

SPECIFICATIONS

COMPACT CEILING-CONCEALED (SEZ)											
Indoor Unit Model	SEZ-KD25VAQ(L)		SEZ-KD35VAQ(L)		SEZ-KD50VAQ(L)		SEZ-KD60VAQ(L)		SEZ-KD71VAQ(L)		
Outdoor Unit Model	SUZ-KA25VAD		SUZ-KA35VAD		SUZ-KA50VAD		SUZ-KA60VAD		SUZ-KA71VAD		
Function	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	
Capacity (min.-max.) (kW)	2.5 (1.5-3.2)	3.0 (1.3-4.5)	3.7 (1.4-3.9)	4.2 (1.7-5.0)	5.1 (2.3-5.6)	6.4 (1.7-7.2)	5.6 (2.3-6.3)	7.4 (2.5-8.0)	6.5 (2.8-8.3)	8.1(2.6-10.4)	
Input (kW)	0.75	0.83	1.09	1.13	1.64	1.81	1.77	2.05	2.06	2.18	
Rated EER/COP	3.33	3.61	3.39	3.72	3.11	3.54	3.16	3.61	3.16	3.72	
Rated AEER/ACOP	3.21	3.49	3.31	3.62	3.05	3.48	3.11	3.55	3.10	3.66	
AEER/ACOP (part-load %) ¹⁾					3.72						
Power Supply	V: Single-phase, 50Hz, 230V										
Airflow (Low-Mid-High)	CMM	5.5-7.9		7.9-11		10-12.5-15		12-15-18		12-16-20	
	L/S	92-117-150		117-150-183		167-208-250		200-250-300		200-267-333	
External Static Pressure Pa	5/15/35/50										
Sound Pressure Level (dB)	23-26-30		23-28-33		30-34-37		30-34-38		30-35-40		
Supply Air Spigot Size	(mm) 660×150		860×150				1,060×150				
Dimensions	Height (mm)	200		200				200			
	Width (mm)	790		990				1,190			
	Depth (mm)	700		700				700			
Weight (kg)	18		21		23		27				

Notes:

- *1 MEPS compliant at part load.
SUZ-KA*VAD is potentially demand response capable unit. DRC-101A is required.

CEILING-CONCEALED (PEAD)											
Indoor Unit Model	PEAD-RP71JAAD		PEAD-RP71JAAD		PEAD-RP100JAAD		PEAD-RP125JAAD		PEAD-RP140JAAD		
Outdoor Unit Model	SUZ-KA71VAD		PUHZ-RP71VHA5		PUHZ-RP100V/YKA2		PUHZ-RP125V/YKA2		PUHZ-RP140V/YKA2		
Function	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	
Capacity (min.-max.) (kW)	7.1 (2.8-8.1)	8.0 (2.6-10.2)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.0 (5.5-14.0)	14.0 (5.0-16.0)	13.0 (6.2-15.3)	16.0 (5.7-18.0)	
Input (kW)	2.10	2.04	2.03	2.00	2.77	2.72	3.60	3.50	3.91	4.04	
Rated EER/COP	3.38	3.92	3.50	4.00	3.61	4.12	3.33	4.00	3.32	3.96	
Rated AEER/ACOP	3.33	3.86	3.31	3.78	3.34/3.31	3.81/3.78	3.14/3.11	3.76/3.74	3.09/3.07	3.76/3.73	
AEER/ACOP (part-load %) ¹⁾									3.68/3.63		
Power Supply	V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V										
Airflow (Low-Mid-High)	CMM	17.5-21-25				24-29-34		29.5-35.5-42		32-39-46	
	L/S	292-350-417				400-483-567		492-592-700		533-650-767	
External Static Pressure Pa	35/50/70/100/125										
Sound Pressure Level (dB)	30-34-39				33-38-42		36-40-44		40-44-49		
Return Air Spigot Size (mm)	1,058×210				1,358×210		1,358×210		1,558×210		
Supply Air Spigot Size (mm)	1,060×178				1,360×178		1,360×178		1,560×178		
Dimensions	Height (mm)					250					
	Width (mm)	1,100						1,400		1,600	
	Depth (mm)					732					
Weight (kg)	30				39		40		44		

Notes:

- *1 MEPS compliant at part load.
SUZ-KA*VAD is potentially demand response capable unit. DRC-101A is required.

