

Type				Ceiling	
				Inverter heat pump	
Model name				ABYG24KRTA	ABYG30KRTA
Power supply				230 V ~ 50 Hz	
Power supply intake				Outdoor unit	
Available voltage range				198—264 V	
Capacity	Cooling	Rated	kW	6.8	8.5
			Btu/h	23,200	29,000
		Min.—Max.	kW	0.9—8.0	2.8—10.0
	Heating	Rated	Btu/h	3,100—27,300	9,600—34,100
			kW	7.5	10.0
		Min.—Max.	Btu/h	25,600	34,100
Input power	Cooling	Rated	kW	2.14	2.65
			Btu/h	2.92	4.14
		Max.	kW	1.97	2.77
	Heating	Rated	Btu/h	2.59	4.38
			kW	0.9—9.1	2.7—11.2
		Min.—Max.	Btu/h	3,100—31,000	9,200—38,200
Current	Cooling	Rated	A	9.5	11.7
	Heating		A	8.7	12.2
EER	Cooling	kW/kW		3.18	3.21
COP	Heating	kW/kW		3.81	3.61
Power factor	Cooling	%		98.3	98.5
	Heating	%		98.4	98.8
Moisture removal			L/h (pints/h)	2.2 (3.9)	3.0 (5.3)
Maximum operating current *1		Cooling	A	13.6	22.6
		Heating	A	13.6	22.6
Fan	Airflow rate	Cooling	HIGH	1,230	1,400
			MED	990	1,120
			LOW	860	980
			QUIET	700	800
		Heating	HIGH	1,230	1,400
			MED	990	1,120
			LOW	860	980
			QUIET	700	800
	Type × Q'ty		Sirocco × 3		
	Motor output		W		80
Sound pressure level *2		Cooling	HIGH	41	45
			MED	36	40
			LOW	32	35
			QUIET	29	32
		Heating	HIGH	41	45
			MED	36	40
			LOW	32	35
			QUIET	29	32
Heat exchanger type		Dimensions (H × W × D)	mm	294 × 1,025 × 39.9	
		Fin pitch	mm	1.30	
		Rows × Stages		3 × 14	
		Pipe type		Copper	
		Fin type		Aluminum	
Enclosure	Material		Steel sheet		
	Color		White Approximate color of Munsell N9.25/		
Dimensions (H × W × D)	Net	mm	235 × 1,390 × 705		
	Gross		330 × 1,475 × 825		
Weight	Net	kg	31		
	Gross		41		
Connection pipe	Size	Liquid	Ø6.35 (Ø1/4)	Ø9.52 (Ø3/8)	
		Gas	Ø12.70 (Ø1/2)	Ø15.88 (Ø5/8)	
	Method	Flare			
Drain hose	Material		PVC		
	Tip diameter		mm		
Operation range	Cooling	°C	18 to 32		
		%RH	80 or less		
	Heating	°C	16 to 30		
Remote controller (Option)				Wired remote controller, Wireless remote controller, Mobile app*3 (FGLair™)	

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 is maximum value when operated within the operation range.
- *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.
- *3: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual.

Specifications for ErP Lot10				
Model name			ABYG24KRTA	ABYG30KRTA
Energy efficiency class	Cooling		A ⁺⁺	A ⁺⁺
	Heating (Average)		A ⁺	A ⁺
Pdesign	Cooling	kW	6.8 (35°C)	8.5 (35°C)
	Heating (Average)		6.0 (-10°C)	8.0 (-10°C)
SEER	Cooling		6.2	6.1
SCOP	Heating (Average)		4.1	4.0
Annual energy consumption	QCE		384	486
	QHE (Average)		2,042	2,796
Sound power level	Cooling	HIGH	dB (A)	56
	Heating			56