PRODUCT INFORMATION

PURY-P＊＊＊YNW-A2/TR2/RU2(-BS)

PURY-EP＊＊＊YNW-A2/TR2/RU2(-BS)

For Europe Regulation

PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P200YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×4 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**22.40**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**287.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27º/19ºC (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 ºC	Pdc	**22.40**	kW	T_j = +35 ºC	EER_d	**3.35**	-
T_j = + 30 ºC	Pdc	**16.51**	kW	T_j = + 30 ºC	EER_d	**5.09**	-
T_j = + 25 ºC	Pdc	**10.61**	kW	T_j = + 25 ºC	EER_d	**9.83**	-
T_j = + 20 ºC	Pdc	**8.02**	kW	T_j = + 20 ºC	EER_d	**14.47**	-
Degradation co-efficient air conditioners**	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.048**	kW	Crankcase heater mode	P_{CK}	**0.018**	kW
Thermostat-off mode	P_{TO}	**0.018**	kW	Standby mode	P_{SB}	**0.048**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**10200**	m^3/h
Sound power level, outdoor	L_{WA}	**76**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P200YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**22.40**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**11.28**	kW
T_j = + 2 ºC	Pdh	**6.87**	kW
T_j = + 7 ºC	Pdh	**4.41**	kW
T_j = + 12 ºC	Pdh	**4.12**	kW
T_j = bivalent temperature	Pdh	**12.75**	kW
T_j = operation limit	Pdh	**12.75**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.048**	kW
Thermostat-off mode	P_{TO}	**0.110**	kW
Crankcase heater mode	P_{CK}	**0.018**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**76**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**157.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.72**	~~%~~
T_j = + 2 ºC	COP_d	**4.23**	~~%~~
T_j = + 7 ºC	COP_d	**6.13**	~~%~~
T_j = + 12 ºC	COP_d	**7.35**	~~%~~
T_j = bivalent temperature	COP_d	**1.67**	~~%~~
T_j = operation limit	COP_d	**1.67**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.125**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**10200**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P250YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units

Outdoor heat exchanger of air conditioner: air

Indoor heat exchanger of air conditioner: air

Type: compressor driven vapour compression

if applicable: driver of compressor: electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**28.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**271.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**28.00**	kW	T_j = +35 ºC	EER_d	**2.73**	~~%~~
T_j = + 30 ºC	Pdc	**20.63**	kW	T_j = + 30 ºC	EER_d	**4.77**	~~%~~
T_j = + 25 ºC	Pdc	**13.26**	kW	T_j = + 25 ºC	EER_d	**8.95**	~~%~~
T_j = + 20 ºC	Pdc	**7.32**	kW	T_j = + 20 ºC	EER_d	**14.42**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.048**	kW	Crankcase heater mode	P_{CK}	**0.018**	kW
Thermostat-off mode	P_{TO}	**0.018**	kW	Standby mode	P_{SB}	**0.048**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**11100**	m^3/h
Sound power level, outdoor	L_{WA}	**78**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P250YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**28.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**11.28**	kW
T_j = + 2 ºC	Pdh	**6.87**	kW
T_j = + 7 ºC	Pdh	**4.41**	kW
T_j = + 12 ºC	Pdh	**3.60**	kW
T_j = bivalent temperature	Pdh	**12.75**	kW
T_j = operation limit	Pdh	**12.75**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.048**	kW
Thermostat-off mode	P_{TO}	**0.110**	kW
Crankcase heater mode	P_{CK}	**0.018**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**83**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**157.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.75**	~~%~~
T_j = + 2 ºC	COP_d	**4.42**	~~%~~
T_j = + 7 ºC	COP_d	**5.60**	~~%~~
T_j = + 12 ºC	COP_d	**6.97**	~~%~~
T_j = bivalent temperature	COP_d	**1.34**	~~%~~
T_j = operation limit	COP_d	**1.34**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.125**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**13200**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan

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Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

