

1. Specifications

Type				Ceiling	
				Inverter heat pump	
Model name				ABEG18KRTA	ABEG22KRTA
Power supply				230 V ~ 50 Hz	
Power supply intake				Outdoor unit	
Available voltage range				198—264 V	
Capacity	Cooling	Rated	kW	5.2	6.0
			Btu/h	17,700	20,500
		Min.—Max.	kW	0.9—5.9	0.9—6.7
		Btu/h	3,100—20,100	3,100—22,900	
	Heating	Rated	kW	6.0	7.0
			Btu/h	20,500	23,900
Min.—Max.		kW	0.9—7.5	0.9—8.0	
		Btu/h	3,100—25,600	3,100—27,300	
Input power	Cooling	Rated	kW	1.55	1.87
		Max.		2.32	2.44
	Heating	Rated		1.62	1.95
		Max.		2.41	2.60
Current	Cooling	Rated	A	6.9	8.3
	Heating		7.2	8.6	
EER	Cooling		kW/kW	3.35	3.21
COP	Heating			3.70	3.59
Power factor	Cooling	Rated	%	97.6	98.1
	Heating		97.9	98.5	
Moisture removal			L/h (pints/h)	2.0 (3.5)	2.5 (4.4)
Maximum operating current *1		Cooling	A	12.1	12.6
		Heating		12.1	12.6
Fan	Airflow rate	Cooling	HIGH	840	900
			MED	790	790
			LOW	710	710
			QUIET	650	650
		Heating	HIGH	840	900
			MED	790	790
			LOW	710	710
			QUIET	650	650
	Type × Q'ty		Sirocco × 2		
	Motor output		W	50	
Sound pressure level *2	Cooling	HIGH	dB (A)	38	42
		MED		36	37
		LOW		33	34
		QUIET		31	31
	Heating	HIGH		38	42
		MED		36	37
		LOW		33	34
		QUIET		31	31
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 715 × 39.9	
	Fin pitch		mm	1.30	
	Rows × Stages			3 × 14	
	Pipe type			Copper	
	Fin type			Aluminum	
				Steel sheet	
Enclosure	Material			White	
	Color			Approximate color of Munsell N9.25/	
Dimensions (H × W × D)	Net		mm	235 × 1,080 × 705	
	Gross			330 × 1,165 × 825	
Weight	Net		kg	24	
	Gross			33	
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)	
		Gas		Ø12.70 (Ø1/2)	
Drain hose	Method			Flare	
	Material			PVC	
Operation range	Tip diameter		mm	Ø25 (I.D.), Ø32 (O.D.)	
	Cooling		°C	18 to 32	
			%RH	80 or less	
Remote controller (Option)	Heating		°C	16 to 30	
				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.
- This data is based on EN 14511 standard.

Specifications for ErP Lot10						
Model name				ABEG18KRTA		ABEG22KRTA
Energy efficiency class	Cooling			A ⁺⁺		A ⁺⁺
	Heating (Average)			A ⁺		A ⁺
Pdesign	Cooling	kW		5.2 (35°C)	6.0 (35°C)	
	Heating (Average)			4.4 (-10°C)	4.8 (-10°C)	
SEER	Cooling	kWh/kWh		6.2	6.1	
SCOP	Heating (Average)			4.1	4.0	
Annual energy consumption	QCE	kWh/a		293	344	
	QHE (Average)			1,501	1,677	
Sound power level	Cooling	HIGH	dB (A)	53	57	
	Heating			53	57	