

PRODUCT INFORMATION
PURY-P* * * YNW-A (-BS)
PURY-EP* * * YNW-A (-BS)
For Europe Regulation

PRODUCT INFORMATION⁽¹⁾

Model(s): Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P200YNW-A (-BS)				Indoor : PEFY-P50VMHS2-E × 4units			
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	22.40	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	309	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	22.40	kW	$T_j = +35\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 5.05	%
$T_j = +30\text{ °C}$	P_{dc}	16.51	kW	$T_j = +30\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 6.11	%
$T_j = +25\text{ °C}$	P_{dc}	10.61	kW	$T_j = +25\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 11.11	%
$T_j = +20\text{ °C}$	P_{dc}	10.15	kW	$T_j = +20\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 16.21	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.044	kW
Thermostat-off mode	P_{TO}	0.089	kW			0.084	kW
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		10200	m^3/h
Sound power level, outdoor	L_{WA}	76.0	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO_2 eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P200YNW-A (-BS)				Indoor : PEFY-P50VMHS2-E × 4units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	25.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	174	%
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}	21.09	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.50	%
$T_j = +2\text{ °C}$	P_{dh}	13.45	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.96	%
$T_j = +7\text{ °C}$	P_{dh}	8.65	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 7.22	%
$T_j = +12\text{ °C}$	P_{dh}	5.64	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 10.07	%
$T_j =$ bivalent temperature	P_{dh}	22.12	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.61	%
$T_j =$ operation limit	P_{dh}	15.13	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 1.99	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-7.0	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.089	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.044	kW	Standby mode	P_{SB}	0.084	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					10200	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	78.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS)				Indoor : PEFY-P63VMHS2-E × 4units			
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	28.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	316	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	28.00	kW	$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.69	%
$T_j = +30\text{ °C}$	P_{dc}	20.63	kW	$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	5.84	%
$T_j = +25\text{ °C}$	P_{dc}	13.26	kW	$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	10.90	%
$T_j = +20\text{ °C}$	P_{dc}	8.93	kW	$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	17.30	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{CK}	0.044	kW
Thermostat-off mode	P_{TO}	0.089	kW		P_{SB}	0.084	kW
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		11100	m ³ /h
Sound power level, outdoor	L_{WA}	78.5	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P250YNW-A (-BS)				Indoor : PEFY-P63VMHS2-E × 4units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	31.50	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	172	%
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}	23.01	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.69	%
$T_j = +2\text{ °C}$	P_{dh}	16.96	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.87	%
$T_j = +7\text{ °C}$	P_{dh}	10.90	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 6.96	%
$T_j = +12\text{ °C}$	P_{dh}	5.87	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 11.55	%
$T_j = \text{bivalent temperature}$	P_{dh}	25.71	kW	$T_j = \text{bivalent temperature}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.95	%
$T_j = \text{operation limit}$	P_{dh}	15.35	kW	$T_j = \text{operation limit}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.00	%
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 GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-5.2	°C	For water-to-air heat pumps: Operation limit temperature		-	°C
Degradation coefficient of heat pumps**	C_{dh}^{CO-}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	$elbu$	0.000	kW
Thermostat-off mode	P_{TO}	0.089	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.044	kW	Standby mode	P_{SB}	0.084	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					11100	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	80.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P50VMHS2-E × 6units							
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	33.50	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	297	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	33.50	kW	$T_j = +35\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 4.44	%
$T_j = +30\text{ °C}$	P_{dc}	24.68	kW	$T_j = +30\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 5.46	%
$T_j = +25\text{ °C}$	P_{dc}	15.87	kW	$T_j = +25\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 9.35	%
$T_j = +20\text{ °C}$	P_{dc}	11.25	kW	$T_j = +20\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 16.84	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{CK}	0.043	kW
Thermostat-off mode	P_{TO}	0.090	kW		P_{SB}	0.084	kW
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		12000	m ³ /h
Sound power level, outdoor	L_{WA}	80.0	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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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Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P300YNW-A (-BS)				Indoor : PEFY-P50VMHS2-E × 6units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	37.50	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	167	%
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}	29.42	kW	$T_j = -7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.58	%
$T_j = +2\text{ °C}$	P_{dh}	20.19	kW	$T_j = +2\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	3.72	%
$T_j = +7\text{ °C}$	P_{dh}	12.98	kW	$T_j = +7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	6.89	%
$T_j = +12\text{ °C}$	P_{dh}	7.45	kW	$T_j = +12\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	10.68	%
$T_j =$ bivalent temperature	P_{dh}	31.80	kW	$T_j =$ bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.69	%
$T_j =$ operation limit	P_{dh}	19.93	kW	$T_j =$ operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	1.87	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	-	%
Bivalent temperature	T_{biv}	-6.1	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.0	kW
Thermostat-off mode	P_{TO}	0.090	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.043	kW	Standby mode	P_{SB}	0.084	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				14400	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	86.5	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P63VMHS2-E×4units , PEFY-P50VMHS2-E×2units							
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	40.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	298	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	40.00	kW	$T_j = +35\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 3.98	%
$T_j = +30\text{ °C}$	P_{dc}	29.47	kW	$T_j = +30\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 5.94	%
$T_j = +25\text{ °C}$	P_{dc}	18.95	kW	$T_j = +25\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 9.66	%
$T_j = +20\text{ °C}$	P_{dc}	11.34	kW	$T_j = +20\text{ °C}$	EER_d $GUE_{c,bin}/AEF_{c,bin}$	or 13.39	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{CK}	0.051	kW