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PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P300YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×6 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**33.50**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**250.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**33.50**	kW	T_j = +35 ºC	EER_d	**2.85**	~~%~~
T_j = + 30 ºC	Pdc	**24.68**	kW	T_j = + 30 ºC	EER_d	**4.53**	~~%~~
T_j = + 25 ºC	Pdc	**15.87**	kW	T_j = + 25 ºC	EER_d	**7.94**	~~%~~
T_j = + 20 ºC	Pdc	**9.37**	kW	T_j = + 20 ºC	EER_d	**12.39**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.056**	kW	Crankcase heater mode	P_{CK}	**0.021**	kW
Thermostat-off mode	P_{TO}	**0.021**	kW	Standby mode	P_{SB}	**0.056**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**12000**	m^3/h
Sound power level, outdoor	L_{WA}	**80**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P300YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×6 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
Rated heating capacity	$P_{rated,h}$	**33.50**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**11.28**	kW
T_j = + 2 ºC	Pdh	**6.87**	kW
T_j = + 7 ºC	Pdh	**4.41**	kW
T_j = + 12 ºC	Pdh	**5.52**	kW
T_j = bivalent temperature	Pdh	**12.75**	kW
T_j = operation limit	Pdh	**12.75**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.056**	kW
Thermostat-off mode	P_{TO}	**0.119**	kW
Crankcase heater mode	P_{CK}	**0.021**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**86**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**157.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.72**	~~%~~
T_j = + 2 ºC	COP_d	**4.42**	~~%~~
T_j = + 7 ºC	COP_d	**5.89**	~~%~~
T_j = + 12 ºC	COP_d	**6.76**	~~%~~
T_j = bivalent temperature	COP_d	**1.30**	~~%~~
T_j = operation limit	COP_d	**1.30**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.134**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**14400**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan

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Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

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PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P350YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×2 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**40.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**236.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**40.00**	kW	T_j = +35 ºC	EER_d	**2.68**	~~%~~
T_j = + 30 ºC	Pdc	**29.47**	kW	T_j = + 30 ºC	EER_d	**4.07**	~~%~~
T_j = + 25 ºC	Pdc	**18.95**	kW	T_j = + 25 ºC	EER_d	**6.94**	~~%~~
T_j = + 20 ºC	Pdc	**9.67**	kW	T_j = + 20 ºC	EER_d	**14.57**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.068**	kW	Crankcase heater mode	P_{CK}	**0.025**	kW
Thermostat-off mode	P_{TO}	**0.025**	kW	Standby mode	P_{SB}	**0.068**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**15000**	m^3/h
Sound power level, outdoor	L_{WA}	**81**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	**-**	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)				
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan						
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Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.							

