

## Two Zone Gas Flow Vacuum Tube Furnace

Two Zone Gas Flow Vacuum Tube Furnace is a kind of heating equipment which can change and adjust the atmosphere or vacuum state in the furnace to make the material sintering in a specific vacuum or atmosphere. Generally, the gas in the furnace is inert gas (helium (N2argon Ar2) or reducing gas (ammonia H2, carbon monoxide CO), there are nitrogen ammonia mixture, mainly to prevent oxidation and reduction, some special materials into the gas, is as a catalytic auxiliary role. Protective atmosphere tube furnace is suitable for industrial and

mining enterprises, scientific research units, colleges and universities, etc. Chemical analysis and physical determination under various atmospheres have been widely used in the research and small batch production of powder metallurgy, ceramic metallization, phosphor powder, battery material, electronic ceramics, chemical raw materials.



### Specifications:

Model	ZFL2-1250	ZFL2-1260	ZFL2-1280	ZFL2-12100
Temperature Range (°C)	300-1200			
Temperature Resolution (°C)	1			
Temperature Accuracy (°C)	±1			
Heating Speed (°C/min)	0-20			
Heating Power (kW)	3.2KW			
Voltage	AC220V±10% 50/60Hz			
Heating area (mm)	180*2			
Area quantity	2			
Working room size (mm)	Φ120*430			
Control Mode	Led Program Control Section 30			
Maximum Vacuum (Mpa)	-0.1			
Interface Diameter (mm)	Φ8			
Tube Material	Quartz tube			
Tube inner size (mm)	Φ42*1000	Φ52*1000	Φ72*1000	Φ92*1000
Overall dimension (mm)	1320*430*520			