

SEZ-KD SERIES



Indoor Unit



SEZ-KD25/35/50/60/71VAQ (Requires Wired Remote Controller)
SEZ-KD25/35/50/60/71VAL (Wireless Remote Controller is enclosed)

Outdoor Unit



SUZ-KA25/35VA5



SUZ-KA50/60/71VA5

Remote Controller



Enclosed in
SEZ-KD25/35/50/60/71VAL



*optional
(for SEZ-KD VAQ)



*optional
(for SEZ-KD VAQ)



Type			Inverter Heat Pump						
Indoor Unit			SEZ-KD25VAQ/VAL	SEZ-KD35VAQ/VAL	SEZ-KD50VAQ/VAL	SEZ-KD60VAQ/VAL	SEZ-KD71VAQ/VAL		
Outdoor Unit			SUZ-KA25VA5	SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60VA5	SUZ-KA71VA5		
Refrigerant			R410A*1						
Power Supply			Outdoor power supply						
Source			230 / Single / 50						
Outdoor (V/Phase/Hz)									
Cooling	Capacity	Rated	kW	2.5	3.5	5.1	5.6	7.1	
		Min - Max	kW	1.5 - 3.2	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.3	
	Total Input	Rated	kW	0.730	1.010	1.580	1.740	2.210	
	Design Load		kW	2.5	3.5	5.1	5.6	7.1	
	Annual Electricity Consumption*2		kWh/a	168	219	313	376	477	
	SEER*3			5.2	5.6	5.7	5.2	5.2	
Energy Efficiency Class				A	A+	A+	A	A	
Heating (Average Season)	Capacity	Rated	kW	2.9	4.2	6.4	7.4	8.1	
		Min - Max	kW	1.3 - 4.5	1.7 - 5.0	1.7 - 7.2	2.5 - 8.0	2.6 - 10.4	
	Total Input	Rated	kW	0.803	1.130	1.800	2.200	2.268	
	Design Load		kW	2.2	2.8	4.6	5.5	6.0	
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.5 (-10°C)	4.1 (-10°C)	4.5 (-10°C)	5.3 (-10°C)	
		at bivalent temperature	kW	1.9 (-7°C)	2.5 (-7°C)	4.1 (-7°C)	4.8 (-7°C)	5.3 (-7°C)	
		at operation limit temperature	kW	1.9 (-10°C)	2.5 (-10°C)	4.1 (-10°C)	4.5 (-10°C)	5.3 (-10°C)	
	Back Up Heating Capacity		kW	0.3	0.3	0.5	1.0	0.7	
Annual Electricity Consumption*2		kWh/a	808	979	1653	1878	2202		
SCOP*3			3.8	4.0	3.9	4.1	3.8		
Energy Efficiency Class				A	A+	A	A+	A	
Operating Current (max)			A	7.4	8.7	12.7	14.7	17.0	
Indoor Unit	Input	Rated	kW	0.040	0.050	0.070	0.070	0.100	
		Operating Current (max)	A	0.4	0.5	0.7	0.7	0.9	
	Dimensions <Panel>	H x W x D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700	
	Weight <Panel>		kg	18	21	23	27	27	
	Air Volume [Lo-Mid-Hi]		m³/min	6 - 7 - 9	7 - 9 - 11	10 - 13 - 15	12 - 15 - 18	12 - 16 - 20	
	External Static Pressure		Pa	5 / 15 / 35 / 50	5 / 15 / 35 / 50	5 / 15 / 35 / 50	5 / 15 / 35 / 50	5 / 15 / 35 / 50	
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	22 - 25 - 29	23 - 28 - 33	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39	
	Sound Level (PWL)		dB(A)	50	53	57	58	60	
	Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	880 - 840 - 330	880 - 840 - 330	880 - 840 - 330
			Weight	kg	30	35	54	50	53
Air Volume		Cooling	m³/min	32.6	36.3	44.6	40.9	50.1	
		Heating	m³/min	34.7	34.8	44.6	49.2	48.2	
Sound Level (SPL)		Cooling	dB(A)	47	49	52	55	55	
		Heating	dB(A)	48	50	52	55	55	
Sound Level (PWL)		Cooling	dB(A)	58	62	65	65	69	
Operating Current (max)			A	7.0	8.2	12.0	14.0	16.1	
Breaker Size			A	10	10	20	20	20	
Ext. Piping		Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	20	20	30	30	30	
	Max. Height	Out-In	m	12	12	30	30	30	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46		
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24		

*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 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1kg of CO₂ 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 SEER/SCOP are measured at ESP 35Pa.