CEILING-CONCEALED (PEA)													
Indoor Unit Model	PEA-RP100GAA		PEA-RP125GAA		PEA-RP140GAA		PEA-RP170WJA		PEA-RP200WJA		PEA-RP250WHA		
Outdoor Unit Model	PUHZ-RP100V/YKA2		PUHZ-RP125V/YKA2		PUHZ-RP140V/YKA2		PUHZ-RP170V/YKA2		PUHZ-RP200YKA2		PUHZ-RP250YKM		
Function	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	
Capacity (min.-max.) (kW)	10.0 (4.9-11.4)	11.2 (4.5-14.0)	12.5 (5.5-14.0)	14.0 (5.0-16.0)	13.5 (6.2-15.3)	16.0 (5.7-18.0)	16.0 (9.0-20.0)	20.0 (9.5-22.4)	18.9 (9.0-22.4)	22.4 (9.5-25.0)	22.0 (11.2-27.0)	25.0 (12.5-29.0)	
Input (kW)	2.60	2.51	3.97	3.27	4.19	3.90	5.00	6.00	5.92	6.89	6.11	6.89	
Rated EER/COP ¹⁾	3.85	4.46	3.15	4.28	3.22	4.10	3.20	3.33	3.19	3.25	3.60	3.62	
Rated AEER/ACOP	3.54/3.51	4.11/4.07	2.98/2.96	4.01/3.98	3.06/3.04	3.88/3.86	3.16/3.11	3.22/3.18	3.04	3.12	3.27	3.37	
AEER/ACOP (part-load %) ²⁾			3.69/3.63		3.67/3.61				3.71				
Power Supply	V: Single-phase, 50Hz, 230V Y: Three-phase, 50Hz, 400V												
Airflow (Low-Mid-High)	CMM	34-42		50Pa: 48-60, 100Pa: 43-54, 150Pa: 41-52				50-61-72			58-71-84		
	L/S	560-700		50Pa: 800-1,000, 100Pa: 716-900, 150Pa: 683-866				833-1,017-1,200			967-1,183-1,400		
External Static Pressure Pa	50/100/150												
Sound Pressure Level ³⁾ (dB)	39-42		42-45				38-41-44			40-43-46			
Return Air Spigot Size (mm)	1,102×330								1,100×420				
Supply Air Spigot Size (mm)	921×250								1,100×340				
Dimensions	Height (mm)	400								470			
	Width (mm)	1,400								1,370			
	Depth (mm)	634								1,120			
Weight (kg)	63								108				

Notes:

- *1 Rated EER/COP for PEA-RP170/200WJA/250WHA are measured at ESP 75 Pa.
- *2 MEPS compliant at part load.
- *3 Sound pressure level for PEA-RP125/140GAA are measured in anechoic chamber at ESP 50 Pa.
Sound pressure level for PEA-RP170/200WJA/250WHA are measured in anechoic chamber at ESP 150 Pa.

SPECIFICATIONS

OUTDOOR UNIT						
Model		SUZ-KA25VAD	SUZ-KA35VAD	SUZ-KA50VAD	SUZ-KA60VAD	SUZ-KA71VAD
External Finish		Munsell 3.0Y 7.8/1.1				
Power Supply		Single-phase, 50Hz, 230V				
Compressor Output (kW)		0.55	0.65	0.9	0.9	1.2
Airflow (Cooling / Heating) CMM (L/S)		34 (568)/32 (534)	33 (551)	49 (817)	58 (960)/49 (816)	57 (950)/48 (800)
Sound Pressure Level (dB)	Cooling Mode	46	47	53	55	
	Heating Mode	46	48	55	55	
Sound Power Level (dB)		59	61	68	69	
Dimensions	Height (mm)	550		850	880	
	Width (mm)	800		840	840	
	Depth (mm)	285		330	330	
Weight (kg)		30	33	53	50	53
Chargeless Piping Length (m)		7				
Max. Piping Length (m)		20			30	
Max. Height Difference (m)		12			30	
Pipe Size OD (mm)		Liquid: ø6.35 Gas: ø9.52		Liquid: ø6.35 Gas: ø12.7	Liquid: ø6.35 Gas: ø15.88	Liquid: ø9.52 Gas: ø15.88
Thickness (mm)		Liquid: t 0.8 Gas: t 0.8			Liquid: t 0.8 Gas: t 1.0	
Breaker Size (A)		10			20	

