PCA–HA SERIES

PCA-RP71HAQ

Standard features include a strong carbon-black stainless steel body and built-in oil mist filter to prevent oil from getting into the unit providing a comfortable air conditioning environment in kitchens that use open-flame cooking.

Tough on Oily Smoke

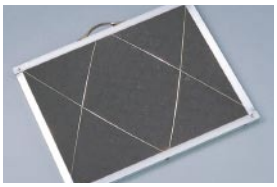
A durable stainless steel casing that is resistant to oil and grease is provided to protect the surface of the body. Grimy dirt and stains are removed easily, enabling the unit to be kept clean at all times.

High-performance Oil Mist Filter

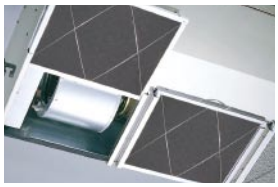
A high-performance heavy-duty oil mist filter is included as standard equipment. The filtering system is more efficient than conventional filters, thereby effectively reducing the oily smoke entering the air conditioner. The filter is disposable, thereby enabling trouble-free cleaning and maintenance.

Oil Mist Filter Cleaning

When used in kitchens, the oil mist filter should be replaced once every two months. The system comes with 12 filters elements. After these have been used, optional elements (PAC-SG38KF-E) can be purchased.



Oil mist filter



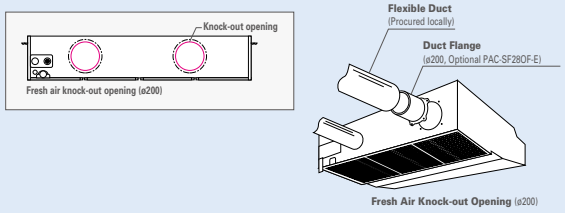
Pull the handle to easily slide the filter out

Easy Maintenance – Even for Cleaning the Fan

A separate fan casing that can be disassembled in sections is adopted to ensure easy fan cleaning. Drain pan cleaning onsite is also no problem owing to the use of a pipe connector that is easily removed.

Fresh Outside-air Intake (Option)

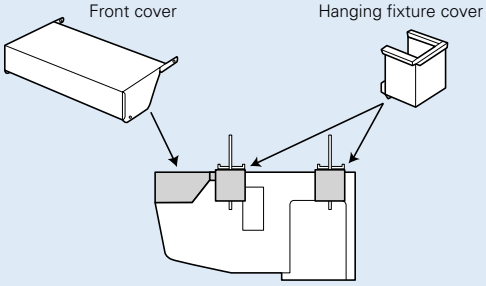
There is a knock-out opening on the rear panel of the unit that can be used to bring fresh air into the unit. This helps to improve ventilation and make the kitchen comfortable.



Notes: 1) A fresh-air duct flange is required (sold separately)
2) Intake air is not 100% fresh (outside) air.

Cosmetic Front and Hanging Fixture Covers (Option)

Cosmetic covers are available to prevent the collection of dust and grime on the main body and hanging fixture sections.



SERIES SELECTION

Power Inverter Series

Indoor Unit

PCA-RP35/50/60/71/100/125/140KAQ

Outdoor Unit

For Single

PUHZ-ZRP35/50

PUHZ-ZRP60/71

PUHZ-ZRP100/125/140

For Multi
(Twin/Triple/Quadruple)

PUHZ-ZRP100/125/140/200/250

Remote Controller

Optional

Optional

Optional

Standard Inverter Series

Indoor Unit

PCA-RP35/50/60/71/100/125/140KAQ

Outdoor Unit

For Single

SUZ-KA35

SUZ-KA50/60/71

PUHZ-P100

PUHZ-P125/140

For Multi
(Twin/Triple/
Quadruple)

PUHZ-P100

PUHZ-P125/140

PUHZ-P200/250

Remote Controller

Optional

Optional

Optional

PCZ-RP KA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																			
	For Single									For Twin						For Triple			For Quadruple	
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	–	–	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50TR-E			MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Standard Inverter (PUHZ-P&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	–	–	–	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50TR-E			MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	