Thermostat-off mode	P_{TO}	0.081	kW		P_{SB}	0.076	kW
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		15000	m ³ /h
Sound power level, outdoor	L_{WA}	81.0	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P350YNW-A (-BS) Indoor : PEFY-P63VMHS2-E × 4units , PEFY-P50VMHS2-E × 2units							
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	45.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	155	%
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}	31.14	kW	$T_j = -7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.46	%
$T_j = +2\text{ °C}$	P_{dh}	24.23	kW	$T_j = +2\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	3.48	%
$T_j = +7\text{ °C}$	P_{dh}	15.58	kW	$T_j = +7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	6.30	%
$T_j = +12\text{ °C}$	P_{dh}	8.05	kW	$T_j = +12\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	8.87	%
$T_j = \text{bivalent temperature}$	P_{dh}	35.11	kW	$T_j = \text{bivalent temperature}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.96	%
$T_j = \text{operation limit}$	P_{dh}	23.98	kW	$T_j = \text{operation limit}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.37	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	-	%
Bivalent temperature	T_{biv}	-4.3	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.081	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.051	kW	Standby mode	P_{SB}	0.076	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				15000	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	83.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P71VMHS2-E × 5units , PEFY-P50VMHS2-E × 1unit							
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	45.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	283	%
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}	45.00	kW	$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	3.88	%
$T_j = +30\text{ °C}$	P_{dc}	33.16	kW	$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	5.34	%
$T_j = +25\text{ °C}$	P_{dc}	21.32	kW	$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	8.47	%
$T_j = +20\text{ °C}$	P_{dc}	12.41	kW	$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	14.79	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{CK}	0.054	kW
Thermostat-off mode	P_{TO}	0.078	kW		P_{SB}	0.073	kW
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		16200	m ³ /h
Sound power level, outdoor	L_{WA}	83.0	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P400YNW-A (-BS) Indoor : PEFY-P71VMHS2-E × 5units , PEFY-P50VMHS2-E × 1unit							
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	50.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	147	%
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}	35.14	kW	$T_j = -7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.65	%
$T_j = +2\text{ °C}$	P_{dh}	26.92	kW	$T_j = +2\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	3.25	%
$T_j = +7\text{ °C}$	P_{dh}	17.31	kW	$T_j = +7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	5.98	%
$T_j = +12\text{ °C}$	P_{dh}	9.27	kW	$T_j = +12\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	7.70	%
$T_j =$ bivalent temperature	P_{dh}	38.54	kW	$T_j =$ bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.97	%
$T_j =$ operation limit	P_{dh}	24.28	kW	$T_j =$ operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.15	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	-	%
Bivalent temperature	T_{biv}	-4.0	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.078	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.054	kW	Standby mode	P_{SB}	0.073	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					18900	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	88.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P63VMHS2-E × 4units , PEFY-P50VMHS2-E × 4units							
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	50.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	288	%
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}	50.00	kW	$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.04	%
$T_j = +30\text{ °C}$	P_{dc}	36.84	kW	$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	5.32	%
$T_j = +25\text{ °C}$	P_{dc}	23.68	kW	$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	8.58	%
$T_j = +20\text{ °C}$	P_{dc}	16.33	kW	$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	15.50	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode P_{CK} 0.054 kW			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.073	kW
Thermostat-off mode	P_{TO}	0.084	kW				
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured		16200	m ³ /h
Sound power level, outdoor	L_{WA}	83.0	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P450YNW-A (-BS) Indoor : PEFY-P63VMHS2-E × 4units , PEFY-P50VMHS2-E × 4units							
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	56.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	143	%
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}	35.68	kW	$T_j = - 7 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.67	%
$T_j = + 2 \text{ °C}$	P_{dh}	30.15	kW	$T_j = + 2 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.13	%
$T_j = + 7 \text{ °C}$	P_{dh}	19.38	kW	$T_j = + 7 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 5.64	%
$T_j = + 12 \text{ °C}$	P_{dh}	8.63	kW	$T_j = + 12 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 6.73	%
$T_j = \text{bivalent temperature}$	P_{dh}	41.55	kW	$T_j = \text{bivalent temperature}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.22	%
$T_j = \text{operation limit}$	P_{dh}	24.52	kW	$T_j = \text{operation limit}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.22	%
For air-to-water heat pumps: $T_j = - 15 \text{ °C}$ (if $T_{OL} < - 20 \text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = - 15 \text{ °C}$ (if $T_{OL} < - 20 \text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-3.3	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.084	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.054	kW	Standby mode	P_{SB}	0.073	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				18900	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	89.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS)		Indoor : PEFY-P63VMHS2-E × 8units	
Outdoor heat exchanger of air conditioner: [default: air]			
Indoor heat exchanger of air conditioner: [default: air]			
Type: compressor driven vapour compression or sorption process			
if applicable: driver of compressor: [electric motor or internal combustion]			
Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	56.00	kW
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)			
$T_j = +35\text{ °C}$	P_{dc}	56.00	kW
$T_j = +30\text{ °C}$	P_{dc}	41.26	kW
$T_j = +25\text{ °C}$	P_{dc}	26.53	kW
$T_j = +20\text{ °C}$	P_{dc}	17.46	kW
Degradation efficient conditioners**	co-air C_d	0.25	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	0.000	kW
Thermostat-off mode	P_{TO}	0.091	kW
Other items			
Capacity control	fixed/staged/variable		
Sound power level, outdoor	L_{WA}	82.0	dB
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)
Seasonal space cooling energy efficiency	$\eta_{s,c}$	277	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.40	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.42	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	8.29	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	16.32	%
Crankcase heater mode	P_{CK}	0.047	kW
Standby mode	P_{SB}	0.080	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	17700	m ³ /h
Contact details	Name and address of the manufacturer or of its authorised representative.		

** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P500YNW-A (-BS)				Indoor : PEFY-P63VMHS2-E × 8units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	63.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	144	%
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}	39.42	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.47	%
$T_j = +2\text{ °C}$	P_{dh}	33.92	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.21	%
$T_j = +7\text{ °C}$	P_{dh}	21.81	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 5.89	%
$T_j = +12\text{ °C}$	P_{dh}	10.45	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 7.70	%
$T_j =$ bivalent temperature	P_{dh}	45.62	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.08	%
$T_j =$ operation limit	P_{dh}	27.60	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.26	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-2.8	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation efficient heat pumps**	C_{dh}^{CO-}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.091	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.047	kW	Standby mode	P_{SB}	0.080	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable			-	17700	m ³ /h	
Sound power level, indoor / outdoor measured	L_{WA}	84.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-		m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS)				Indoor : PEFY-P71VMHS2-E × 8units			
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	63.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	265	%
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			
$T_j = +35\text{ °C}$	Pdc	63.00	kW	$T_j = +35\text{ °C}$	EER _d GUE _{c,bin} /AEF _{c,bin}	or 3.93	%
$T_j = +30\text{ °C}$	Pdc	46.42	kW	$T_j = +30\text{ °C}$	EER _d GUE _{c,bin} /AEF _{c,bin}	or 4.12	%
$T_j = +25\text{ °C}$	Pdc	29.84	kW	$T_j = +25\text{ °C}$	EER _d GUE _{c,bin} /AEF _{c,bin}	or 7.95	%
$T_j = +20\text{ °C}$	Pdc	17.34	kW	$T_j = +20\text{ °C}$	EER _d GUE _{c,bin} /AEF _{c,bin}	or 16.00	%
Degradation efficient conditioners**	co-air C _d	0.25	-				
Power consumption in modes other than 'active mode'							
Off mode	P _{OFF}	0.000	kW	Crankcase heater mode	P _{CK}	0.047	kW
Thermostat-off mode	P _{TO}	0.091	kW	Standby mode	P _{SB}	0.080	kW
Other items							
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	19500	m ³ /h
Sound power level, outdoor	L _{WA}	83.5	dB				
if engine driven: Emissions of nitrogen oxides	NO _x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						

** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-P550YNW-A (-BS)				Indoor : PEFY-P71VMHS2-E × 8units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	69.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	138	%
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}	42.25	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.51	%
$T_j = +2\text{ °C}$	P_{dh}	37.15	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.00	%
$T_j = +7\text{ °C}$	P_{dh}	23.88	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 5.82	%
$T_j = +12\text{ °C}$	P_{dh}	10.62	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 8.58	%
$T_j =$ bivalent temperature	P_{dh}	48.77	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.95	%
$T_j =$ operation limit	P_{dh}	29.53	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.12	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-2.4	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation efficient heat pumps**	C_{dh}^{CO-}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.091	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.047	kW	Standby mode	P_{SB}	0.080	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					24600	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	89.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS)		Indoor : PEFY-P50VMHS2-E × 4units			
Outdoor heat exchanger of air conditioner: [default: air]					
Indoor heat exchanger of air conditioner: [default: air]					
Type: compressor driven vapour compression or sorption process					
if applicable: driver of compressor: [electric motor or internal combustion]					
Item	Symbol	Value	Unit		
Rated cooling capacity	$P_{rated,c}$	22.40	kW	Seasonal space cooling energy efficiency $\eta_{s,c}$	
				335 %	
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)					
$T_j = +35\text{ °C}$	P_{dc}	22.40	kW	Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j	
$T_j = +30\text{ °C}$	P_{dc}	16.51	kW		
$T_j = +25\text{ °C}$	P_{dc}	10.61	kW		
$T_j = +20\text{ °C}$	P_{dc}	7.40	kW		
Degradation efficient conditioners**	co-air C_d	0.25	-		
Power consumption in modes other than 'active mode'					
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode P_{CK}	
Thermostat-off mode	P_{TO}	0.089	kW		Standby mode P_{SB}
				0.044 kW	
				0.084 kW	
Other items					
Capacity control	fixed/staged/variable			For air-to-air air conditioner: Nominal air flow rate, outdoor measured	
Sound power level, outdoor	L_{WA}	76.0	dB		10200 m ³ /h
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV		
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)		
Contact details	Name and address of the manufacturer or of its authorised representative.				

** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP200YNW-A (-BS)				Indoor : PEFY-P50VMHS2-E × 4units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	25.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	184	%
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}	22.20	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.88	%
$T_j = +2\text{ °C}$	P_{dh}	13.45	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 4.27	%
$T_j = +7\text{ °C}$	P_{dh}	8.65	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 7.24	%
$T_j = +12\text{ °C}$	P_{dh}	5.40	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 7.93	%
$T_j =$ bivalent temperature	P_{dh}	23.20	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.72	%
$T_j =$ operation limit	P_{dh}	14.90	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 1.71	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-8.1	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}^{CO-}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.089	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.044	kW	Standby mode	P_{SB}	0.084	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					10200	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	78.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P63VMHS2-E × 4units				
Outdoor heat exchanger of air conditioner: [default: air]				
Indoor heat exchanger of air conditioner: [default: air]				
Type: compressor driven vapour compression or sorption process				
if applicable: driver of compressor: [electric motor or internal combustion]				
Item	Symbol	Value	Unit	
Rated cooling capacity	$P_{rated,c}$	28.00	kW	
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				
$T_j = +35\text{ °C}$	P_{dc}	28.00	kW	
$T_j = +30\text{ °C}$	P_{dc}	20.63	kW	
$T_j = +25\text{ °C}$	P_{dc}	13.26	kW	
$T_j = +20\text{ °C}$	P_{dc}	10.00	kW	
Degradation efficient conditioners**	co-air C_d	0.25	-	
Power consumption in modes other than 'active mode'				
Off mode	P_{OFF}	0.000	kW	
Thermostat-off mode	P_{TO}	0.089	kW	
Other items				
Capacity control	fixed/staged/variable			
Sound power level, outdoor	L_{WA}	78.5	dB	
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV	
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)	
Contact details	Name and address of the manufacturer or of its authorised representative.			
** 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.				

