Buyer Model	Set (Indoor / Outdoor)		Unit	VG122HD.SSEM (VG122HD.NSEM / VG122HD.U18M)		
Factory Model				S3-W12BL1AA.SC3-SW09 (S3-W09FL1AA.SC3-SW09 / S3-W12BL1AA.SC3-SW09)		
Capacity	Cooling	Min ~ Rated ~ Max	kW	0.879	3.517	4.000
			Btu/h	3,000	12,000	13,650
			kJ/h	-	-	-
	Cooling (T3)	Min ~ Rated ~ Max	kW	-	-	-
			Btu/h	-	-	-
	Heating	Min ~ Rated ~ Max	kW	0.879	3.986	4.689
			Btu/h	3,000	13,600	16,000
			kJ/h	-	-	-
	Heating -7 °C	Max	kW		-	
Power Input	Cooling	Min ~ Rated ~ Max	W	200	985	1,450
	Cooling (T3)	Min ~ Rated ~ Max	W	-	-	-
	Heating	Min ~ Rated ~ Max	W	200	1,078	1,650
Running Current	Cooling	Min ~ Rated ~ Max	A	1.10	4.40	6.20
	Cooling (T3)	Min ~ Rated ~ Max	A	-	-	-
	Heating	Min ~ Rated ~ Max	A	1.10	4.80	7.20
EER			W/W		3.57	
			(Btu/h)/W		12.18	
			(kJ/h)/W		-	
EER (T3)			W/W		-	
			(Btu/h)/W		-	
SEER			(Btu/h)/W		20.00	
COP			W/W		3.70	
			(Btu/h)/W		12.62	
			(kJ/h)/W		-	
SCOP			-		-	
P design C / P design H			kW		- / -	
Energy Label Grade		Cooling / Heating	-		- / -	
Annual Energy Consumption		Cooling / Heating	kWh/month		- / -	
Weighted EER			(Btu/h)/W		-	
			W/W		-	
Power Supply			Ø, V, Hz		1, 220, 50/60	
Available Voltage Range			V		187 ~ 276	
Power Factor		Cooling / Heating	%		97 / 96	
Moisture Removal			l/h		1.10	
Indoor	Air Flow Rate	Cooling, SH / H / M / L	m³/min		11.0 / 10.0 / 8.0 / 6.0	
		Heating, SH / H / M / L	m³/min		11.0 / 10.0 / 8.0 / 6.0	
	Sound Pressure Level	Cooling, SH / H / M / L / SL	dB(A)		- / 42 / 36 / 28 / 20	
		Heating, SH / H / M / L	dB(A)		- / 42 / 36 / 28	
	Sound Power Level		dB(A)		60	
	Dimensions (W × H × D)	Net	mm		652 × 158 × 652	
		Shipping	mm		744 × 235 × 736	
	Weight	Net	kg		16.7	
		Shipping	kg		19.4	
	Exterior Color Code		-		Cream White (Cream White)	
Outdoor	Air Flow Rate	Max	m³/min		35.0	
	Fan Motor Speed	Cooling, Min ~ Max	rpm		200 ~ 840	
		Heating, Min ~ Max	rpm		400 ~ 800	
	Sound Pressure Level	Cooling, Rated	dB(A)		50	
		Heating, Rated	dB(A)		53	
	Sound Power Level		dB(A)		62	
	Dimensions (W × H × D)	Net	mm		770 × 545 × 288	
		Shipping	mm		920 × 593 × 388	
	Weight	Net	kg		29.5	
		Shipping	kg		31.5	
	Max. Fuse Size		A		20	
	Exterior Color Code		-		Munsell 9.54Y 8.34/1.31 (RAL 9001)	
	Operation Range	Cooling	°C DB		-15 ~ 48	
		Heating	°C DB		-15 ~ 24	
		Heating	°C WB		-15 ~ 18	
Circuit Breaker			A		15	
Power Supply Cable			No. × mm²		3 × 1	
Power Supply to Unit			-		Outdoor	
Power and Communication Cable			No. × mm²		4 × 0.75	
Piping	Size	Liquid	mm		ø 6.35	
		Gas	mm		ø 9.52	
	Connections Method	Indoor / Outdoor	-		Flared / Flared	
Drain Hose Size		O.D, I.D	mm		21.5, 16	
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m		3 / 7.5 / 20	
		No Charge	m		10.0	
	Max. Elevation Difference		m		10	
	Piping Connection Heat Insulation		-		Both liquid and gas pipes	
Refrigerant		Type	-		R32	
		Pre Charge	kg		0.800	
		Additional Charge	g/m		20	
		Control	-		Electronic Expansion Valve	
		Global Warming Potential	-		675	
		t-CO_2 eq	-		0.540	
Defrost Method			-		Reverse Cycle	
Tool Code (Chassis)		Indoor / Outdoor	-		SF / UL2	
Compressor	Type		-		Twin Rotary	
	Model		-		DST128MCA	
	Motor Type		-		BLDC	
	Oil Type / Maker		-		PVE (FW68D) / IDEMITSU	
	Oil Charge		cc		330	
	O.L.P. Name		-		-	
	Manufacturer / Country of Origin		-		LG Electronics / China	
Fan(Indoor)	Type		-		Turbo Fan	
	Motor Output		W		36	
Fan(Outdoor)	Type		-		Propeller Fan	
	Motor Type		-		BLDC	
	Motor Output		W		43	
	Motor Insulation		-		Class E	
	Motor Enclosure / Ingress Protection		-		TEAO / IPX4	
Heat Exchanger	Evaporator	Material, Tube / Fin	-		Cu / Al	
		(ø x Row x Column x FPI x L) x Qty.	#1		(ø7 x 2 x 21 x 21 x 441) x 1	
		(ø x Row x Column x FPI x L) x Qty.	#2		-	
		(ø x Row x Column x FPI x L) x Qty.	#3		-	
		(ø x Row x Column x FPI x L) x Qty.	#4		-	
		Corrosion Protection	-		PCM	
		Fin Type	-		Slit	
	Condenser	Material, Tube / Fin	-		Cu / Al	
		(ø x Row x Column x FPI x L) x Qty.	#1		(ø7 x 2 x 24 x 18 x 814) x 1	
		(ø x Row x Column x FPI x L) x Qty.	#2		-	
		Corrosion Protection	-		Gold	
		Fin Type	-		Corrugate	

Note

- – : No Relation
- All power supply and communication cables and circuit breaker must comply with applicable local and national codes.
- Exterior color code is approximate value.
- It is difficult to measure air flow rate of sleep because of small values.
- Maximum heating capacity is for heating operation without any frost.
- Fan motor speed could vary ±20 rpm according to the operating conditions.
- It may cause reliability, performance, noise, and vibration problem, unless meeting the range of connecting pipe length. Keep the minimum piping length by making loops, although indoor unit and outdoor unit are close.
- This product contains fluorinated greenhouse gases.
- Some specifications may be changed without notifications due to our policy of innovation.

- Test conditions are based on ISO 5151.
- Test conditions are based on AS/NZS 3823.1.
- Test conditions are based on SASO 2663:2021.
- Test conditions are based on EN 14511 and EN 14825.
- Test conditions are based on AHRI 210/240.

ppsa.com.mx