

Pre-installation Checklist

Conditions for installation:

1. The ambient temperature: 5°C - 35°C, and the relative humidity: $\leq 80\%$.
2. The laboratory should be free of violent vibration, airflow, strong electromagnetism and corrosive gases.
3. Please prepare the fume cupboard as the attached specific dimensions in order to draw out the soot, purify the room air and protect the operator.
4. Equip the laboratory with a stable power supply of $220\text{ V} \pm 22\text{ V} / 50 \pm 1\text{ Hz}$ and a power of 6 kW. The power supply wire is of a sectional area of over 4 mm^2 and grounded well. The plug is of a three-core (live line, null line and earth line) type and grounded well.

Preparation:

1. One set of round mesh with a diameter of 1.5 mm is required for coal sample preparation according to GB standard.

2. Coal cup and coal cup subassembly.

3. Coal sample with size less than 1.5mm

4. Bench which near the window