

Model		SGP-E240K1GU2	
		SGP-E240K1GU2W	
External dimensions (mm)			
Height	2,253		
Width	1,735		
Depth	1,000		
Weight (kg)	940		
Performance (kW)			
Cooling capacity	71.0		
Heating capacity	80.0		
Heating capacity (low temperature)	75.0		
Water heating capacity(Cooling only)	28.0		
Power supply	220 ~ 240V		
Electrical characteristics 50Hz			
Cooling (230V)	Operating current(A)	7.3	
	Power consumption (kW)	1.6	
	Power factor (%)	95	
Heating (230V)	Operating current(A)	7.7	
	Power consumption (kW)	1.7	
	Power factor (%)	95	
Start up current (A)	30		
Fuel consumption (kW) G			
Cooling	54.5		
Heating (standard)	58.6		
Heating (low temperature)	58.6		
Compressor			
Cooling oil volume (L)	4.0(HP-9)		
Crank case heater (W)	30		

  

Engine			
Displacement(L)		2.488	
Rated output(kW)		18.75	
Lubricating oil	Type	Sanyo Genuine AP D-125	
	Quantity (L)	50	
Starter motor		DC12V×2.2kW	
Starter type		AC/DC conversion type DC starter	
Engine cooling water			
Quantity(L)		27	
Concentration, freezing temperature		50V/V%, -35°C	
Cooling water pump rated output(W)		0.16	
Refrigerant×Quantity(kg)		HFC[R410]×20	
Air intake		Front and rear	
Air outlet		Top	
Piping			
Refrigerant gas tube		φ 31.75(brazed)	
Refrigerant liquid tube		φ 19.05(brazed)	
Fuel gas port		R3/4(male screw)	
Hot water intake port		Rp 3/4(female screw)	
Exhaust gas drain port diameter(mm)		27 rubber hose	
Operating noise dB(A)		60	
Blower			
Blower type		Propeller fan×2	
Rated air volume (m <sup>3</sup> /min)		380	
Rated output (kW)		0.70×2	
Heater for drain filter (W)		48	
Heater for cooling water			
Cooling water heater(W)		250	
Paint color (Munsell code)		Silky shade (1Y8.5/0.5)	

### Notes

1. The cooling capacity and heating capacity described in the tables are the values when the unit operates under the test condition of JIS B 8627

Operating condition	Cooling	Heating(standard)	Heating(low temperature)
Indoor air intake temperature	27°CDB, 19°CWB	20°CDB	Less than 20°CDB, 15°CWB
Outdoor air intake temperature	35°CDB	7°CDB, 6°CWB	2°CDB, 1°CWB

- The value of cooling power consumption indicates the electrical power consumed during cooling overload operation when Indoor air intake temperature is 32°CDB/23°CWB, and Outdoor air intake temperature is 43°CDB.
- The operating noise was measured at the position of 1.5 meter from the ground and 1 meter from the front of the unit. However, in an actual installation there are various additional conditions, and normally the noise level is higher than the indicated value.
- Under fuel consumption, G indicates 100% propane, or Natural gas.(H, L, E).
- The values shown in the table are for 50Hz.
- The specification is subject to change without notice, due to improvements etc.