

Type				Ceiling		
				Inverter heat pump		
Model name				ABYG36KRTA	ABYG45KRTA	
Power supply				230 V ~ 50 Hz		
Power supply intake				Outdoor unit		
Available voltage range				198—264 V		
Capacity	Cooling	Rated	kW	9.5	12.1	
			Btu/h	32,400	41,300	
		Min.—Max.	kW	2.8—11.2	4.0—13.5	
	Heating	Rated	Btu/h	9,600—38,200	13,600—46,000	
			kW	10.8	13.5	
		Min.—Max.	Btu/h	36,900	46,000	
Input power	Cooling	Rated	kW	2.96	4.22	
			Max.	4.52	4.79	
		Heating	Rated	kW	2.88	3.84
	Max.			4.31	4.81	
	Current		Cooling	Rated	A	13.1
		Heating			12.7	16.9
EER	Cooling	kW/kW		3.21	2.87	
COP	Heating	kW/kW		3.75	3.52	
Power factor	Cooling	%		98.9	99.0	
	Heating	%		98.8	98.9	
Moisture removal			L/h (pints/h)	2.6 (4.6)	4.5 (7.9)	
Maximum operating current *1		Cooling	A	22.6	28.5	
		Heating	A	22.6	28.5	
Fan	Airflow rate	Cooling	HIGH	1,850	1,900	
			MED	1,470	1,510	
			LOW	1,300	1,380	
			QUIET	1,050	1,130	
		Heating	HIGH	1,800	1,850	
			MED	1,470	1,510	
			LOW	1,300	1,380	
			QUIET	1,050	1,130	
	Type × Q'ty		Sirocco × 4			
	Motor output		W			
		110				
Sound pressure level *2		Cooling	HIGH	44	45	
			MED	40	41	
			LOW	37	39	
			QUIET	32	34	
		Heating	HIGH	44	45	
			MED	40	41	
			LOW	37	39	
			QUIET	32	34	
Heat exchanger type		Dimensions (H × W × D)		mm		
		Fin pitch		mm		
		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		
		Gross		mm		
Weight		Net		kg		
		Gross		kg		
Connection pipe		Size	Liquid	mm (in)		
			Gas	mm (in)		
Method		Flare				
Material		PVC				
Tip diameter		mm				
		mm				
Operation range		Cooling	°C	18 to 32		
			%RH	80 or less		
		Heating	°C	16 to 30		
			°C			
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			ABYG36KRTA		
Energy efficiency class	Cooling		A++		
	Heating (Average)		A+		
Pdesign	Cooling	kW	9.5 (35°C)		
	Heating (Average)		8.7 (-10°C)		
SEER	Cooling	kWh/kWh	6.37		
SCOP	Heating (Average)		4.21		
Annual energy consumption	QCE		kWh/a	524	
	QHE (Average)			2,904	
Sound power level	Cooling	HIGH	dB (A)	59	
	Heating			59	