PRODUCT INFORMATION

PURY-M＊＊＊YNW-A (-BS)

PURY-EM＊＊＊YNW-A (-BS)

For Europe Regulation

PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates :
Outdoor : PURY-M200YNW-A (-BS) Indoor : PEFY-WP50VMA-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	$\eta_{s,c}$	**218**	%
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 or $GUE_{c,bin}/AEF_{c,bin}$	**3.27**	~~%~~
T_j = + 30 ºC	Pdc	**16.51**	kW	T_j = + 30 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.97**	~~%~~
T_j = + 25 ºC	Pdc	**10.61**	kW	T_j = + 25 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**7.31**	~~%~~
T_j = + 20 ºC	Pdc	**9.59**	kW	T_j = + 20 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**11.71**	~~%~~
Degradation co-efficient air conditioners**	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.000**	kW	Crankcase heater mode	P_{CK}	**0.043**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW	Standby mode	P_{SB}	**0.073**	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		**675**	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-M200YNW-A (-BS) Indoor : PEFY-WP50VMA-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
Rated heating capacity	$P_{rated,h}$	**17.10**	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	**7.14**	kW
T_j = bivalent temperature	Pdh	**17.10**	kW
T_j = operation limit	Pdh	**12.32**	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**	-

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**142**	%

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 or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.67**	~~%~~
T_j = + 2 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**3.07**	~~%~~
T_j = + 7 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**5.29**	~~%~~
T_j = + 12 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**6.85**	~~%~~
T_j = bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.58**	~~%~~
T_j = operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**1.64**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	-	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}		-	ºC

Power consumption in modes other than 'active mode'

Off mode	P_{OFF}	**0.000**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW
Crankcase heater mode	P_{CK}	**0.043**	kW

Supplementary heater

Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.073**	kW

Other items

Capacity control	fixed/staged/variable		
Sound power level, indoor / outdoor measured	L_{WA}	**78.0**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh
GWP of the refrigerant		**675**	kg CO_2 eq (100 years)

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	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-M250YNW-A (-BS) Indoor : PEFY-WP63VMA-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 27ºC/19ºC (dry/wet bulb)			
T_j = +35 ºC	Pdc	**28.00**	kW
T_j = + 30 ºC	Pdc	**20.63**	kW
T_j = + 25 ºC	Pdc	**13.26**	kW
T_j = + 20 ºC	Pdc	**8.93**	kW
Degradation co-efficient air conditioners**	C_d	**0.25**	-
Power consumption in modes other than 'active mode'			
Off mode	P_{OFF}	**0.000**	kW
Thermostat-off mode	P_{TO}	**0.079**	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		**675**	kg CO_2 eq (100 years)

Item	Symbol	Value	Unit
Seasonal space cooling energy efficiency	$\eta_{s,c}$	**208**	%
Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = +35 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**2.82**	~~%~~
T_j = + 30 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.59**	~~%~~
T_j = + 25 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**6.75**	~~%~~
T_j = + 20 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**11.80**	~~%~~
Crankcase heater mode	P_{CK}	**0.043**	kW
Standby mode	P_{SB}	**0.073**	kW
For air-to-air air conditioner: Nominal air flow rate, outdoor measured	-	**11100**	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.

(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-M250YNW-A (-BS) Indoor : PEFY-WP63VMA-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
Rated heating capacity	$P_{rated,h}$	**21.50**	kW

Item	Symbol	Value	Unit
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

T_j = - 7 ºC	Pdh	**19.02**	kW
T_j = + 2 ºC	Pdh	**11.58**	kW
T_j = + 7 ºC	Pdh	**7.44**	kW
T_j = + 12 ºC	Pdh	**7.25**	kW
T_j = bivalent temperature	Pdh	**21.50**	kW
T_j = operation limit	Pdh	**13.27**	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**	-

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 or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.31**	~~%~~
T_j = + 2 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**3.02**	~~%~~
T_j = + 7 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**5.46**	~~%~~
T_j = + 12 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**7.64**	~~%~~
T_j = bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.12**	~~%~~
T_j = operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**1.82**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	-	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}		-	ºC

Power consumption in modes other than 'active mode'

Off mode	P_{OFF}	**0.000**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW
Crankcase heater mode	P_{CK}	**0.043**	kW

Supplementary heater

Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.073**	kW

Other items

Capacity control	fixed/staged/variable		
Sound power level, indoor / outdoor measured	L_{WA}	**80.0**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh
GWP of the refrigerant		**675**	kg CO_2 eq (100 years)

