

# Multifunctional Boiling Drying Granulator

## CFG-5D



The CFG-5D fluidized bed dryer is designed for fast, gentle, and uniform drying of powders and granules. It is widely used in the pharmaceutical, food, and chemical industries. It works through hot air to suspend the materials in a fluidized state. This makes quick moisture removal while preserving the material's original quality.

This dryer features a compact design and easy operation. Its intelligent control system allows precise adjustment of temperature and airflow to suit different drying needs. A high-efficiency built-in filter prevents dust leakage, keeping the environment clean and operators protected.



### Features

- ✓ **High efficiency & energy saving.** Fluidized bed technology ensures fast drying while reducing energy use.
- ✓ **Consistent drying results.** Materials are heated evenly for stable and high-quality output.
- ✓ **Safe and reliable.** Built-in safety features provide secure and stable operation at all times.
- ✓ **Easy to clean & maintain.** The disassembly-friendly design simplifies cleaning and routine maintenance.
- ✓ **GMP-compliant design.** It meets strict pharmaceutical production standards for different applications.

### Technical Parameters

Model	CFG-5D
Production Capacity	0.5-5 kg/time
Fan Flow Rate	450 m <sup>3</sup> /h
Power Voltage	220V
Fan Power	4.0 kW
Electric Heating Power	6.5 kW
Compressed Air Pressure	0.4-0.7 MPa
Compressed Air Consumption	0.3 m <sup>3</sup> /min
Heating Temperature	Room temp-110°C (PID control)
Material Recovery Rate	≥99%
Moisture Content After Drying	≤5%
Dimensions	1200×1120×1930 mm
Total Machine Weight	≈600 kg