SERIES SELECTION

Power Inverter Series

Indoor Unit

PCA-RP71HAQ

Outdoor Unit

For Single

PUHZ-ZRP71

For Multi (Twin/Triple)

PUHZ-ZRP140/250

Remote Controller

Optional

Optional

Optional

PCZ-RP HA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																			
	For Single									For Twin						For Triple			For Quadruple	
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-ZRP)	–	–	–	71x1	–	–	–	–	–	–	–	–	71x2	–	–	–	–	71x3	–	–
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50TR-E	–	–	–	–	MSDT-111R-E	–	–
Standard Inverter (PUHZ-P)	–	–	–	–	–	–	–	–	–	–	–	–	71x2	–	–	–	–	71x3	–	–
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50TR-E	–	–	–	–	MSDT-111R-E	–	–

PCZ-RP KA SERIES

POWER INVERTER

EUROVENT CERTIFIED PERFORMANCE

Demand Control (Optional) · Pure White · AUTO VANE · Fresh-air Intake · High-efficiency (Optional) · Long Life · Check! · SWING · High Ceiling · Low Ceiling · AUTO · ACO · Auto Restart · Low Temp Cooling · Silent

60-140V/200/250 Ampere Limit · Rotation Back-up (Optional) · (Optional) · Group Control · M-NET connection (Optional) · Wi-Fi Interface (Optional) · COMPO · MXZ connection · Cleaning-free pipe route · Wiring Reuse (Optional) · Drain Lift Up (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump									
Indoor Unit				PCA-RP35KAQ	PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ		PCA-RP125KAQ		PCA-RP140KAQ	
Outdoor Unit				PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2	PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2
Refrigerant				R410A*1									
Power Supply	Source			Outdoor power supply									
	Outdoor (V/Phase/Hz)			VKA • VHA:230 / Single / 50, YKA:400 / Three / 50									
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
		Min - Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated	kW	0.86	1.34	1.66	1.82	2.42	2.42	3.98	3.98	3.95	3.95
	EER			–	–	–	–	–	–	3.14	3.14	3.39	3.39
		EEL Rank		–	–	–	–	–	–	–	–	–	–
	Design Load		kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
	Annual Electricity Consumption*2		kWh/a	206	292	347	375	553	560	834	844	882	893
	SEER			6.1	6.0	6.2	6.6	6.0	5.9	5.2*4	5.2*4	5.3*4	5.2*4
		Energy Efficiency Class		A++	A+	A++	A++	A+	A+	–	–	–	–
Heating (Average Season)	Capacity	Rated	kW	4.1	5.5	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max	kW	1.6-5.2	2.5 - 6.6	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	1.02	1.45	1.93	2.20	3.04	3.04	3.80	3.80	4.57	4.57
	COP			–	–	–	–	–	–	3.68	3.68	3.50	3.50
		EEL Rank		–	–	–	–	–	–	–	–	–	–
	Design Load		kW	2.4	3.8	4.4	4.7	7.8	7.8	9.3	9.3	10.6	10.6
	Declared Capacity	at reference design temperature	kW	2.4 (–10°C)	3.8 (–10°C)	4.4 (–10°C)	4.7 (–10°C)	7.8 (–10°C)	7.8 (–10°C)	9.3 (–10°C)	9.3 (–10°C)	10.6 (–10°C)	10.6 (–10°C)
		at bivalent temperature	kW	2.4 (–10°C)	3.8 (–10°C)	4.4 (–10°C)	4.7 (–10°C)	7.8 (–10°C)	7.8 (–10°C)	9.3 (–10°C)	9.3 (–10°C)	10.6 (–10°C)	10.6 (–10°C)
		at operation limit temperature	kW	2.2 (–11°C)	3.7 (–11°C)	2.8 (–20°C)	3.5 (–20°C)	5.8 (–20°C)	5.8 (–20°C)	7.0 (–20°C)	7.0 (–20°C)	7.9 (–20°C)	7.9 (–20°C)
	Back Up Heating Capacity		kW	0	0	0	0	0	0	0	0	0	0
	Annual Electricity Consumption*2		kWh/a	815	1257	1458	1519	2837	2837	3097	3097	3366	3366
	SCOP			4.1	4.2	4.3	4.3	3.9	3.9	4.2*4	4.2*4	4.4*4	4.4*4
		Energy Efficiency Class		A+	A+	A+	A+	A	A	–	–	–	–
Operating Current (max)			A	13.3	13.4	19.4	19.4	27.2	8.7	27.3	10.3	28.9	13.9
Indoor Unit	Input	Rated	kW	0.04	0.05	0.06	0.06	0.09	0.09	0.11	0.11	0.14	0.14
	Operating Current (max)		A	0.29	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
	Dimensions <Panel>	H × W × D	mm	230 - 960 - 680		230 - 1280 - 680				230 - 1600 - 680			
	Weight <Panel>		kg	24	25	32	32	36	36	38	38	39	39
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	24-26-29-32	24-26-29-32
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	41-43-45-48	41-43-45-48
	Sound Level (PWL)		dB(A)	60	60	60	62	63	63	65	65	68	68
Outdoor Unit	Dimensions	H × W × D	mm	630 - 809 - 300		943 - 950 - 330 (+30)		1338 - 1050 - 330 (+40)					
	Weight		kg	43	46	67	67	116	123	116	125	118	131
	Air Volume	Cooling	m³/min	45.0	45.0	55.0	55.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating	m³/min	45.0	45.0	55.0	55.0	110.0	110.0	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
		Heating	dB(A)	46	46	48	48	51	51	52	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
	Operating Current (max)		A	13.0	13.0	19.0	19.0	26.5	8.0	26.5	9.5	28.0	13.0
	Breaker Size		A	16	16	25	25	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	50	50	50	50	75	75	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*3	°C	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46
		Heating	°C	–11 ~ +21	–11 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21	–20 ~ +21

