b>	%
$T_j =$ bivalent temperature	$P_{dh}$	<b>37.00</b>	kW	$T_j =$ bivalent temperature	$COP_d$	<b>2.59</b>	%
$T_j =$ operation limit	$P_{dh}$	<b>19.89</b>	kW	$T_j =$ operation limit	$COP_d$	<b>2.58</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.087</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.033</b>	kW	Standby mode	$P_{SB}$	<b>0.071</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>18900</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>89.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM500YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×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 energy efficiency	$\eta_{s,c}$	<b>261</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>3.10</b>	%
$T_j = +30\text{ °C}$	$P_{dc}$	<b>41.26</b>	kW	$T_j = +30\text{ °C}$	$EER_d$	<b>4.64</b>	%
$T_j = +25\text{ °C}$	$P_{dc}$	<b>26.53</b>	kW	$T_j = +25\text{ °C}$	$EER_d$	<b>8.77</b>	%
$T_j = +20\text{ °C}$	$P_{dc}$	<b>19.31</b>	kW	$T_j = +20\text{ °C}$	$EER_d$	<b>11.81</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>0.086</b>	kW				
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	variable					<b>17700</b>	m <sup>3</sup> /h
Sound power level, outdoor	$L_{WA}$	<b>82.0</b>	dB				
if engine driven: Emissions of nitrogen oxides	$NO_x$	-	mg/kWh fuel input GCV				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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 : PURY-EM500YNW-A1 (-BS) Indoor : PEFY-W63VMA2-A×8 units							
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.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	$P_{rated,h}$	<b>37.50</b>	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	<b>137</b>	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = -7\text{ °C}$	$P_{dh}$	<b>33.17</b>	kW	$T_j = -7\text{ °C}$	$COP_d$	<b>2.30</b>	%
$T_j = +2\text{ °C}$	$P_{dh}$	<b>20.19</b>	kW	$T_j = +2\text{ °C}$	$COP_d$	<b>3.12</b>	%
$T_j = +7\text{ °C}$	$P_{dh}$	<b>12.98</b>	kW	$T_j = +7\text{ °C}$	$COP_d$	<b>5.23</b>	%
$T_j = +12\text{ °C}$	$P_{dh}$	<b>7.84</b>	kW	$T_j = +12\text{ °C}$	$COP_d$	<b>6.01</b>	%
$T_j =$ bivalent temperature	$P_{dh}$	<b>37.50</b>	kW	$T_j =$ bivalent temperature	$COP_d$	<b>2.66</b>	%
$T_j =$ operation limit	$P_{dh}$	<b>20.13</b>	kW	$T_j =$ operation limit	$COP_d$	<b>3.88</b>	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )		-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$ )	$COP_d$	-	%
Bivalent temperature	$T_{biv}$	<b>-10.0</b>	°C	For water-to-air heat pumps: Operation limit temperature	$T_{ol}$	-	°C
Degradation efficient heat pumps**	$CO_2$ - $C_{dh}$	<b>0.25</b>	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	$P_{OFF}$	<b>0.000</b>	kW	Electric back-up heating capacity *	$elbu$	<b>0.000</b>	kW
Thermostat-off mode	$P_{TO}$	<b>0.086</b>	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	<b>0.034</b>	kW	Standby mode	$P_{SB}$	<b>0.070</b>	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: Nominal air flow rate, outdoor measured		<b>17700</b>	m <sup>3</sup> /h
Sound power level, indoor / outdoor measured	$L_{WA}$	<b>84.0</b>	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m <sup>3</sup> /h
Emissions of nitrogen oxides (if applicable)	$NO_x$	-	mg/kWh				
GWP of the refrigerant		<b>675</b>	kg CO <sub>2</sub> ep (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION 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 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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