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	344	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.98	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	8.01	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	12.31	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	13.60	%
Crankcase heater mode			
	P_{CK}	0.044	kW
Standby mode			
	P_{SB}	0.084	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
	-	11100	m ³ /h

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PRODUCT INFORMATION⁽¹⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP250YNW-A (-BS)				Indoor : PEFY-P63VMHS2-E × 4units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	31.50	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	177	%
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}	22.20	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.94	%
$T_j = +2\text{ °C}$	P_{dh}	16.96	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 4.36	%
$T_j = +7\text{ °C}$	P_{dh}	10.90	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 7.38	%
$T_j = +12\text{ °C}$	P_{dh}	5.40	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 8.08	%
$T_j =$ bivalent temperature	P_{dh}	25.25	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.72	%
$T_j =$ operation limit	P_{dh}	14.90	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 1.71	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-4.8	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.089	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.044	kW	Standby mode	P_{SB}	0.084	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				11100	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	80.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-EP300YNW-A (-BS) Indoor : PEFY-P50VMHS2-E × 6units				
Outdoor heat exchanger of air conditioner: [default: air]				
Indoor heat exchanger of air conditioner: [default: air]				
Type: compressor driven vapour compression or sorption process				
if applicable: driver of compressor: [electric motor or internal combustion]				
Item	Symbol	Value	Unit	
Rated cooling capacity	$P_{rated,c}$	33.50	kW	
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				
$T_j = +35\text{ °C}$	P_{dc}	33.50	kW	
$T_j = +30\text{ °C}$	P_{dc}	24.68	kW	
$T_j = +25\text{ °C}$	P_{dc}	15.87	kW	
$T_j = +20\text{ °C}$	P_{dc}	11.97	kW	
Degradation efficient conditioners**	co-air C_d	0.25	-	
Power consumption in modes other than 'active mode'				
Off mode	P_{OFF}	0.000	kW	
Thermostat-off mode	P_{TO}	0.090	kW	
Other items				
Capacity control	fixed/staged/variable			
Sound power level, outdoor	L_{WA}	80.0	dB	
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV	
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)	
Contact details	Name and address of the manufacturer or of its authorised representative.			
** 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.				

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	323	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.53	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	6.26	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	10.63	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	17.10	%
Crankcase heater mode			
	P_{CK}	0.043	kW
Standby mode			
	P_{SB}	0.084	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
	-	12000	m ³ /h

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PRODUCT INFORMATION⁽¹⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP300YNW-A (-BS)				Indoor : PEFY-P50VMHS2-E × 6units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	37.50	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	166	%
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}	27.52	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.23	%
$T_j = +2\text{ °C}$	P_{dh}	20.19	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.97	%
$T_j = +7\text{ °C}$	P_{dh}	12.98	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 6.15	%
$T_j = +12\text{ °C}$	P_{dh}	7.29	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 9.12	%
$T_j =$ bivalent temperature	P_{dh}	31.45	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.85	%
$T_j =$ operation limit	P_{dh}	11.93	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 1.94	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-5.8	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.090	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.043	kW	Standby mode	P_{SB}	0.084	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				14400	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	86.5	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P63VMHS2-E×4units , PEFY-P50VMHS2-E×2units			
Outdoor heat exchanger of air conditioner: [default: air]			
Indoor heat exchanger of air conditioner: [default: air]			
Type: compressor driven vapour compression or sorption process			
if applicable: driver of compressor: [electric motor or internal combustion]			
Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	40.00	kW
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)			
$T_j = +35\text{ °C}$	P_{dc}	40.00	kW
$T_j = +30\text{ °C}$	P_{dc}	29.47	kW
$T_j = +25\text{ °C}$	P_{dc}	18.95	kW
$T_j = +20\text{ °C}$	P_{dc}	13.82	kW
Degradation efficient conditioners**	co-air C_d	0.25	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	0.000	kW
Thermostat-off mode	P_{TO}	0.081	kW
Other items			
Capacity control	fixed/staged/variable		
Sound power level, outdoor	L_{WA}	81.0	dB
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)
Contact details	Name and address of the manufacturer or of its authorised representative.		
** 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.			

