





PLA-SM SERIES NOVITÀ SERIES SELECTION

Indoor Unit




PLA-SM71/100/125/140EA

Outdoor Unit




SUZ-SM71VA




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

Optional


PLP-6EAJ - Panel only
PLP-6EALM - Panel with signal receiver and wireless remote controller



PAR-40MAA
DELUXE



PAC-YT52CRA



PAR-SL100A*

*Enclosed with PLP-6EALM

PLA-SM SERIES

Type		Inverter Heat Pump								
Indoor Unit		PLA-SM71EA		PLA-SM100EA		PLA-SM125EA		PLA-SM140EA		
Outdoor Unit		SUZ-SM71VA		PUZ-SM100VKA		PUZ-SM125VKA		PUZ-SM140VKA		
Refrigerant		R32 ^(*)								
Power Supply		Outdoor power supply								
Source		VA - VKA:230 / Single / 50, YKA:400 / Three / 50								
Outdoor (V / Phase / Hz)										
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	5,8-13,0	5,8-14,1	
	Total Input	Rated	kW		1,97	2,79	2,79	4,17	5,13	
	EER				3,6	3,4	3,4	2,9	2,61	
	EEL Rank				-	-	-	-	-	
	Design load		kW		7,1	9,5	9,5	12,1	13,4	
	Annual electricity consumption ^(*)		kWh/a		410	554	554	-	-	
SEER				6	6	6	-	-		
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		2,28	3,1	3,1	3,73	4,54	
	COP				3,5	3,61	3,61	3,61	3,3	
	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		2066	2482	2482	-	-		
SCOP				3,9	4,5	4,5	-	-		
Energy efficiency class				A	A+	A+	-	-		
Operating Current (Max)			A		15,1	20,5	12,5	27,2	12,2	
Indoor Unit	Input (cooling/heating)	Rated	kW		0,04	0,07	0,07	0,1	0,1	
	Operating Current (Max)		A		0,27	0,46	0,46	0,66	0,66	
	Dimensions <Panel>	HxWxD	mm		258x840x840<40x950x950>			298x840x840<40x950x950>		
	Weight <Panel>		kg		21<5>		24<5>		26<5>	
	Air Volume (Lo-Mid-Hi)		m³/min		14-17-19-21		19-23-26-29		21-25-28-31	
	Sound Level (Lo-Mid-Hi) (SPL)		dB(A)		28-30-32-34		31-34-37-40		33-37-41-44	
	Sound Level (PWL)		dB(A)		56		61		65	
Outdoor Unit	Dimensions	HxWxD	mm		880x840x330			981x1050x330 (+40)		
	Weight		kg		55	56	78	84	85	
	Air Volume	Cooling	m³/min		50,1	53,57	79	86	86	
		Heating	m³/min		50,1	53,71	-	-	-	
	Sound Level (SPL)	Cooling	dB(A)		49	55	51	54	56	
		Heating	dB(A)		51	55	54	56	57	
	Sound Level (PWL)	Cooling	dB(A)		66	69	70	72	75	
		Heating	dB(A)		66	69	70	72	75	
	Operating Current (Max)		A		14,8	16,1	11,5	26,5	11,5	
	Breaker Size		A		20	20	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	°C					-15 ~ +46			
	Heating	°C		-10 ~ +24			-15 ~ +21			
Refrigerant/GWP			R32/675 ^(*)							
Pre-Charged quantity	Weight	kg		1,45	3,1	3,1	3,6	3,6		
	CO ₂ equivalent	t		0,98	2,09	2,09	2,43	2,43		
Max added quantity	Weight	kg		2,37	4,1	4,1	5	5		
	CO ₂ equivalent	t		1,6	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, 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.

^(*) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

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

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