



PEAD SERIES SERIES SELECTION

<p>Indoor Unit</p> <p>PEAD-SM71/100/125/140JAL</p>	<p>Outdoor Unit</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SUZ-SA71VA3 SUZ-SA100VA2</p> </div> <div style="text-align: center;"> <p>PUHZ-SP125/140VKA PUHZ-SP100/125/140YKA</p> </div> </div>
<p>Remote Controller (Optional)</p> <div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p>PAR-40MAA Optional</p> </div> <div> <p>PAC-YT52CRA Optional</p> </div> <div> <p>PAR-FL32MA Optional</p> </div> </div>	

PEAD-SM SERIES

Type						Inverter Heat Pump				
Indoor Unit		PEAD-SM71JAL		PEAD-SM100JAL		PEAD-SM125JAL		PEAD-SM140JAL		
Outdoor Unit		SUZ-SA71VA3		SUZ-SA100VA2	PUHZ-SP100YKA	PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA	
Refrigerant		R410A ⁽¹⁾								
Power Supply		Source		Outdoor unit power supply						
		Outdoor (V / Phase / Hz)		VA - VKA:230 / Single / 50, YKA:400 / Three / 50						
Cooling	Capacity	Rated	kW		7,1	9,4	9,4	12,1	13,6	
		Min-Max	kW		3,2-8,1	5-9,9	3,7-10,6	5,6-13,0	5,8-14,1	
	Total Input	Rated	kW		2,35	3,12	3,08	4,3	5,4	
			kW		3,02	3,01	3,05	2,81	2,51	
	EER	EEL Rank				-	-	-	-	
	Design load	kW		7,1	9,4	9,4	12,1	13,6		
	Annual electricity consumption ⁽²⁾	kWh/a		477	711	712	1534	1689		
SEER	kWh/a		5,2	4,6	4,6	186,30%	190,20%			
	Energy efficiency class		A		B	B	-	-		
Heating (Average Season)	Capacity	Rated	kW		8	11,2	11,2	13,5	15	
		Min-Max	kW		3,5-8,9	5,1-11,5	2,8-12,5	4,8-15,0	4,9-15,8	
	Total Input	Rated	kW		2,21	3,1	3,02	3,84	4,39	
			kW		3,61	3,61	3,7	3,51	3,41	
	COP	EEL Rank				-	-	-	-	
	Design load	kW		6	8	8	8,5	9,4		
	Declared Capacity	at reference design temperature	kW		5,2(-10°C)	5,9(-10°C)	6,3(-10°C)	8,5(-10°C)	9,4(-10°C)	
		at bivalent temperature	kW		5,4(-7°C)	7,1(-7°C)	7,0(-7°C)	8,5(-10°C)	9,4(-10°C)	
		at operation limit temperature	kW		5,2(-10°C)	5,9(-10°C)	4,5(-15°C)	6,0(-15°C)	7,0(-15°C)	
	Back up heating capacity	kW		0,8	1,6	1,7	0	0		
Annual electricity consumption ⁽²⁾	kWh/a		2189	2927	2937	3122	3676			
SCOP	Energy efficiency class		A		A	A	149,50%	140,20%		
	Energy efficiency class		A		A	A	-	-		
Indoor Unit	Input	Rated	kW		0,17 / 0,15	0,25 / 0,23	0,25 / 0,23	0,36 / 0,34	0,36 / 0,34	0,39 / 0,37
		Operating Current(Max)	A		1,97	2,65	2,65	2,76	2,76	2,78
	Dimensions	HxWxD		mm		250-1100-732				
	Weight	kg		33	39	39	40	44		
	Air Volume (Lo-Mi2-Mi1-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	
	Sound Level (SPL) (Lo-Mi2-Mi1-Hi)	dB(A)		26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	33 - 36 - 40	34 - 38 - 43	
	Sound Level (PWL)	dB(A)		58	62	62	72	72	75	
	Dimensions	HxWxD		mm		880x840x330		981x1050x330		
	Weight	kg		52	56	78	84	85	84	85
	Air Volume	Cooling	m³/min		50,1	53,57	79	86	86	
Heating		m³/min		48,2	53,71	-	92	92		
Sound Level (SPL)	Cooling	dB(A)		55	55	51	54	56		
	Heating	dB(A)		55	55	54	56	57		
Sound Level (PWL)	dB(A)		69	69	70	72	75			
Operating Current (Max)	A		16,1	16,1	11,5	26,5	11,5	30	11,5	
Breaker Size	A		20	20	16	32	16	40	16	
Ext. Piping	Diameter	Liquid/Gas		mm		9,52 / 15,88				
	Max.Length	Out-In		m		30				
	Max.Height	Out-In		m		30				
Guaranteed Operating Range (Outdoor)	Cooling	°C		-10 ~ +46				-15 ~ +46		
	Heating	°C		-10 ~ +24				-15 ~ +24		
Refrigerant/GWP		R410A/2088 ^(*)								
Pre-Charged quantity	Weight	kg		1,80	2,20	3,30	3,80	3,80	3,80	
	CO ₂ equivalent	t		3,76	4,59	6,89	7,93	7,93	7,93	
Max added quantity	Weight	kg		2,95	3,35	3,90	4,40	4,40	4,40	
	CO ₂ equivalent	t		6,16	6,99	8,14	9,19	9,19	9,19	

⁽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 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⁾ Optional air protection guide is required where ambient temperature is lower than -5°C.