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO_2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
*3 Optional air protection guide is required where ambient temperature is lower than –5°C. *4 SEER/SCOP values are measured based on EN14825. These values are reference purpose only.

PCZ-P KA SERIES

STANDARD INVERTER

EUROVENT CERTIFIED PERFORMANCE

PUHZ Demand Control (Optional) · Pure White · AUTO VANE · Fresh-air Intake · High-efficiency (Optional) · Long Life · Check! · SWING · High Ceiling · Low Ceiling · AUTO · ACO · Auto Restart · Low Temp Cooling · PUHZ Silent

PUHZ Rotation Back-up (Optional) · (Optional) · PUHZ Group Control · SUZ Group Control (Optional) · M-NET connection (Optional) · Wi-Fi Interface (Optional) · PUHZ COMPO · MXZ connection · Cleaning-free pipe route · PUHZ Wiring Reuse (Optional) · Drain Lift Up (Optional) · PUHZ Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump									
Indoor Unit				PCA-RP35KAQ	PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ		PCA-RP125KAQ		PCA-RP140KAQ	
Outdoor Unit				SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	PUHZ-P100VHA4	PUHZ-P100YHA2	PUHZ-P125VHA3	PUHZ-P125YHA	PUHZ-P140VHA3	PUHZ-P140YHA
Refrigerant				R410A*1									
Power Supply	Source			Outdoor power supply									
	Outdoor (V/Phase/Hz)			VA4 • VHA3 • VHA4:230 / Single / 50, YHA • YHA2:400 / Three / 50									
Cooling	Capacity	Rated	kW	3.6	5.0	5.7	7.1	9.4	9.4	12.3	12.3	13.6	13.6
		Min - Max	kW	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.1	4.9 - 11.2	4.9 - 11.2	5.5 - 14.0	5.5 - 14.0	5.5 - 15.0	5.5 - 15.0
	Total Input	Rated	kW	1.050	1.550	1.720	2.060	3.130	3.130	4.090	4.090	4.840	4.840
	EER			–	–	–	–	–	–	3.01	3.01	2.81	2.81
		EEL Rank		–	–	–	–	–	–	B	B	C	C
	Design Load		kW	3.6	5.0	5.7	7.1	9.4	9.4	–	–	–	–
	Annual Electricity Consumption*2		kWh/a	214	307	332	414	645	645	–	–	–	–
	SEER			5.9	5.7	6.0	6.0	5.1	5.1	–	–	–	–
		Energy Efficiency Class		A+	A+	A+	A+	A	A	–	–	–	–
Heating (Average Season)	Capacity	Rated	kW	4.1	5.5	6.9	7.9	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max	kW	1.7 - 5.0	1.7 - 6.6	2.5 - 8.0	2.6 - 10.2	4.5 - 12.5	4.5 - 12.5	5.0 - 16.0	5.0 - 16.0	5.0 - 18.0	5.0 - 18.0
	Total Input	Rated	kW	1.130	1.520	1.910	2.180	3.280	3.280	4.120	4.120	4.690	4.690