OUTDOOR UNIT						
Model		PUHZ-RP71VHA5	PUHZ-RP100V/YKA2	PUHZ-RP125V/YKA2	PUHZ-RP140V/YKA2	
External Finish		Munsell 3.0Y 7.8/1.1				
Power Supply		V. Single-phase, 50Hz, 230V Y. Three-phase, 50Hz, 400V				
Compressor Output (kW)		1.6	1.9	2.4	2.9	
Airflow (Cooling / Heating) CMM (L/S)		60 (1,000)	110 (1,830)	120 (2,000)		
Sound Pressure Level (dB)	Cooling Mode	47	49	50	50	
	Silent Mode	44	46	47	47	
	Heating Mode	48	51	52	52	
Sound Power Level (dB)		66	69	70	70	
Dimensions	Height (mm)	943	1,338			
	Width (mm)	950	1,050			
	Depth (mm)	330	330			
Weight (kg)		67	V. 118 Y. 119		V. 120 Y. 121	
Chargeless Piping Length (m)		30	30			
Max. Piping Length (m)		50	75			
Max. Height Difference (m)		30				
Pipe Size OD (mm)		Liquid: ø9.52 Gas: ø15.88				
Thickness (mm)		Liquid: t 0.8 Gas: t 1.0				
Protection Device		Discharge thermo, HP switch				
Rated Running Current (Cooling / Heating) (A)		9.05/9.64	V. 12.64/13.58 Y. 4.42/4.75	V. 16.36/16.90 Y. 5.73/5.91	V. 17.17/19.23 Y. 6.01/6.73	
Breaker Size (A)		25	V. 32 Y. 16		V. 40 Y. 16	

OUTDOOR UNIT						
Model		PUHZ-RP170V/YKA2	PUHZ-RP200YKA2	PUHZ-RP250YKM		
External Finish		Munsell 3.0Y 7.8/1.1		Munsell 5.0Y 8.0/1.0 or Similar		
Power Supply		V. Single-phase, 50Hz, 230V Y. Three-phase, 50Hz, 400V				
Compressor Output (kW)		3.0	3.6	6.9		
Airflow (Cooling / Heating) CMM (L/S)		140 (2,330)	140 (2,330)	175 (2,917)		
Sound Pressure Level (dB)	Cooling Mode	58	58	58		
	Silent Mode	56	56	48		
	Heating Mode	59	59	58		
Sound Power Level (dB)		76	76	78		
Dimensions	Height (mm)	1,338	1,338	1,650		
	Width (mm)	1,050	1,050	920		
	Depth (mm)	330	330	740		
Weight (kg)		V. 127 Y. 131	136	199		
Chargeless Piping Length (m)		30	30	0		
Max. Piping Length (m)		75	75	75		
Max. Height Difference (m)		30				
Pipe Size OD (mm)		Liquid: ø9.52 Gas: ø25.4			Liquid: ø9.52 Gas: ø22.2	
Thickness (mm)		Liquid: t 0.8 Gas: t 1.0				
Protection Device		Discharge thermo, HP switch				
Rated Running Current (Cooling / Heating) (A)		V. 19.4/23.9 Y. 6.8/8.3	8.2/9.7	9.7/11.0		
Breaker Size (A)		V. 40 Y. 32	32	32		

GUARANTEED OPERATING RANGE						
		SUZ-KA			PUHZ	
		25/35	50	60/71	71/100/125/140/170/200	250
Cooling	Upper Limit (DB)	46°C	43°C	46°C	46°C	46°C
	Lower Limit (DB)	-10°C	-15°C	-15°C	-5°C (-15°C*)	-5°C
Heating	Upper Limit (DB)	24°C	24°C	24°C	21°C	15.5°C (WB)
	Lower Limit (DB)	-15°C	-15°C	-15°C	-20°C	-20°C (WB)

* With the optional air protection guide, the operation at -15°C outdoor temperature is possible.

Sound Pressure Level:

- Sound pressure measurements were conducted in an anechoic chamber.
- The actual noise level depends on the distance from the unit and the acoustic environment.

Notes for All Specifications:

- Rating conditions (AS/NZS 3823)
- Cooling - Indoor: 27°C DB, 19°C WB
Outdoor: 35°C DB
- Heating - Indoor: 20°C DB
Outdoor: 7°C DB, 6°C WB
- Refrigerant piping length (one-way): 5m
- * Above specifications are for outdoor units only.
- * For PUHZ-RP250YKM: 7.5m

Total input based on the indicated voltage (indoor/outdoor)

50Hz	Indoor	Outdoor
	Single-phase, 230V	Single-phase, 230V/ Three-phase, 400V

NOTES

Dealer Contact Details & Product Recommendations