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PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P350YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×2 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
Rated heating capacity	$P_{rated,h}$	**40.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**12.56**	kW
T_j = + 2 ºC	Pdh	**7.65**	kW
T_j = + 7 ºC	Pdh	**4.92**	kW
T_j = + 12 ºC	Pdh	**4.91**	kW
T_j = bivalent temperature	Pdh	**14.20**	kW
T_j = operation limit	Pdh	**14.20**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.068**	kW
Thermostat-off mode	P_{TO}	**0.130**	kW
Crankcase heater mode	P_{CK}	**0.025**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**83**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**138.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**2.06**	~~%~~
T_j = + 2 ºC	COP_d	**3.14**	~~%~~
T_j = + 7 ºC	COP_d	**6.03**	~~%~~
T_j = + 12 ºC	COP_d	**6.76**	~~%~~
T_j = bivalent temperature	COP_d	**1.86**	~~%~~
T_j = operation limit	COP_d	**1.86**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.145**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**15000**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P400YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×2 units, PEFY-M63VMA-A1×4 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	$P_{rated,c}$	**45.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**229.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**45.00**	kW	T_j = +35 ºC	EER_d	**2.29**	~~%~~
T_j = + 30 ºC	Pdc	**33.16**	kW	T_j = + 30 ºC	EER_d	**4.05**	~~%~~
T_j = + 25 ºC	Pdc	**21.32**	kW	T_j = + 25 ºC	EER_d	**6.74**	~~%~~
T_j = + 20 ºC	Pdc	**11.42**	kW	T_j = + 20 ºC	EER_d	**14.89**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.068**	kW	Crankcase heater mode	P_{CK}	**0.025**	kW
Thermostat-off mode	P_{TO}	**0.025**	kW	Standby mode	P_{SB}	**0.068**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**16200**	m^3/h
Sound power level, outdoor	L_{WA}	**83**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	**-**	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P400YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×2 units, PEFY-M63VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**45.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**12.56**	kW
T_j = + 2 ºC	Pdh	**7.65**	kW
T_j = + 7 ºC	Pdh	**4.92**	kW
T_j = + 12 ºC	Pdh	**5.60**	kW
T_j = bivalent temperature	Pdh	**14.20**	kW
T_j = operation limit	Pdh	**14.20**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.068**	kW
Thermostat-off mode	P_{TO}	**0.130**	kW
Crankcase heater mode	P_{CK}	**0.025**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**88**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.87**	~~%~~
T_j = + 2 ºC	COP_d	**3.31**	~~%~~
T_j = + 7 ºC	COP_d	**5.81**	~~%~~
T_j = + 12 ºC	COP_d	**6.12**	~~%~~
T_j = bivalent temperature	COP_d	**1.86**	~~%~~
T_j = operation limit	COP_d	**1.86**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.145**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**18900**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P450YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×4 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	$P_{rated,c}$	**50.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**252.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**50.00**	kW	T_j = +35 ºC	EER_d	**2.52**	~~%~~
T_j = + 30 ºC	Pdc	**36.84**	kW	T_j = + 30 ºC	EER_d	**4.17**	~~%~~
T_j = + 25 ºC	Pdc	**23.68**	kW	T_j = + 25 ºC	EER_d	**7.39**	~~%~~
T_j = + 20 ºC	Pdc	**11.78**	kW	T_j = + 20 ºC	EER_d	**18.88**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.076**	kW	Crankcase heater mode	P_{CK}	**0.028**	kW
Thermostat-off mode	P_{TO}	**0.028**	kW	Standby mode	P_{SB}	**0.076**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**16200**	m^3/h
Sound power level, outdoor	L_{WA}	**83**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	**-**	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P450YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**50.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**15.13**	kW
T_j = + 2 ºC	Pdh	**9.21**	kW
T_j = + 7 ºC	Pdh	**5.92**	kW
T_j = + 12 ºC	Pdh	**5.65**	kW
T_j = bivalent temperature	Pdh	**17.10**	kW
T_j = operation limit	Pdh	**17.10**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.076**	kW
Thermostat-off mode	P_{TO}	**0.139**	kW
Crankcase heater mode	P_{CK}	**0.028**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**89**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.81**	~~%~~
T_j = + 2 ºC	COP_d	**3.36**	~~%~~
T_j = + 7 ºC	COP_d	**5.82**	~~%~~
T_j = + 12 ºC	COP_d	**6.05**	~~%~~
T_j = bivalent temperature	COP_d	**1.69**	~~%~~
T_j = operation limit	COP_d	**1.69**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.153**	kW