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	333	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.54	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	6.31	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	11.27	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	15.91	%
Crankcase heater mode			
	P_{CK}	0.051	kW
Standby mode			
	P_{SB}	0.076	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
	-	15000	m ³ /h

(1) This information is based on COMMISSION REGULATION(EU)2016/2281

PRODUCT INFORMATION⁽¹⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP350YNW-A (-BS) Indoor : PEFY-P63VMHS2-E × 4units , PEFY-P50VMHS2-E × 2units							
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	45.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	161	%
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}	32.24	kW	$T_j = - 7 \text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	2.46	%
$T_j = + 2 \text{ °C}$	P_{dh}	24.23	kW	$T_j = + 2 \text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	3.49	%
$T_j = + 7 \text{ °C}$	P_{dh}	15.58	kW	$T_j = + 7 \text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	6.50	%
$T_j = + 12 \text{ °C}$	P_{dh}	8.34	kW	$T_j = + 12 \text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	10.28	%
$T_j = \text{bivalent temperature}$	P_{dh}	35.96	kW	$T_j = \text{bivalent temperature}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	3.12	%
$T_j = \text{operation limit}$	P_{dh}	23.10	kW	$T_j = \text{operation limit}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	2.24	%
For air-to-water heat pumps: $T_j = - 15 \text{ °C}$ (if $T_{OL} < - 20 \text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = - 15 \text{ °C}$ (if $T_{OL} < - 20 \text{ °C}$)	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	-	%
Bivalent temperature	T_{biv}	-4.8	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation efficient heat pumps**	C_{dh}^{CO-}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	$elbu$	0.000	kW
Thermostat-off mode	P_{TO}	0.081	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.051	kW	Standby mode	P_{SB}	0.076	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				15000	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	83.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-A (-BS) Indoor : PEFY-P71VMHS2-E×5units , PEFY-P50VMHS2-E×1unit				
Outdoor heat exchanger of air conditioner: [default: air]				
Indoor heat exchanger of air conditioner: [default: air]				
Type: compressor driven vapour compression or sorption process				
if applicable: driver of compressor: [electric motor or internal combustion]				
Item	Symbol	Value	Unit	
Rated cooling capacity	$P_{rated,c}$	45.00	kW	
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				
$T_j = +35\text{ °C}$	P_{dc}	45.00	kW	
$T_j = +30\text{ °C}$	P_{dc}	33.16	kW	
$T_j = +25\text{ °C}$	P_{dc}	21.32	kW	
$T_j = +20\text{ °C}$	P_{dc}	15.47	kW	
Degradation efficient conditioners**	co-air C_d	0.25	-	
Power consumption in modes other than 'active mode'				
Off mode	P_{OFF}	0.000	kW	
Thermostat-off mode	P_{TO}	0.078	kW	
Other items				
Capacity control	fixed/staged/variable			
Sound power level, outdoor	L_{WA}	83.0	dB	
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV	
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)	
Contact details	Name and address of the manufacturer or of its authorised representative.			
** 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.				

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	311	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	3.97	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	6.12	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	9.23	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	17.67	%
Crankcase heater mode			
	P_{CK}	0.054	kW
Standby mode			
	P_{SB}	0.073	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
	-	16200	m ³ /h

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PRODUCT INFORMATION⁽¹⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP400YNW-A (-BS) Indoor : PEFY-P71VMHS2-E × 5units , PEFY-P50VMHS2-E × 1unit							
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	50.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	159	%
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}	37.26	kW	$T_j = - 7 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.82	%
$T_j = + 2 \text{ °C}$	P_{dh}	26.92	kW	$T_j = + 2 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.60	%
$T_j = + 7 \text{ °C}$	P_{dh}	17.31	kW	$T_j = + 7 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 5.94	%
$T_j = + 12 \text{ °C}$	P_{dh}	8.27	kW	$T_j = + 12 \text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 7.10	%
$T_j = \text{bivalent temperature}$	P_{dh}	40.71	kW	$T_j = \text{bivalent temperature}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.11	%
$T_j = \text{operation limit}$	P_{dh}	24.87	kW	$T_j = \text{operation limit}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.21	%
For air-to-water heat pumps: $T_j = - 15 \text{ °C}$ (if $T_{OL} < - 20 \text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = - 15 \text{ °C}$ (if $T_{OL} < - 20 \text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-5.2	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.078	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.054	kW	Standby mode	P_{SB}	0.073	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					18900	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	88.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-EP450YNW-A (-BS) Indoor : PEFY-P63VMHS2-E×4units , PEFY-P50VMHS2-E×4units			
Outdoor heat exchanger of air conditioner: [default: air]			
Indoor heat exchanger of air conditioner: [default: air]			
Type: compressor driven vapour compression or sorption process			
if applicable: driver of compressor: [electric motor or internal combustion]			
Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	50.00	kW
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)			
$T_j = +35\text{ °C}$	P_{dc}	50.00	kW
$T_j = +30\text{ °C}$	P_{dc}	36.84	kW
$T_j = +25\text{ °C}$	P_{dc}	23.68	kW
$T_j = +20\text{ °C}$	P_{dc}	15.81	kW
Degradation efficient conditioners**	co-air C_d	0.25	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	0.000	kW
Thermostat-off mode	P_{TO}	0.084	kW
Other items			
Capacity control	fixed/staged/variable		
Sound power level, outdoor	L_{WA}	83.0	dB
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)
Contact details	Name and address of the manufacturer or of its authorised representative.		
** 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.			

