

Technical Data Sheet (TDS)

UNSPSC Code: 40161609

Commodity: Water Purification System

Product Description

Water purification systems are designed to remove contaminants such as suspended solids, chemicals, microorganisms, and dissolved impurities from water to make it suitable for industrial, commercial, or potable use. Common technologies include reverse osmosis, UV disinfection, and filtration.

Typical Applications

Drinking water treatment, industrial process water, laboratories, hospitals, commercial buildings, and residential water supply systems.

Technical Specifications (Typical)

Parameter	Typical Value
Purification Technology	RO, UV, Activated Carbon, Sediment Filtration
Flow Rate	10 – 5000 L/h (model dependent)
Operating Pressure	1 – 6 bar
Power Supply	220–240 V AC, 50/60 Hz
Power Consumption	30 – 1500 W
Operating Temperature	5 °C to +45 °C
Inlet Water Quality	Potable / Borewell / Municipal (as specified)
Protection Class	IP20 – IP54 (model dependent)

Compliance & Safety

Designed to comply with applicable electrical and water safety standards. Materials in contact with water are suitable for potable water applications where specified.