	COP			–	–	–	–	–	–	3.40	3.40	3.41	3.41
		EEL Rank		–	–	–	–	–	–	C	C	B	B
	Design Load		kW	2.6	4.0	4.8	5.8	8.0	8.0	–	–	–	–
	Declared Capacity	at reference design temperature	kW	2.3 (–10°C)	3.6 (–10°C)	4.3 (–10°C)	5.2 (–10°C)	6.3 (–10°C)	6.3 (–10°C)	–	–	–	–
		at bivalent temperature	kW	2.3 (–7°C)	3.6 (–7°C)	4.3 (–7°C)	5.2 (–7°C)	7.1 (–7°C)	7.1 (–7°C)	–	–	–	–
		at operation limit temperature	kW	2.3 (–10°C)	3.6 (–10°C)	4.3 (–10°C)	5.2 (–10°C)	5.0 (–15°C)	5.0 (–15°C)	–	–	–	–
	Back Up Heating Capacity		kW	0.3	0.4	0.5	0.6	1.7	1.7	–	–	–	–
	Annual Electricity Consumption*2		kWh/a	887	1398	1678	2028	2945	2945	–	–	–	–
	SCOP			4.1	4.0	4.0	4.0	3.8	3.8	–	–	–	–
		Energy Efficiency Class		A+	A+	A+	A+	A	A	–	–	–	–
Operating Current (max)			A	8.5	12.4	14.4	16.5	28.7	13.7	28.8	13.8	30.4	13.9
Indoor Unit	Input	Rated	kW	0.04	0.05	0.06	0.06	0.09	0.09	0.11	0.11	0.14	0.14
	Operating Current (max)		A	0.29	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
	Dimensions <Panel>	H × W × D	mm	230-960-680		230-1280-680		230-1600-680					
	Weight <Panel>		kg	24	25	32	32	36	36	38	38	39	39
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	24-26-29-32	24-26-29-32
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	41-43-45-48	41-43-45-48
	Sound Level (PWL)		dB(A)	60	60	60	62	63	63	65	65	68	68
Outdoor Unit	Dimensions	H × W × D	mm	550 - 800 - 285		880 - 840 - 330		943 - 950 - 330 (+30)		1350 - 950 - 330 (+30)			
	Weight		kg	35	54	50	53	75	77	99	101	99	101
	Air Volume	Cooling	m³/min	36.3	44.6	40.9	50.1	60.0	60.0	100.0	100.0	100.0	100.0
		Heating	m³/min	34.8	44.6	49.2	48.2	60.0	60.0	100.0	100.0	100.0	100.0
	Sound Level (SPL)	Cooling	dB(A)	49	52	55	55	50	50	51	51	52	52
		Heating	dB(A)	50	52	55	55	54	54	55	55	56	56
	Sound Level (PWL)	Cooling	dB(A)	62	65	65	69	70	70	71	71	73	73
	Operating Current (max)		A	8.2	12.0	14.0	16.1	28.0	13.0	28.0	13.0	29.5	13.0
	Breaker Size		A	10	20	20	20	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	20	30	30	30	50	50	50	50	50	50
	Max. Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling	°C	–10 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46	–15 ~ +46*3	–15 ~ +46*3	–15 ~ +46*3	–15 ~ +46*3	–15 ~ +46*3	–15 ~ +46*3
		Heating	°C	–10 ~ +24	–10 ~ +24	–10 ~ +24	–10 ~ +24	–15 ~ +21	–15 ~ +21	–15 ~ +21	–15~21	–15 ~ +21	–15 ~ +21