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	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-M300YNW-A (-BS) Indoor : PEFY-WP50VMA-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	$\eta_{s,c}$	**190**	%
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 or $GUE_{c,bin}/AEF_{c,bin}$	**3.02**	~~%~~
T_j = + 30 ºC	Pdc	**24.68**	kW	T_j = + 30 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.21**	~~%~~
T_j = + 25 ºC	Pdc	**15.87**	kW	T_j = + 25 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**5.95**	~~%~~
T_j = + 20 ºC	Pdc	**11.92**	kW	T_j = + 20 ºC	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**10.15**	~~%~~
Degradation co-efficient air conditioners**	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.000**	kW	Crankcase heater mode	P_{CK}	**0.043**	kW
Thermostat-off mode	P_{TO}	**0.091**	kW	Standby mode	P_{SB}	**0.083**	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		**675**	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-M300YNW-A (-BS) Indoor : PEFY-WP50VMA-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
Rated heating capacity	$P_{rated,h}$	**25.65**	kW
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j			
T_j = - 7 °C	Pdh	**22.69**	kW
T_j = + 2 °C	Pdh	**13.81**	kW
T_j = + 7 °C	Pdh	**8.88**	kW
T_j = + 12 °C	Pdh	**6.84**	kW
T_j = bivalent temperature	Pdh	**25.65**	kW
T_j = operation limit	Pdh	**13.30**	kW
For air-to-water heat pumps: T_j = - 15 °C (if T_{OL} < - 20 °C)	Pdh	-	kW
Bivalent temperature	T_{biv}	**-10.0**	°C
Degradation co-efficient heat pumps**	C_{dh}	**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
Crankcase heater mode	P_{CK}	**0.043**	kW
Other items			
Capacity control	fixed/staged/variable		
Sound power level, indoor / outdoor measured	L_{WA}	**86.5**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh
GWP of the refrigerant		**675**	kg CO_2 eq (100 years)

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**137**	%
Declared coefficient of performance or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures T_j			
T_j = - 7 °C	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	**2.24**	~~%~~
T_j = + 2 °C	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	**2.93**	~~%~~
T_j = + 7 °C	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	**5.77**	~~%~~
T_j = + 12 °C	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	**8.32**	~~%~~
T_j = bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	**2.17**	~~%~~
T_j = operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	**1.62**	~~%~~
For water-to-air heat pumps: T_j = - 15 °C (if T_{OL} < -20 °C)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	-	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}	-	°C
Supplementary heater			
Electric back-up heating capacity *	elbu	**0.0**	kW
Type of energy input			
Standby mode	P_{SB}	**0.083**	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	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-EM200YNW-A (-BS) Indoor : PEFY-WP50VMA-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	$\eta_{s,c}$	**232**	%
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	**22.40**	kW	T_j = +35 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.64**	~~%~~
T_j = + 30 °C	Pdc	**16.51**	kW	T_j = + 30 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**4.26**	~~%~~
T_j = + 25 °C	Pdc	**10.61**	kW	T_j = + 25 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**7.71**	~~%~~
T_j = + 20 °C	Pdc	**9.59**	kW	T_j = + 20 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**12.48**	~~%~~
Degradation co-efficient air conditioners**	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.000**	kW	Crankcase heater mode	P_{CK}	**0.043**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW	Standby mode	P_{SB}	**0.073**	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		**675**	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-EM200YNW-A (-BS) Indoor : PEFY-WP50VMA-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
Rated heating capacity	$P_{rated,h}$	**17.10**	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	$\eta_{s,h}$	**146**	%

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	**7.21**	kW
T_j = bivalent temperature	Pdh	**17.10**	kW
T_j = operation limit	Pdh	**12.70**	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**	-

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 or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.73**	~~%~~
T_j = + 2 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**3.13**	~~%~~
T_j = + 7 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**5.67**	~~%~~
T_j = + 12 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**6.46**	~~%~~
T_j = bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.64**	~~%~~
T_j = operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**1.83**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	-	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}		-	ºC

Power consumption in modes other than 'active mode'

Off mode	P_{OFF}	**0.000**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW
Crankcase heater mode	P_{CK}	**0.043**	kW

Supplementary heater

Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.073**	kW

Other items

Capacity control	fixed/staged/variable		
Sound power level, indoor / outdoor measured	L_{WA}	**78.0**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh
GWP of the refrigerant		**675**	kg CO_2 eq (100 years)