For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**18900**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P500YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×8 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**56.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**246.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = +35 °C	Pdc	**56.00**	kW	T_j = +35 °C	EER_d	**2.52**	-
T_j = + 30 °C	Pdc	**41.26**	kW	T_j = + 30 °C	EER_d	**3.82**	-
T_j = + 25 °C	Pdc	**26.53**	kW	T_j = + 25 °C	EER_d	**8.08**	-
T_j = + 20 °C	Pdc	**12.80**	kW	T_j = + 20 °C	EER_d	**15.27**	-
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.076**	kW	Crankcase heater mode	P_{CK}	**0.028**	kW
Thermostat-off mode	P_{TO}	**0.028**	kW	Standby mode	P_{SB}	**0.076**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**17700**	m^3/h
Sound power level, outdoor	L_{WA}	**82**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P500YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×8 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
Rated heating capacity	$P_{rated,h}$	**56.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**18.82**	kW
T_j = + 2 ºC	Pdh	**11.46**	kW
T_j = + 7 ºC	Pdh	**7.37**	kW
T_j = + 12 ºC	Pdh	**6.51**	kW
T_j = bivalent temperature	Pdh	**21.28**	kW
T_j = operation limit	Pdh	**21.28**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.076**	kW
Thermostat-off mode	P_{TO}	**0.147**	kW
Crankcase heater mode	P_{CK}	**0.028**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**84**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**2.18**	~~%~~
T_j = + 2 ºC	COP_d	**3.30**	~~%~~
T_j = + 7 ºC	COP_d	**5.21**	~~%~~
T_j = + 12 ºC	COP_d	**5.90**	~~%~~
T_j = bivalent temperature	COP_d	**1.56**	~~%~~
T_j = operation limit	COP_d	**1.56**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.153**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**17700**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-P550YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×8 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	$P_{rated,c}$	**60.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**247.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**60.00**	kW	T_j = +35 ºC	EER_d	**2.32**	~~%~~
T_j = + 30 ºC	Pdc	**44.21**	kW	T_j = + 30 ºC	EER_d	**3.87**	~~%~~
T_j = + 25 ºC	Pdc	**28.42**	kW	T_j = + 25 ºC	EER_d	**8.17**	~~%~~
T_j = + 20 ºC	Pdc	**13.01**	kW	T_j = + 20 ºC	EER_d	**15.51**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.076**	kW	Crankcase heater mode	P_{CK}	**0.028**	kW
Thermostat-off mode	P_{TO}	**0.028**	kW	Standby mode	P_{SB}	**0.076**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**24600**	m^3/h
Sound power level, outdoor	L_{WA}	**89**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-P550YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×8 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
Rated heating capacity	$P_{rated,h}$	**63.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**21.18**	kW
T_j = + 2 ºC	Pdh	**12.89**	kW
T_j = + 7 ºC	Pdh	**8.29**	kW
T_j = + 12 ºC	Pdh	**6.52**	kW
T_j = bivalent temperature	Pdh	**23.94**	kW
T_j = operation limit	Pdh	**23.94**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.076**	kW
Thermostat-off mode	P_{TO}	**0.147**	kW
Crankcase heater mode	P_{CK}	**0.028**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**89**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**2.29**	~~%~~
T_j = + 2 ºC	COP_d	**2.95**	~~%~~
T_j = + 7 ºC	COP_d	**6.00**	~~%~~
T_j = + 12 ºC	COP_d	**7.32**	~~%~~
T_j = bivalent temperature	COP_d	**1.71**	~~%~~
T_j = operation limit	COP_d	**1.71**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.153**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**24600**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP200YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×4 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**22.40**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**295.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**22.40**	kW	T_j = +35 ºC	EER_d	**3.51**	~~%~~
T_j = + 30 ºC	Pdc	**16.51**	kW	T_j = + 30 ºC	EER_d	**5.23**	~~%~~
T_j = + 25 ºC	Pdc	**10.61**	kW	T_j = + 25 ºC	EER_d	**10.05**	~~%~~
T_j = + 20 ºC	Pdc	**8.02**	kW	T_j = + 20 ºC	EER_d	**14.78**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.048**	kW	Crankcase heater mode	P_{CK}	**0.018**	kW
Thermostat-off mode	P_{TO}	**0.018**	kW	Standby mode	P_{SB}	**0.048**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**10200**	m^3/h
Sound power level, outdoor	L_{WA}	**76**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP200YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**22.40**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**11.28**	kW
T_j = + 2 ºC	Pdh	**6.87**	kW
T_j = + 7 ºC	Pdh	**4.41**	kW
T_j = + 12 ºC	Pdh	**4.12**	kW
T_j = bivalent temperature	Pdh	**12.75**	kW
