



PEAD-SM SERIES NOVITÀ SERIES SELECTION

Indoor Unit



PEAD-SM71/100/125/140JAL

Outdoor Unit



SUZ-SM71VA



PUZ-SM100/125/140VKA
PUZ-SM100/125/140YKA

Remote Controller (Optional)



PAR-40MAA
Optional



PAC-YT52CRA
Optional



PAR-FL32MA
Optional

PEAD-SM SERIES

Type		Inverter Heat Pump								
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-SM100YKA	PUZ-SM125VKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA		
Refrigerant		R32 ^(*)								
Power Supply	Source	Outdoor power 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	13,4	
		Min-Max	kW		2,2-8,1	4,0-10,6	4,0-10,6	6,0-13,0	6,1-14,1	
	Total Input	Rated	kW		2,08	2,95	2,95	4,17	4,96	
	EER				3,41	3,21	3,21	2,9	2,7	
	EEL Rank				-	-	-	-	-	
	Design load		kW		7,1	9,5	9,5	12,1	13,4	
	Annual electricity consumption (*)		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	11,2	11,2	13,5	15	
		Min-Max	kW		2,0-10,2	2,8-12,5	2,8-12,5	4,1-15,0	4,2-15,8	
	Total Input	Rated	kW		2,21	3,02	3,02	3,85	4,28	
	COP				3,61	3,7	3,7	3,5	3,5	
	EEL Rank				-	-	-	-	-	
	Design load		kW		5,8	8	8	8,5	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)	9,4 (-10°C)
			at bivalent temperature	kW		5,2 (-7°C)	7,0 (-7°C)	7,0 (-7°C)	8,5 (-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)	7,0 (-15°C)	
	Back up heating capacity		kW		0,6	2	2	0	0	
Annual electricity consumption (*)		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	
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	
	Operating Current (Max)		A		1,97	2,65	2,65	2,76	2,78	
	Dimensions	HxWxD	mm		250-1100-732	250-1400-732	250-1400-732	250-1400-732	250-1600-732	
	Weight (L-No Drain Pump)		kg		30 (29)	39 (38)	39 (38)	40 (39)	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	32,0-39,0-46,0	
	External Static Pressure		Pa		35 / 50 / 70 / 100					
	Sound Level (Lo-Mid-Hi) (SPL)		dB(A)		26-30-34	29-34-38	-	33-36-40	34-38-43	
	Sound Level (PWL)		dB(A)		58	62	-	66	67	
	Dimensions	HxWxD	mm		880x840x330	981x1050x330 (+40)				
	Outdoor Unit	Weight		kg		55	76	78	84	85
Air Volume		Cooling	m³/min		50,1	79	79	86	86	
		Heating	m³/min		50,1	79	79	92	92	
Sound Level (SPL)		Cooling	dB(A)		49	51	51	54	55	
		Heating	dB(A)		51	54	54	56	57	
Sound Level (PWL)		Cooling	dB(A)		66	70	70	72	73	
Operating Current (Max)			A		14,8	20	11,5	26,5	11,5	
Breaker Size			A		20	32	16	32	16	
Ext. Piping	Diameter	Liquid/Gas	mm		9,52 / 15,88					
	Max. Length	Out-In	m		30		40			
	Max. Height	Out-In	m		30					
Guaranteed Operating Range (Outdoor)	Cooling ⁽²⁾	°C		-15 - +46						
	Heating	°C		-15 - +21						
Refrigerant/GWP		R32/675 ^(*)								
Pre-Charged quantity	Weight	kg		1,45	3,10	3,10	3,60	3,60		
	CO ₂ equivalent	t		0,98	2,09	2,09	2,43	2,43		
Max added quantity	Weight	kg		2,37	4,10	4,10	5,00	5,00		
	CO ₂ equivalent	t		1,60	2,77	2,77	3,38	3,38		

(*) 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. 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.

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