

Indoor Unit		PEAD-SM71JA(L)	PEAD-SM100JA(L)	PEAD-SM100JA(L)	PEAD-SM125JA(L)	PEAD-SM125JA(L)	PEAD-SM140JA(L)	PEAD-SM140JA(L)			
Outdoor Unit		SUZ-SM71VA	PUZ-SM100VKA	PUZ-SM100VKA	PUZ-SM125VKA	PUZ-SM125VKA	PUZ-SM140VKA	PUZ-SM140VKA			
Refrigerant		R32(*1)	R32(*1)	R32(*1)	R32(*1)	R32(*1)	R32(*1)	R32(*1)			
Power	Source	Outdoor Power supply									
Supply	Outdoor(V/Phase/Hz)	VA • VKA:230 / Single /50, YKA:400 / Three /50									
Cooling	Capacity	Rated	kW	7,1	9,5	9,5	12,1	12,1	13,4	13,4	
		Min-Max	kW	2,2 - 8,1	4,0 - 10,6	4,0 - 10,6	6,0 - 13,0	6,0 - 13,0	6,1 - 14,1	6,1 - 14,1	
	Total Input	Rated	kW	2,08	2,95	2,95	4,17	4,17	4,96	4,96	
	EER			3,41	3,21	3,21	2,90	2,90	2,70	2,70	
		EEL Rank		-	-	-	-	-	-	-	
	Design load		kW	7,1	9,5	9,5	12,1	12,1	13,4	13,4	
	Annual electricity consumption <sup>(*)2</sup>		kWh/a	451	626	626	-	-	-	-	
	SEER			5.5	5.3	5.3	-	-	-	-	
		Energy efficiency class		A	A	A	-	-	-	-	
	Heating (Average Season)	Capacity	Rated	kW	8,0	11,2	11,2	13,5	13,5	15,0	15,0
Min-Max			kW	2,0 - 10,2	2,8 - 12,5	2,8 - 12,5	4,1 - 15,0	4,1 - 15,0	4,2 - 15,8	4,2 - 15,8	
Total Input		Rated	kW	2,21	3,02	3,02	3,85	3,85	4,28	4,28	
COP				3,61	3,70	3,70	3,50	3,50	3,50	3,50	
		EEL Rank		-	-	-	-	-	-	-	
Design load			kW	5,8	8,0	8,0	8,5	8,5	9,4	9,4	
Declared Capacity		at reference design temperature	kW	5,2 (-10°C)	6,0 (-10°C)	6,0 (-10°C)	8,5 (-10°C)	8,5 (-10°C)	9,4 (-10°C)	9,4 (-10°C)	
		at bivalent temperature	kW	5,2 (-7°C)	7,0 (-7°C)	7,0 (-7°C)	8,5 (-10°C)	8,5 (-10°C)	9,4 (-10°C)	9,4 (-10°C)	
		at operation limit temperature	kW	5,2 (-10°C)	4,5 (-15°C)	4,5 (-15°C)	6,0 (-15°C)	6,0 (-15°C)	7,0 (-15°C)	7,0 (-15°C)	
Back up heating capacity			kW	0,6	2,0	2,0	0,0	0,0	0,0	0,0	
Annual electricity consumption <sup>(*)2</sup>		kWh/a	2080	2865	2865	-	-	-	-		
SCOP			3.9	3.9	3.9	-	-	-	-		
	Energy efficiency class		A	A	A	-	-	-	-		
Operating Current(Max)			A	16,8	22,7	14,2	29,3	14,3	32,8	14,3	
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.17 / 0.15	0.25(0.23) / 0.23	0.25(0.23) / 0.23	0.36(0.34) / 0.34	0.36(0.34) / 0.34	0.39(0.37) / 0.37	0.39(0.37) / 0.37	
	Operating Current(Max)		A	1,97	2,65	2,65	2,76	2,76	2,78	2,78	
	Dimensions	H*W*D	mm	250-1100-732	250-1400-732	250-1400-732	250-1400-732	250-1400-732	250-1600-732	250-1600-732	
	Weight (L:No Drain Pump)		kg	30(29)	39(38)	39(38)	40(39)	40(39)	44(43)	44(43)	
	Air Volume (Lo-Mid-Hi)		m3/min	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0	24.0 - 29.0 - 34.0	29.5 - 35.5 - 42.0	29.5 - 35.5 - 42.0	32.0 - 39.0 - 46.0	32.0 - 39.0 - 46.0	
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150							
	Sound Level (Lo-Mid-Hi) (SPL)		dB(A)	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	33 - 36 - 40	34 - 38 - 43	34 - 38 - 43	
	Sound Level (PWL)		dB(A)	58	62	62	66	66	67	67	
	Outdoor Unit	Dimensions	H*W*D	mm	880*840*330	981*1050*330 (+40)	981*1050*330 (+40)	981*1050*330 (+40)	981*1050*330 (+40)	981*1050*330 (+40)	981*1050*330 (+40)
		Weight		kg	55	76	78	84	85	84	85
Air Volume		Cooling	m3/min	50,1	79,0	79,0	86,0	86,0	86,0	86,0	
		Heating	m3/min	50,1	79,0	79,0	92,0	92,0	92,0	92,0	
Sound Level (SPL)		Cooling	dB(A)	49	51	51	54	54	55	55	
		Heating	dB(A)	51	54	54	56	56	57	57	
Sound Level (PWL)		Cooling	dB(A)	66	70	70	72	72	73	73	
		Heating	dB(A)	66	70	70	72	72	73	73	
Operating Current(Max)			A	14,8	20,0	11,5	26,5	11,5	30,0	11,5	
Breaker Size			A	20	32	16	32	16	40	16	
Ext.Piping	Diameter	Liquid/Gas	mm	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	30	30	30	40	40	40	40	
	Max.Height	Out-In	m	30	30	30	30	30	30	30	
Guaranteed Operating Range(Outdoor)	Cooling <sup>(*)3</sup>	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46		
	Heating	°C	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21		
Refrigerant/GWP			R32 / 675(*4)	R32 / 675(*4)	R32 / 675(*4)	R32 / 675(*4)	R32 / 675(*4)	R32 / 675(*4)	R32 / 675(*4)		
Pre-Charged quantity	Weight	Kg	1,45	3,10	3,10	3,60	3,60	3,60	3,60		
	CO <sub>2</sub> equivalent	t	0,98	2,09	2,09	2,43	2,43	2,43	2,43		
Max added quantity	Weight	Kg	2,37	4,10	4,10	5,00	5,00	5,00	5,00		
	CO <sub>2</sub> equivalent	t	1,60	2,77	2,77	3,38	3,38	3,38	3,38		

(\*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.

(\*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) This GWP value is based on Regulation(EU) No 517/2014 from IPCC 4th edition.