T_j = operation limit	Pdh	**12.75**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.048**	kW
Thermostat-off mode	P_{TO}	**0.110**	kW
Crankcase heater mode	P_{CK}	**0.018**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**76**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.70**	~~%~~
T_j = + 2 ºC	COP_d	**3.51**	~~%~~
T_j = + 7 ºC	COP_d	**5.28**	~~%~~
T_j = + 12 ºC	COP_d	**7.00**	~~%~~
T_j = bivalent temperature	COP_d	**1.68**	~~%~~
T_j = operation limit	COP_d	**1.68**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.125**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**10200**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP250YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**28.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**279.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**28.00**	kW	T_j = +35 ºC	EER_d	**2.87**	~~%~~
T_j = + 30 ºC	Pdc	**20.63**	kW	T_j = + 30 ºC	EER_d	**5.00**	~~%~~
T_j = + 25 ºC	Pdc	**13.26**	kW	T_j = + 25 ºC	EER_d	**9.12**	~~%~~
T_j = + 20 ºC	Pdc	**7.32**	kW	T_j = + 20 ºC	EER_d	**14.51**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.048**	kW	Crankcase heater mode	P_{CK}	**0.018**	kW
Thermostat-off mode	P_{TO}	**0.018**	kW	Standby mode	P_{SB}	**0.048**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**11100**	m^3/h
Sound power level, outdoor	L_{WA}	**78**	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		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP250YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**28.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**11.28**	kW
T_j = + 2 ºC	Pdh	**6.87**	kW
T_j = + 7 ºC	Pdh	**4.41**	kW
T_j = + 12 ºC	Pdh	**3.60**	kW
T_j = bivalent temperature	Pdh	**12.75**	kW
T_j = operation limit	Pdh	**12.75**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.048**	kW
Thermostat-off mode	P_{TO}	**0.110**	kW
Crankcase heater mode	P_{CK}	**0.018**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**80**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.50**	~~%~~
T_j = + 2 ºC	COP_d	**3.51**	~~%~~
T_j = + 7 ºC	COP_d	**5.94**	~~%~~
T_j = + 12 ºC	COP_d	**6.68**	~~%~~
T_j = bivalent temperature	COP_d	**1.68**	~~%~~
T_j = operation limit	COP_d	**1.68**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.125**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**11100**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP300YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×6 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**33.50**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**256.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**33.50**	kW	T_j = +35 ºC	EER_d	**2.99**	~~%~~
T_j = + 30 ºC	Pdc	**24.68**	kW	T_j = + 30 ºC	EER_d	**4.59**	~~%~~
T_j = + 25 ºC	Pdc	**15.87**	kW	T_j = + 25 ºC	EER_d	**8.18**	~~%~~
T_j = + 20 ºC	Pdc	**9.37**	kW	T_j = + 20 ºC	EER_d	**12.45**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.056**	kW	Crankcase heater mode	P_{CK}	**0.021**	kW
Thermostat-off mode	P_{TO}	**0.021**	kW	Standby mode	P_{SB}	**0.056**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**12000**	m^3/h
Sound power level, outdoor	L_{WA}	**80**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP300YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M50VMA-A1×6 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
Rated heating capacity	$P_{rated,h}$	**33.50**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**11.28**	kW
T_j = + 2 ºC	Pdh	**6.87**	kW
T_j = + 7 ºC	Pdh	**4.41**	kW
T_j = + 12 ºC	Pdh	**5.52**	kW
T_j = bivalent temperature	Pdh	**12.75**	kW
T_j = operation limit	Pdh	**12.75**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.056**	kW
Thermostat-off mode	P_{TO}	**0.119**	kW
Crankcase heater mode	P_{CK}	**0.021**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**86**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**138.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.62**	~~%~~
T_j = + 2 ºC	COP_d	**3.51**	~~%~~
T_j = + 7 ºC	COP_d	**5.90**	~~%~~
T_j = + 12 ºC	COP_d	**6.77**	~~%~~
T_j = bivalent temperature	COP_d	**1.68**	~~%~~
T_j = operation limit	COP_d	**1.68**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.134**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**14400**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP350YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×2 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**40.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**238.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**40.00**	kW	T_j = +35 ºC	EER_d	**2.81**	~~%~~
T_j = + 30 ºC	Pdc	**29.47**	kW	T_j = + 30 ºC	EER_d	**4.07**	~~%~~
T_j = + 25 ºC	Pdc	**18.95**	kW	T_j = + 25 ºC	EER_d	**6.95**	~~%~~
T_j = + 20 ºC	Pdc	**9.67**	kW	T_j = + 20 ºC	EER_d	**14.58**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.068**	kW	Crankcase heater mode	P_{CK}	**0.025**	kW
