

3. SPECIFICATIONS

Type				DUCTED MODEL		
				INVERTER HEATPUMP		
Model name				AR*G30LMLE	AR*G36LMLE	
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	
		Min-Max	kW	2.70 -11.20	2.70 -12.70	
Input power	Cooling	Rated	kW	2.65	2.96	
				Max.	3.88	4.22
	Heating	Rated		2.68	3.10	
		Max.		3.88	4.56	
Current	Cooling	Rated	A	11.6	13.0	
	Heating	Rated		11.7	13.6	
EER		Cooling	kW/kW	3.21	3.18	
COP		Heating		3.73	3.61	
Moisture removal			l/h (pints/h)	2.5(5.3)	3.0 (6.3)	
Maximum operating current *		Cooling	A	17.0	18.5	
		Heating		17.0	20.0	
Fan	Airflow rate	Cooling	m³/h	High	1900	
				Med	1620	
				Low	1270	
		Heating		High	980	
				Med	2100	
				Low	1620	
	Type × Q'ty		Sirocco × 2			
	Motor output		W	197		
Recommended static pressure			Pa	30 to 150		
Sound pressure level		Cooling	dB(A)	High	39	
				Med	35	
				Low	30	
				Quiet	26	
		Heating		High	42	
				Med	35	
				Low	30	
				Quiet	26	
Heat exchanger type		Dimensions (H × W × D)	mm	294 × 1000 × 39.9		
		Fin pitch		1.40		
		Rows x Stages		3 × 14		
		Pipe type		Copper		
		Fin type		Aluminium		
Enclosure		Material	Steel			
		Colour	-			
Dimensions (H×W ×D)		Net	mm	270 × 1135 × 700		
		Gross		300 × 1320 × 790		
Weight		Net	kg	40		
		Gross		47		
Connection pipe		Size	Liquid	Ø 9.52 (Ø 3/8 in.)		
			Gas	Ø 15.88 (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				Wired		
Drain port		Material	Steel			
		Size	mm	Ø35.7 (I.D.), Ø38.1 (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.
 Standard static pressure : 47 Pa
 Pipe length : 5 m, Height difference : 0 m.(Outdoor unit - Indoor unit)
 Sound pressure level : Install a 2m duct to the outlet port and a 1m duct to the suction port and measure.
 The protective function might work when using outside the operation range.
 *: The maximum current is the maximum value when operated within the operation range.

Model name		AR*G30LMLE		AR*G36LMLE		
Energy efficiency class	Cooling			A+		
	Heating (Average)			A		
Pdesign	Cooling	kW	8.5 (35°C)		9.4 (35°C)	
	Heating (Average)		8.0 (-10°C)		8.7 (-10°C)	
SEER	Cooling	kWh/kWh	5.90		5.70	
SCOP	Heating (Average)		3.90		3.80	
Annual energy consumption	QCE	kWh/a	504		576	
	QHE (Average)		2868		3202	
Sound power level	Cooling	High	dB (A)	65		
	Heating			70		