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	307	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.66	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	5.76	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	9.00	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	16.07	%
Crankcase heater mode			
	P_{CK}	0.054	kW
Standby mode			
	P_{SB}	0.073	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
	-	16200	m ³ /h

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PRODUCT INFORMATION⁽¹⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP450YNW-A (-BS) Indoor : PEFY-P63VMHS2-E × 4units , PEFY-P50VMHS2-E × 4units							
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	56.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	151	%
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}	37.35	kW	$T_j = - 7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.96	%
$T_j = + 2\text{ °C}$	P_{dh}	30.15	kW	$T_j = + 2\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	3.52	%
$T_j = + 7\text{ °C}$	P_{dh}	19.38	kW	$T_j = + 7\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	6.12	%
$T_j = + 12\text{ °C}$	P_{dh}	8.63	kW	$T_j = + 12\text{ °C}$	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	7.31	%
$T_j =$ bivalent temperature	P_{dh}	41.12	kW	$T_j =$ bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.95	%
$T_j =$ operation limit	P_{dh}	24.28	kW	$T_j =$ operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	2.08	%
For air-to-water heat pumps: $T_j = - 15\text{ °C}$ (if $T_{OL} < - 20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = - 15\text{ °C}$ (if $T_{OL} < - 20\text{ °C}$)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	-	%
Bivalent temperature	T_{biv}	-3.1	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}^{CO-}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	e_{lbu}	0.000	kW
Thermostat-off mode	P_{TO}	0.084	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.054	kW	Standby mode	P_{SB}	0.073	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				18900	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	89.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-EP500YNW-A (-BS) Indoor : PEFY-P63VMHS2-E × 8units							
Outdoor heat exchanger of air conditioner: [default: air]							
Indoor heat exchanger of air conditioner: [default: air]							
Type: compressor driven vapour compression or sorption process							
if applicable: driver of compressor: [electric motor or internal combustion]							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	56.00	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	301	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	P_{dc}	56.00	kW	$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.41	%
$T_j = +30\text{ °C}$	P_{dc}	41.26	kW	$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	5.12	%
$T_j = +25\text{ °C}$	P_{dc}	26.53	kW	$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	9.02	%
$T_j = +20\text{ °C}$	P_{dc}	18.30	kW	$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	17.52	%
Degradation efficient conditioners**	co-air C_d	0.25	-				
Power consumption in modes other than 'active mode'				Crankcase heater mode			
Off mode	P_{OFF}	0.000	kW	Standby mode	P_{SB}	0.047	kW
Thermostat-off mode	P_{TO}	0.091	kW			0.080	kW
Other items				For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					17700	m ³ /h
Sound power level, outdoor	L_{WA}	82.0	dB				
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** 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⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP500YNW-A (-BS)				Indoor : PEFY-P63VMHS2-E × 8units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	63.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	148	%
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}	39.57	kW	$T_j = -7\text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	2.47	%
$T_j = +2\text{ °C}$	P_{dh}	33.92	kW	$T_j = +2\text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	3.23	%
$T_j = +7\text{ °C}$	P_{dh}	21.81	kW	$T_j = +7\text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	6.11	%
$T_j = +12\text{ °C}$	P_{dh}	10.93	kW	$T_j = +12\text{ °C}$	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	10.04	%
$T_j =$ bivalent temperature	P_{dh}	45.88	kW	$T_j =$ bivalent temperature	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	3.12	%
$T_j =$ operation limit	P_{dh}	27.00	kW	$T_j =$ operation limit	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	2.25	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d OR $GUE_{h,bin}/AEF_{h,bin}$	-	%
Bivalent temperature	T_{biv}	-2.9	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	$elbu$	0.000	kW
Thermostat-off mode	P_{TO}	0.091	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.047	kW	Standby mode	P_{SB}	0.080	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control		fixed/staged/variable				17700	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	84.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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-EP550YNW-A (-BS)		Indoor : PEFY-P71VMHS2-E × 8units	
Outdoor heat exchanger of air conditioner: [default: air]			
Indoor heat exchanger of air conditioner: [default: air]			
Type: compressor driven vapour compression or sorption process			
if applicable: driver of compressor: [electric motor or internal combustion]			
Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	63.00	kW
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)			
$T_j = +35\text{ °C}$	Pdc	63.00	kW
$T_j = +30\text{ °C}$	Pdc	46.42	kW
$T_j = +25\text{ °C}$	Pdc	29.84	kW
$T_j = +20\text{ °C}$	Pdc	19.31	kW
Degradation efficient conditioners**	co-air C_d	0.25	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	0.000	kW
Thermostat-off mode	P_{TO}	0.091	kW
Other items			
Capacity control	fixed/staged/variable		
Sound power level, outdoor	L_{WA}	83.5	dB
if engine driven: Emissions of nitrogen oxides	NO_x	-	mg/kWh fuel input GCV
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)
Contact details	Name and address of the manufacturer or of its authorised representative.		
** 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.			