Thermostat-off mode	P_{TO}	**0.025**	kW	Standby mode	P_{SB}	**0.068**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**15000**	m^3/h
Sound power level, outdoor	L_{WA}	**81**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	**-**	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP350YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×2 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
Rated heating capacity	$P_{rated,h}$	**40.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**12.56**	kW
T_j = + 2 ºC	Pdh	**7.65**	kW
T_j = + 7 ºC	Pdh	**4.92**	kW
T_j = + 12 ºC	Pdh	**4.91**	kW
T_j = bivalent temperature	Pdh	**14.20**	kW
T_j = operation limit	Pdh	**14.20**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.068**	kW
Thermostat-off mode	P_{TO}	**0.130**	kW
Crankcase heater mode	P_{CK}	**0.025**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**83**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**139.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**2.07**	~~%~~
T_j = + 2 ºC	COP_d	**3.15**	~~%~~
T_j = + 7 ºC	COP_d	**6.24**	~~%~~
T_j = + 12 ºC	COP_d	**6.77**	~~%~~
T_j = bivalent temperature	COP_d	**1.89**	~~%~~
T_j = operation limit	COP_d	**1.89**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.145**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**15000**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP400YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×2 units, PEFY-M63VMA-A1×4 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	$P_{rated,c}$	**45.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**241.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**45.00**	kW	T_j = +35 ºC	EER_d	**2.40**	~~%~~
T_j = + 30 ºC	Pdc	**33.16**	kW	T_j = + 30 ºC	EER_d	**4.15**	~~%~~
T_j = + 25 ºC	Pdc	**21.32**	kW	T_j = + 25 ºC	EER_d	**7.17**	~~%~~
T_j = + 20 ºC	Pdc	**11.42**	kW	T_j = + 20 ºC	EER_d	**16.07**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.068**	kW	Crankcase heater mode	P_{CK}	**0.025**	kW
Thermostat-off mode	P_{TO}	**0.025**	kW	Standby mode	P_{SB}	**0.068**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**16200**	m^3/h
Sound power level, outdoor	L_{WA}	**83**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	**-**	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP400YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×2 units, PEFY-M63VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**45.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**12.56**	kW
T_j = + 2 ºC	Pdh	**7.65**	kW
T_j = + 7 ºC	Pdh	**4.92**	kW
T_j = + 12 ºC	Pdh	**5.60**	kW
T_j = bivalent temperature	Pdh	**14.20**	kW
T_j = operation limit	Pdh	**14.20**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.068**	kW
Thermostat-off mode	P_{TO}	**0.130**	kW
Crankcase heater mode	P_{CK}	**0.025**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**88**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**139.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.90**	~~%~~
T_j = + 2 ºC	COP_d	**3.32**	~~%~~
T_j = + 7 ºC	COP_d	**6.16**	~~%~~
T_j = + 12 ºC	COP_d	**6.15**	~~%~~
T_j = bivalent temperature	COP_d	**1.89**	~~%~~
T_j = operation limit	COP_d	**1.89**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.145**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**18900**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP450YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×4 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	$P_{rated,c}$	**50.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**260.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**50.00**	kW	T_j = +35 ºC	EER_d	**2.64**	~~%~~
T_j = + 30 ºC	Pdc	**36.84**	kW	T_j = + 30 ºC	EER_d	**4.24**	~~%~~
T_j = + 25 ºC	Pdc	**23.68**	kW	T_j = + 25 ºC	EER_d	**7.78**	~~%~~
T_j = + 20 ºC	Pdc	**11.78**	kW	T_j = + 20 ºC	EER_d	**18.92**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.076**	kW	Crankcase heater mode	P_{CK}	**0.028**	kW
Thermostat-off mode	P_{TO}	**0.028**	kW	Standby mode	P_{SB}	**0.076**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**16200**	m^3/h
Sound power level, outdoor	L_{WA}	**83**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP450YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×4 units, PEFY-M50VMA-A1×4 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
Rated heating capacity	$P_{rated,h}$	**50.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**15.13**	kW
T_j = + 2 ºC	Pdh	**9.21**	kW
T_j = + 7 ºC	Pdh	**5.92**	kW
T_j = + 12 ºC	Pdh	**5.65**	kW
T_j = bivalent temperature	Pdh	**17.10**	kW
T_j = operation limit	Pdh	**17.10**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.076**	kW
Thermostat-off mode	P_{TO}	**0.139**	kW
Crankcase heater mode	P_{CK}	**0.028**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**89**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)
Contact details	MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS 5-66,Tebira 6 Chome,Wakayama-City 640-8686,Japan		