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO_2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
*3 Optional air protection guide is required where ambient temperature is lower than –5°C. *4 SEER/SCOP values are measured based on EN14825. These values are reference purpose only.

PCZ-RP HA SERIES

POWER INVERTER

EUROVENT CERTIFIED PERFORMANCE

Demand Control (Optional) | Fresh-air Intake | Oil Mist Filter | Check! | ACO | Auto Restart | Low Temp Cooling | Silent | Ampere Limit | Rotation Back-up (Optional) | (Optional) | Group Control | M-NET connection (Optional) | COMPO | Cleaning-free pipe system

Wiring Reuse (Optional) | Pump Down | Flare connection | Self Diagnosis | Failure Recall

Type				Inverter Heat Pump
Indoor Unit				PCA-RP71HAQ
Outdoor Unit				PUHZ-ZRP71VHA
Refrigerant				R410A*1
Power Supply	**Source**			Outdoor power supply
	Outdoor (V/Phase/Hz)			230 / Single / 50
Cooling	**Capacity**	Rated	kW	7.1
		Min - Max	kW	3.3 - 8.1
	Total Input	Rated	kW	2.17
	EER			–
		EEL Rank		–
	Design Load		kW	7.1
	Annual Electricity Consumption*2		kWh/a	447
	SEER			5.6
		Energy Efficiency Class		A+
Heating (Average Season)	**Capacity**	Rated	kW	7.6
		Min - Max	kW	3.5 - 10.2
	Total Input	Rated	kW	2.35
	COP			–
		EEL Rank		–
	Design Load		kW	4.7
	Declared Capacity	at reference design temperature	kW	4.7 (–10°C)
		at bivalent temperature	kW	4.7 (–10°C)
		at operation limit temperature	kW	3.5 (–20°C)
	Back Up Heating Capacity		kW	0
	Annual Electricity Consumption*2		kWh/a	1751
	SCOP			3.8
		Energy Efficiency Class		A
Operating Current (max)			A	19.4
Indoor Unit	**Input**	Rated	kW	0.09
	Operating Current (max)		A	0.43
	Dimensions <Panel>	H × W × D	mm	280 - 1136 - 650
	Weight <Panel>		kg	41
	Air Volume [Lo-Hi]		m^3/min	17 - 19
	Sound Level (SPL) [Lo-Hi]		dB(A)	34 - 38
	Sound Level (PWL)		dB(A)	56
Outdoor Unit	**Dimensions**	H × W × D	mm	943 - 950 - 330 (+30)
	Weight		kg	67
	Air Volume	Cooling	m^3/min	55.0
		Heating	m^3/min	55.0
	Sound Level (SPL)	Cooling	dB(A)	47
		Heating	dB(A)	48
	Sound Level (PWL)	Cooling	dB(A)	67
	Operating Current (max)		A	19.0
	Breaker Size		A	25
Ext. Piping	**Diameter**	Liquid / Gas	mm	9.52 / 15.88
	Max. Length	Out-In	m	50
	Max. Height	Out-In	m	30
Guaranteed Operating Range [Outdoor]		Cooling*3	°C	–15 ~ +46
		Heating	°C	–20 ~ +21

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO_2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.