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	289	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = +35\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	3.94	%
$T_j = +30\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	4.82	%
$T_j = +25\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	8.87	%
$T_j = +20\text{ °C}$	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	16.28	%
Crankcase heater mode			
	P_{CK}	0.047	kW
Standby mode			
	P_{SB}	0.080	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured			
	-	19500	m ³ /h

(1) This information is based on COMMISSION REGULATION(EU)2016/2281

PRODUCT INFORMATION⁽¹⁾

Information to identify the model(s) to which the information relates :							
Outdoor : PURY-EP550YNW-A (-BS)				Indoor : PEFY-P71VMHS2-E × 8units			
Outdoor heat exchanger of heat pump: [select which: air]							
Indoor heat exchanger of heat pump: [select which: 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	$P_{rated,h}$	69.00	kW	Seasonal space heating energy efficiency	$\eta_{s,h}$	141	%
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}	41.19	kW	$T_j = -7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.51	%
$T_j = +2\text{ °C}$	P_{dh}	37.15	kW	$T_j = +2\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 3.03	%
$T_j = +7\text{ °C}$	P_{dh}	23.88	kW	$T_j = +7\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 6.24	%
$T_j = +12\text{ °C}$	P_{dh}	11.00	kW	$T_j = +12\text{ °C}$	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 11.14	%
$T_j =$ bivalent temperature	P_{dh}	47.78	kW	$T_j =$ bivalent temperature	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.95	%
$T_j =$ operation limit	P_{dh}	27.92	kW	$T_j =$ operation limit	COP_d GUE _{h,bin} /AEF _{h,bin}	OR 2.06	%
For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	P_{dh}	-	kW	For water-to-air heat pumps: $T_j = -15\text{ °C}$ (if $T_{OL} < -20\text{ °C}$)	COP_d GUE _{h,bin} /AEF _{h,bin}	OR -	%
Bivalent temperature	T_{biv}	-2.0	°C	For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Degradation coefficient of heat pumps**	C_{dh}	0.25	-				
Power consumption in modes other than 'active mode'				Supplementary heater			
Off mode	P_{OFF}	0.000	kW	Electric back-up heating capacity *	el_{bu}	0.000	kW
Thermostat-off mode	P_{TO}	0.091	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.047	kW	Standby mode	P_{SB}	0.080	kW
Other items				For air-to-air heat pumps: Nominal air flow rate, outdoor measured			
Capacity control	fixed/staged/variable					24600	m ³ /h
Sound power level, indoor / outdoor measured	L_{WA}	89.0	dB	For water-/brine-to-air heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-	m ³ /h
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh				
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)				
Contact details	Name and address of the manufacturer or of its authorised representative.						
** If C_d is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25. Where information relates to multi-split heat pumps, the test result and performance data may be obtained 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

WT08740X02