

COOKER HOOD MOTOR

Brushless DC | High efficiency | 120-250W

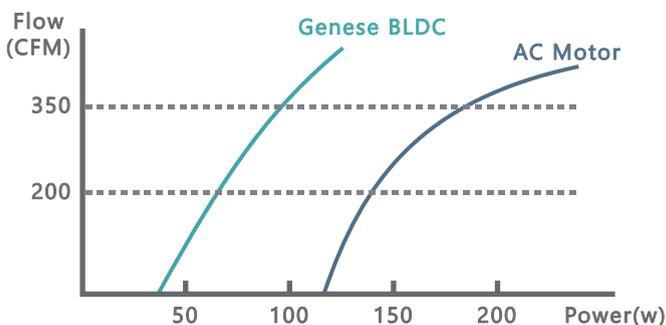


310VDC High-Voltage-Driven

Genese's motors are controlled with 310VDC. As compared with ordinary 24V or 48V DC motors, Genese's motors are 10-15% more efficient and do not need additional DC-DC adapters, which usually take extra spaces and costs. Making Genese solutions compact and saving.

Superior Energy-Saving

Genese's solutions can save 50-60% of energy as compared with AC motors at same air flow level.



Behavior-oriented Control

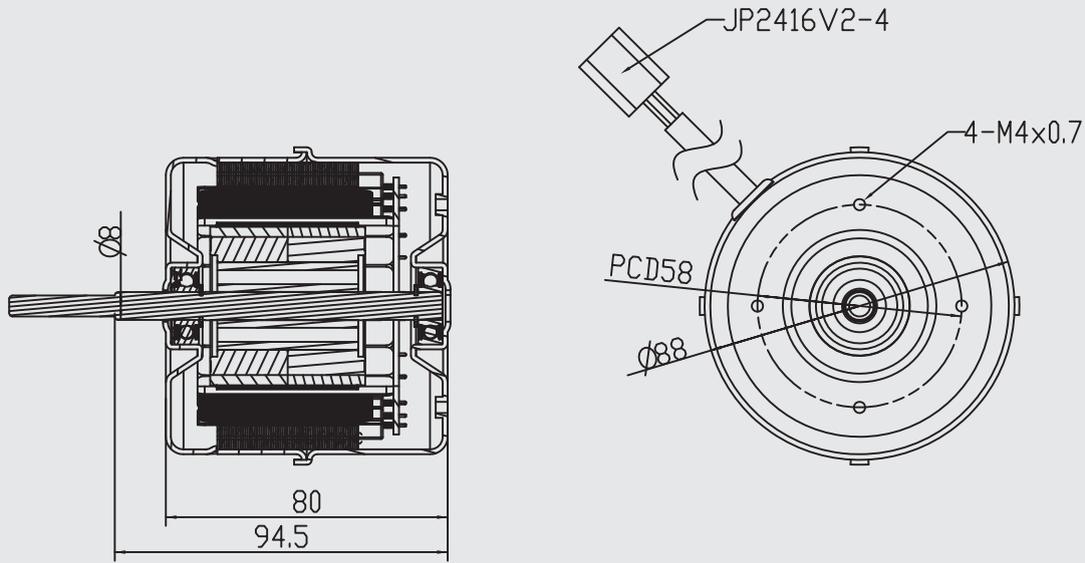
Genese's brushless DC motors are specially designed according to cooker hood users' behavior and energy performance. With 3 different control methods, Genese's motors can be flexibly programmed as constant duty, constant fan rotation or constant power based on preferred functionality.



In-house Engineering Controller & Power

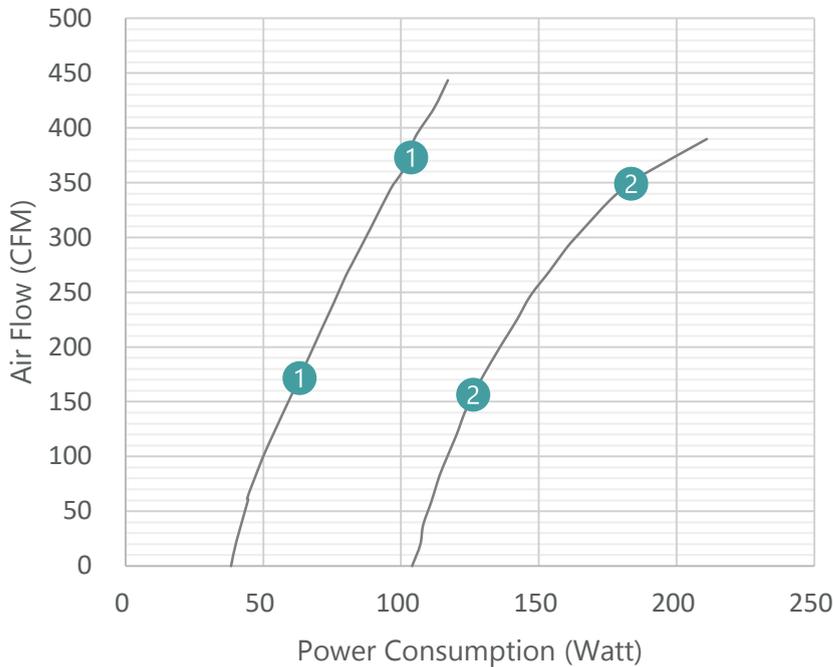
Genese owns in-house engineering teams of motor, controller and programs. Thus we're able to develop and provide total motor solutions including controller and power modules for our customers with high flexibility of module size and advanced adjustments. Integrated power modules for all system functionalities are available.

TECHNICAL SPECIFICATION



Motor	Input VAC	Control VDC	Power W	Efficiency %	Max. Torque N-m	Type	Phase	Bearing
DUL082040-120	220VAC	310VDC	120	78.25	0.34	Sensorless	3	Ball bearing
DUL082040-200	220VAC	310VDC	200	86.22	0.61	Sensorless	3	Ball bearing
DUL082040-240	220VAC	310VDC	240	80.3	0.549	Sensorless	3	Ball bearing

For reference only, motor specification should be adjusted based on provided loading.



	Watt	CFM
1	61.9	164.99
	102.2	367.62
2	126	155.43
	190	350

Platform: Plastic blower GEP-700

- ① Genese DUL082040-120
- ② Other AC induction motor

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