

### 3. SPECIFICATIONS

Type				CEILING MODEL		
				INVERTER HEATPUMP		
Model name				AB*G30LRTE	AB*G36LRTE	
Power source				230V~ 50Hz		
Available voltage range				198-264V~ 50Hz		
Capacity	Cooling	Rated	kW	8.50	9.40	
			Btu/h	29000	32100	
		Min.-Max.	kW	2.80 -10.00	2.80 -11.20	
	Heating	Rated	Btu/h	9500 -34100	9500 -38200	
			kW	10.00	11.20	
			Btu/h	34100	38200	
Min.-Max.		kW	2.70 -11.20	2.70 -12.70		
		Btu/h	9200 -38200	9200 -43300		
Input power	Cooling	Rated	kW	2.65	2.93	
		Max.		3.88	4.22	
	Heating	Rated		2.77	3.02	
		Max.		3.88	4.56	
Current	Cooling	Rated	A	11.6	12.8	
	Heating	Rated		12.2	13.2	
EER	Cooling		kW/kW	3.21	3.21	
COP	Heating			3.61	3.71	
Moisture removal			l/h (pints/h)	2.5(5.3)	3.0 (6.3)	
Maximum operating current *		Cooling	Max.	A	17.0	18.5
		Heating			17.0	20.0
Fan	Airflow rate	Cooling	High	m <sup>3</sup> /h	1660	1900
			Med		1500	
			Low		1200	
			Quiet		1000	
		Heating	High		1660	1900
			Med		1500	
			Low		1200	
			Quiet		1000	
	Type × Q'ty		Sirocco × 4			
	Motor output		W	120		
Sound pressure level		Cooling	High	dB(A)	45	47
			Med		43	
			Low		37	
			Quiet		32	
		Heating	High		45	47
			Med		43	
			Low		37	
			Quiet		32	
Heat exchanger type		Dimensions (H × W × D)		mm	252 × 1350 × 39.9	
		Fin pitch			1.45	
		Rows x Stages			3 × 12	
		Pipe type			Copper	
		Fin type			Aluminium	
Enclosure		Material		ABS		
		Colour		WHITE Approximate colour of MUNSELL N 9.25 /		
Dimensions (H×W×D)		Net		mm	240 × 1660 × 700	
		Gross			318 × 1800 × 790	
Weight		Net		kg	46	
		Gross			58	
Connection pipe		Size	Liquid	mm	Ø 9.52 (Ø 3 / 8 in.)	
			Gas		Ø15.88 (Ø 5 / 8 in.)	
		Method			Flare	
Operation range		Cooling		°C	18 to 32	
				%RH	80 or less	
		Heating		°C	16 to 30	
Remote controller type				Wireless		
Drain port		Material		ABS		
		Size		mm		
				Ø 22.0 (I.D.), Ø25.6 (O.D.)		

Note :  
 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.(Outdoor unit - Indoor unit)  
 The protective function might work when using outside the operation range.  
 \*The maximum current is the maximum value when operated with in the operation range.  
 Drain hose should be field supplied.

Model name		AB*G30LRTE		AB*G36LRTE			
Energy efficiency class	Cooling			A++	A+		
	Heating (Average)			A+	A+		
Pdesign	Cooling	kW			8.5	9.4	
	Heating (Average)				8.0	8.7	
SEER	Cooling	kWh/kWh			6.10	6.00	
SCOP	Heating (Average)				4.20	4.10	
Annual energy consumption	QCE	kWh/a			487	548	
	QHE (Average)				2662	2965	
Sound power level	Cooling	High	dB (A)			57	60
	Heating					60	61