

Specifications

Buyer Model	Set (Indoor / Outdoor)		Unit	WH18SL-23.AT6GLAP (WH18SLN-23.AK6GLAP/WH18SLU-23.AT6GLAP)		
Factory Model				S3-W18L43ZA.AT6GLAP (S3NW18L43ZA.AK6GLAP/S3UW18L43ZA.AT6GLAP)		
Capacity	Cooling	Min - Rated - Max	kW	1,000	5,000	6,000
			Btu/h	3,412	17,060	20,472
			kJ/h	-	-	-
	Cooling (T3)	Min - Rated - Max	kW	-	-	-
			Btu/h	-	-	-
			kJ/h	-	-	-
Heating	Min - Rated - Max	kW	1,000	6,000	9,000	
		Btu/h	3,412	20,472	30,708	
		kJ/h	-	-	-	
Heating -7 °C	Max		kW	-	-	
Power Input	Cooling	Min - Rated - Max	W	170	1,140	2,750
			W	-	-	-
			W	200	1,310	3,050
Running Current	Cooling	Min - Rated - Max	A	1.20	5.10	11.60
			A	-	-	-
			A	1.40	5.90	12.70
EER			W/W	-	4.39	-
			(Btu/h)/W	-	14.97	-
			(kJ/h)/W	-	-	-
EER (T3)			W/W	-	-	-
			(Btu/h)/W	-	-	-
			(kJ/h)/W	-	-	-
AEER			-	-	4.38	-
			W/W	-	4.58	-
			(Btu/h)/W	-	15.63	-
COP			-	-	-	-
			W/W	-	4.58	-
			(Btu/h)/W	-	15.63	-
ACOP			-	-	4.57	-
			W/W	-	-	-
			(Btu/h)/W	-	-	-
P design C / P design H			kW	-	-	
Energy Label Grade	Cooling / Heating			-	5.0,4.5,5.0 / 3.0,3.0,2.5	
Annual Energy Consumption	Cooling / Heating		kWh/year	-	1006/338/214 / 107/726/1930	
Weighted ERR			(Btu/h)/W	-	-	
Power Supply			W	-	-	
Available Voltage Range			Ø, V, Hz	1, 220-240, 50	-	
Power Factor	Cooling / Heating		%	187 - 276	98.9 / 98.9	
Moisture Removal			l/h	-	1.90	
Indoor	Air Flow Rate	Cooling, SH / H / M / L	m³/min	23.0 / 17.0 / 14.0 / 11.0	-	
		Heating, SH / H / M / L	m³/min	26.0 / 20.0 / 17.0 / 14.0	-	
	Sound Pressure Level	Cooling, SH / H / M / L / SL	dB(A)	- / 49 / 44 / 40 / 30	-	
		Heating, SH / H / M / L	dB(A)	- / 49 / 44 / 40	-	
	Sound Power Level		dB(A)	-	-	
	Dimensions (W x H x D)	Net	mm	1060 x 360 x 265	-	
		Shipping	mm	1140 x 455 x 357	-	
	Weight	Net	kg	16.6	-	
		Shipping	kg	20.2	-	
Exterior Color Code				Munsell 7.5BG 10/2 (RAL 9016)		
Outdoor	Air Flow Rate	Max	m³/min	55.0	-	
	Fan Motor Speed	Cooling, Min - Max	rpm	190 - 700	-	
		Heating, Min - Max	rpm	190 - 700	-	
	Sound Pressure Level	Cooling, Rated	dB(A)	55	-	
		Heating, Rated	dB(A)	56	-	
	Sound Power Level		dB(A)	58	-	
	Dimensions (W x H x D)	Net	mm	950 x 832 x 330	-	
		Shipping	mm	1140 x 918 x 461	-	
Weight	Net	kg	59.400	-		
	Shipping	kg	66.800	-		
Max. Fuse Size		A	25,000	-		
Exterior Color Code				Munsell 9.54Y 8.34/1.31 (RAL 9001)		
Operation Range	Cooling	°C DB	-10 - 48	-		
	Heating	°C DB	-15 - 24	-		
	Heating	°C WB	-15 - 18	-		
Circuit Breaker		A	20	-		
Power Supply Cable		No. x mm²	3 x 2.5	-		
Power Supply to Unit			Outdoor	-		
Power and Communication Cable		No. x mm²	4 x 1	-		
Piping	Size	Liquid	mm	ø 9.52	-	
		Gas	mm	ø 15.88	-	
Connections Method	Indoor / Outdoor			Flared / Flared		
Drain Hose Size	O.D, I.D	mm	20, 15	-		
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3 / 7.5 / 30	-	
		No Charge	m	7.5	-	
	Max. Elevation Difference		m	20	-	
Piping Connection Heat Insulation				Both liquid and gas pipes		
Refrigerant	Type		kg	R32	-	
	Pre Charge		kg	1.850	-	
	Additional Charge		g/m	20	-	
	Control			Electronic Expansion Valve	-	
	Global Warning Potential			675	-	
t-CO <sub>2</sub> eq				1.249		
Defrost Method				Reverse Cycle		
Tool Code (Chassis)	Indoor / Outdoor			SL / U4		
Compressor	Type			Twin Rotary		
	Model			DJT240MAB		
	Motor Type			BLDC		
	Oil Type / Maker			PVE (FW68D) / IDEMITSU		
	Oil Charge		cc	900		
	O.L.P. Name			-		
Manufacturer / Country of Origin				LG Electronics / Korea		
Fan(Indoor)	Type			Cross Flow Fan		
	Motor Output	W		60		
Fan(Outdoor)	Type			Propeller Fan		
	Motor Type			BLDC		
	Motor Output	W		124		
	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	(ø 7 x 3 x 18 x 21 x 781) x 1		
			#2	-		
			#3	-		
			#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		(ø 7 x 2 x 38 x 17 x 950) x 1	
			#2		-	
Corrosion Protection				Gold		
Fin Type				Corrugate		