

Technical Data Sheet (TDS)

UNSPSC Code: 40161608

Commodity: Air Sterilizer

Product Description

Air sterilizers are devices designed to disinfect indoor air by eliminating airborne microorganisms such as bacteria, viruses, and mold spores. Common technologies include UV-C germicidal irradiation and high-efficiency filtration systems.

Typical Applications

Hospitals, laboratories, offices, schools, clean rooms, public buildings, and commercial spaces.

Technical Specifications (Typical)

Parameter	Typical Value
Sterilization Technology	UV-C (254 nm), HEPA filtration
Airflow Capacity	40 – 380 m³/h
Power Supply	220–240 V AC, 50/60 Hz
Power Consumption	25 – 380 W
Noise Level	27 – 60 dB
Operating Temperature	0 °C to +35 °C
Protection Class	IP20 (Indoor use)

Compliance & Safety

Designed to comply with applicable electrical and safety standards. UV-C components are fully enclosed to prevent exposure to occupants during normal operation.