

# 1. Specifications

Type				Cassette			
				Inverter heat pump			
Model name				AUYG18LVLB	AUYG24LVLA		
Power supply				230 V ~ 50 Hz			
Available voltage range				198—264 V			
Capacity	Cooling	Rated	kW	5.20	6.80		
		Min.—Max.	Btu/h	17,700	23,200		
			kW	0.90 - 5.90	0.90 - 8.00		
	Heating	Min.—Max.	Btu/h	3,100 - 20,100	3,100 - 27,300		
			kW	6.00	8.00		
		Rated	Btu/h	20,500	27,300		
Input power	Cooling	Rated	kW	1.62	2.21		
				Max.	2.04	2.85	
		Heating		Rated	1.66	2.26	
	Max.			2.83	3.19		
				Rated	7.2	9.7	
	Current	Heating		Rated	A	7.4	9.9
Power factor		Cooling	%	97.8	99.1		
	Heating	97.5		99.3			
EER	Cooling	kW/kW	3.21	3.08			
COP	Heating		3.61	3.54			
Moisture removal			L/h (pints/h)	2.2 ( 3.9 )	2.7 ( 4.8 )		
Maximum operating current *1			A	11.5	14.7		
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	13.5	15.7		
				Heating	680	930	
					HIGH	580	830
					MED	490	600
		LOW			410	450	
		Heating		HIGH	800	930	
				MED	680	860	
				LOW	580	700	
	QUIET		450	530			
	Type × Q'ty			Turbo × 1			
Motor output			W				
Sound pressure level *2	Cooling	HIGH	dB (A)	38	49		
				MED	34	44	
				LOW	30	36	
				QUIET	26	30	
	Heating	HIGH		43	49		
				MED	38	45	
				LOW	34	40	
				QUIET	30	33	
Sound power level	Cooling	HIGH	dB (A)	50	59		
	Heating			55	61		
Heat exchanger type	Dimensions (H × W × D)		mm	210 × 1,310 × 13.3	210 × 1,360 × 13.3		
				210 × 1,250 × 13.3	210 × 1,295 × 13.3		
	Fin pitch			1.2	1.45		
	Rows × Stages			2 × 10	3 × 10		
	Pipe type			Copper tube			
Fin type			Aluminum				
Dimensions (H × W × D)	Net	mm	245 × 570 × 570				
	Gross		265 × 730 × 625				
Weight	Net	kg	15	16			
	Gross		18	19			
Connection pipe	Size	Liquid	Ø 6.35 (Ø 1 / 4 in.)				
		Gas	Ø 12.70 (Ø 1/2 in.)				
	Method		Ø 15.88 (Ø 5/8 in.)				
Operation range	Cooling	%RH	Flare				
			18 to 32	80 or less			
	Heating	°C	16 to 30				
Cassette grille (Option)	Material		Hi-PS				
	Color		White Approximate color of Munsell N 9.25 /				
	Dimensions (H × W × D)	Net	mm	49 × 700 × 700			
		Gross		120 × 765 × 755			
	Weight	Net	kg	2.6			
		Gross		4.5			
Remote controller		Wireless [Wired (option)]					
Drain hose	Material		PVC				
	Size		mm				
		VP25 [Ø25(I.D.), Ø32(O.D.)]					

**NOTES:**

- Specifications are based on the following conditions:
  - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
  - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
  - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- \*1: Maximum current:
  - The maximum value when operated within the operation range.
  - The total current of indoor unit and outdoor unit.
- \*2: Sound pressure level:
  - Measured values in manufacturer's anechoic chamber.
  - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

Model name		AUYG18LVLB	AUYG24LVLA
Energy efficiency class	Cooling	A <sup>++</sup>	A <sup>+</sup>
	Heating (Average)	A <sup>+</sup>	A
Pdesign	Cooling	5.2 (35°C)	6.8 (35°C)
	Heating (Average)	5.2 (-10°C)	6.0 (-10°C)
SEER	Cooling	6.20	5.60
SCOP	Heating (Average)	4.20	3.90
Annual energy consumption	QCE	293	425
	QHE (Average)	1,732	2,151