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	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-EM250YNW-A (-BS) Indoor : PEFY-WP63VMA-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	$\eta_{s,c}$	**222**	%
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	**28.00**	kW	T_j = +35 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.19**	~~%~~
T_j = + 30 °C	Pdc	**20.63**	kW	T_j = + 30 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.79**	~~%~~
T_j = + 25 °C	Pdc	**13.26**	kW	T_j = + 25 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**7.02**	~~%~~
T_j = + 20 °C	Pdc	**9.54**	kW	T_j = + 20 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**13.30**	~~%~~
Degradation co-efficient air conditioners**	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.000**	kW	Crankcase heater mode	P_{CK}	**0.043**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW	Standby mode	P_{SB}	**0.073**	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		**675**	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-EM250YNW-A (-BS) Indoor : PEFY-WP63VMA-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
Rated heating capacity	$P_{rated,h}$	**21.50**	kW

Item	Symbol	Value	Unit
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

T_j = - 7 ºC	Pdh	**19.02**	kW
T_j = + 2 ºC	Pdh	**11.58**	kW
T_j = + 7 ºC	Pdh	**7.44**	kW
T_j = + 12 ºC	Pdh	**7.23**	kW
T_j = bivalent temperature	Pdh	**21.50**	kW
T_j = operation limit	Pdh	**12.97**	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**	-

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 or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.36**	~~%~~
T_j = + 2 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**3.14**	~~%~~
T_j = + 7 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**5.28**	~~%~~
T_j = + 12 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**7.78**	~~%~~
T_j = bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.28**	~~%~~
T_j = operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**1.82**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	-	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}		-	ºC

Power consumption in modes other than 'active mode'

Off mode	P_{OFF}	**0.000**	kW
Thermostat-off mode	P_{TO}	**0.079**	kW
Crankcase heater mode	P_{CK}	**0.043**	kW

Supplementary heater

Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.073**	kW

Other items

Capacity control	fixed/staged/variable		
Sound power level, indoor / outdoor measured	L_{WA}	**80.0**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh
GWP of the refrigerant		**675**	kg CO_2 eq (100 years)

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	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-EM300YNW-A (-BS) Indoor : PEFY-WP50VMA-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	$\eta_{s,c}$	**201**	%
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	**33.50**	kW	T_j = +35 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.34**	~~%~~
T_j = + 30 °C	Pdc	**24.68**	kW	T_j = + 30 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**3.38**	~~%~~
T_j = + 25 °C	Pdc	**15.87**	kW	T_j = + 25 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**6.15**	~~%~~
T_j = + 20 °C	Pdc	**12.01**	kW	T_j = + 20 °C	EER_d or $GUE_{c,bin}/AEF_{c,bin}$	**11.20**	~~%~~
Degradation co-efficient air conditioners**	C_d	**0.25**	-				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	**0.000**	kW	Crankcase heater mode	P_{CK}	**0.043**	kW
Thermostat-off mode	P_{TO}	**0.091**	kW	Standby mode	P_{SB}	**0.083**	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		**675**	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-EM300YNW-A (-BS) Indoor : PEFY-WP50VMA-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
Rated heating capacity	$P_{rated,h}$	**25.65**	kW

Item	Symbol	Value	Unit
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

T_j = - 7 ºC	Pdh	**22.69**	kW
T_j = + 2 ºC	Pdh	**13.81**	kW
T_j = + 7 ºC	Pdh	**8.88**	kW
T_j = + 12 ºC	Pdh	**6.84**	kW
T_j = bivalent temperature	Pdh	**25.65**	kW
T_j = operation limit	Pdh	**13.48**	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**	-

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 or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.37**	~~%~~
T_j = + 2 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.88**	~~%~~
T_j = + 7 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**5.81**	~~%~~
T_j = + 12 ºC	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**8.02**	~~%~~
T_j = bivalent temperature	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**2.29**	~~%~~
T_j = operation limit	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	**1.63**	~~%~~
For water-to-air heat pumps: T_j = - 15 ºC (if T_{OL} < -20 ºC)	COP_d or $GUE_{h,bin}/AEF_{h,bin}$	or	-	~~%~~
For water-to-air heat pumps: Operation limit temperature	T_{ol}		-	ºC

Power consumption in modes other than 'active mode'

Off mode	P_{OFF}	**0.000**	kW
Thermostat-off mode	P_{TO}	**0.091**	kW
Crankcase heater mode	P_{CK}	**0.043**	kW

Supplementary heater

Electric back-up heating capacity *	elbu	**0.000**	kW
Type of energy input			
Standby mode	P_{SB}	**0.083**	kW

Other items

Capacity control	fixed/staged/variable		
Sound power level, indoor / outdoor measured	L_{WA}	**86.5**	dB
Emissions of nitrogen oxides (if applicable)	NO_x	-	mg/kWh
GWP of the refrigerant		**675**	kg CO_2 eq (100 years)

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	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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