सवीर
Since 1978

RETRACTABLE ROOF GREENHOUSE

Unlock the Power of Nature

INFRASTRUCTURE:
KEY COMPONENTS

- Galvanized steel structure as per IS875 standards (wind speed: 110 km/h)
- Aluminium trims, gutters and durable fasteners
- Entire roof controlled by single motor with special movable aluminium profile
- Motorized side curtains up to 3 m in height
- 40 mesh insect-proof netting with poly film
- HMI panel based automation with rain sensor
- Complete electrical and civil work support
- Design, engineering, supply, installation and commissioning



Commercial Cultivation

Higher productivity with natural light and controlled environment



Research / Rainout Shelter

Precise climate rainout shelter for research stress and drought research under natural conditions



Orchidarium

Ideal environment for exquisite orchid collections and cultivation

RETRACTABLE ROOF GREENHOUSE

FOR COMMERCIAL CULTIVATION

Maximizing Nature's Potential for Profitable Farming

KEY BENEFITS

- Higher yield and superior quality
- Optimal use of natural sunlight
- Better temperature and humidity management
- Reduced energy consumption
- Flexibility to open/close the roof as per weather
- Suitable for all seasons
- Customized solutions as per plant and area

CORE SYSTEMS



Retractable Roof System



Side Ventilation & Screens



Insect Proof Screening



Automation & Control

RETRACTABLE ROOF GREENHOUSE

RAINOUT SHELTER FOR RESEARCH

Where Natural Conditions Meet Controlled Research

Retractable Roof Rainout Shelter enables accurate simulation of rainfall exclusion and climate stress conditions while maintaining natural agronomics environments. Ideal for plant science research, drought studies and advanced crop trials.

APPLICATIONS

- Drought and climate-stress research
- Rainfall exclusion studies
- Multi-crop research programs
- Environmental monitoring (temperature, humidity, rainfall)
- Customized designs: single or multi-crop plots
- High repeatability and reliable data

FEATURES

- Climate-responsive automated structures
- Corrosion-resistant materials
- Rain-sensor-based automation
- Integrated monitoring and data logging
- Complete turnkey solution

RETRACTABLE ROOF GREENHOUSE

ORCHIDARIUM FOR ORCHIDS

Where Beauty Meets Technology

The Retractable Roof Orchidarium facilities provide the flexibility required for both sensitive and exotic orchid collections by creating the perfect growing environment for a wide variety of orchids with natural light, excellent ventilation and precise environmental control.



SUITABLE FOR

- Orchid cultivation and collections
- Rare and exotic species
- Breeding and conservation programs
- Research and educational institutes
- Botanical gardens and commercial growers

Saveer Biotech Limited

Leveraging Technology, Enriching Lives

4+ DECADES OF EXPERTISE | **200+** TRAINED PROFESSIONALS | **8,500+** SUCCESSFUL INSTALLATIONS

PAN-INDIA SERVICE & SUPPORT

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