

# Large Vertical Graphite Vacuum Graphitization Furnace

Item Number: GF-08



## Introduction

A large vertical high-temperature graphitization furnace is a type of industrial furnace used for the graphitization of carbon materials, such as carbon fiber and carbon black. It is a high-temperature furnace that can reach temperatures of up to 3100°C.

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Product model specifications	GF-08-Φ80X140	GF-08-Φ90X160	GF-08-Φ100X200	GF-08-Φ120X200
Volume(L)	703	1000	1500	2260
Rated temperature(C)	2800	2800	2600	2600
Limit temperature(C)	3100	3100	2800	2800
Effective heating area (mm)	Φ800×1400	Φ900×1600	Φ1000×2000	Φ1200×2000
Power(KW)	500	600	800	1200
Frequency(HZ)	1000	1000	1000	1000
Discharging method	Upper discharge/lower discharge			
Temperature control method	Japan Shima Electric Thermostat			
heating method	Induction heating			
Vacuum system	Rotary vane vacuum pump (for high vacuum requirements, Roots vacuum pump and oil diffusion pump are required)			
sintering atmosphere	N <sup>2</sup> Ar and other gases			
Rated power supply voltage (V)	380			
Rated heating voltage (V)	750			
Vacuum limit (Pa)	100 (vacuum cold state)			