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**139.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**1.82**	~~%~~
T_j = + 2 ºC	COP_d	**3.37**	~~%~~
T_j = + 7 ºC	COP_d	**6.16**	~~%~~
T_j = + 12 ºC	COP_d	**6.07**	~~%~~
T_j = bivalent temperature	COP_d	**1.70**	~~%~~
T_j = operation limit	COP_d	**1.70**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.153**	kW

For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**18900**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

** 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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP500YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M63VMA-A1×8 units							
Outdoor heat exchanger of air conditioner: air							
Indoor heat exchanger of air conditioner: air							
Type: compressor driven vapour compression							
if applicable: driver of compressor: electric motor							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	**56.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**252.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**56.00**	kW	T_j = +35 ºC	EER_d	**2.57**	~~%~~
T_j = + 30 ºC	Pdc	**41.26**	kW	T_j = + 30 ºC	EER_d	**3.99**	~~%~~
T_j = + 25 ºC	Pdc	**26.53**	kW	T_j = + 25 ºC	EER_d	**8.20**	~~%~~
T_j = + 20 ºC	Pdc	**12.80**	kW	T_j = + 20 ºC	EER_d	**15.34**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.076**	kW	Crankcase heater mode	P_{CK}	**0.028**	kW
Thermostat-off mode	P_{TO}	**0.028**	kW	Standby mode	P_{SB}	**0.076**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**17700**	m^3/h
Sound power level, outdoor	L_{WA}	**82**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor : PURY-EP500YNW-A2/TR2/RU2(-BS) Indoor : PEFY-M63VMA-A1×8 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
Rated heating capacity	$P_{rated,h}$	**56.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**18.82**	kW
T_j = + 2 ºC	Pdh	**11.46**	kW
T_j = + 7 ºC	Pdh	**7.37**	kW
T_j = + 12 ºC	Pdh	**6.51**	kW
T_j = bivalent temperature	Pdh	**21.28**	kW
T_j = operation limit	Pdh	**21.28**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.076**	kW
Thermostat-off mode	P_{TO}	**0.147**	kW
Crankcase heater mode	P_{CK}	**0.028**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**84**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**138.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**2.19**	~~%~~
T_j = + 2 ºC	COP_d	**3.31**	~~%~~
T_j = + 7 ºC	COP_d	**5.36**	~~%~~
T_j = + 12 ºC	COP_d	**5.91**	~~%~~
T_j = bivalent temperature	COP_d	**1.59**	~~%~~
T_j = operation limit	COP_d	**1.59**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.153**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**17700**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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(1)

Model(s): Information to identify the model(s) to which the information relates: Outdoor:PURY-EP550YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×8 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	$P_{rated,c}$	**60.00**	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	**253.0**	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27ºC/19ºC (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 ºC	Pdc	**60.00**	kW	T_j = +35 ºC	EER_d	**2.33**	~~%~~
T_j = + 30 ºC	Pdc	**44.21**	kW	T_j = + 30 ºC	EER_d	**4.08**	~~%~~
T_j = + 25 ºC	Pdc	**28.42**	kW	T_j = + 25 ºC	EER_d	**8.29**	~~%~~
T_j = + 20 ºC	Pdc	**13.01**	kW	T_j = + 20 ºC	EER_d	**15.62**	~~%~~
Degradation co-efficient air	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.076**	kW	Crankcase heater mode	P_{CK}	**0.028**	kW
Thermostat-off mode	P_{TO}	**0.028**	kW	Standby mode	P_{SB}	**0.076**	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**24600**	m^3/h
Sound power level, outdoor	L_{WA}	**89**	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	**-**	mg/kWh fuel input GCV				
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (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(1)

Model(s): Information to identify the model(s) to which the information relates:
Outdoor:PURY-EP550YNW-A2/TR2/RU2(-BS) Indoor:PEFY-M71VMA-A1×8 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
Rated heating capacity	$P_{rated,h}$	**63.00**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 ºC	Pdh	**21.18**	kW
T_j = + 2 ºC	Pdh	**12.89**	kW
T_j = + 7 ºC	Pdh	**8.29**	kW
T_j = + 12 ºC	Pdh	**6.52**	kW
T_j = bivalent temperature	Pdh	**23.94**	kW
T_j = operation limit	Pdh	**23.94**	kW
For air-to-water heat pumps: T_j = - 15 ºC (if T_{OL} < - 20 ºC)	Pdh	**-**	kW
Bivalent temperature	T_{biv}	**-10.0**	ºC
Degradation co-efficient heat pumps**	C_{dh}	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.076**	kW
Thermostat-off mode	P_{TO}	**0.147**	kW
Crankcase heater mode	P_{CK}	**0.028**	kW
Other items			
Capacity control	variable		
Sound power level, indoor / outdoor measured	L_{WA}	**89**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	**-**	mg/kWh
GWP of the refrigerant		**2088**	kg $CO_{2\ ep}$ (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137.0**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 ºC	COP_d	**2.29**	~~%~~
T_j = + 2 ºC	COP_d	**2.95**	~~%~~
T_j = + 7 ºC	COP_d	**6.00**	~~%~~
T_j = + 12 ºC	COP_d	**7.32**	~~%~~
T_j = bivalent temperature	COP_d	**1.71**	~~%~~
T_j = operation limit	COP_d	**1.71**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d	**-**	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	**-**	ºC
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.153**	kW
For air-to-air heat pumps: Nominal air flow rate, outdoor measured	-	**24600**	m³/h
For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h

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